# **Quick Start Guide - Exchange Public Folder Archiver Agent**

# TABLE OF CONTENTS

# OVERVIEW Introduction **Key Features** Add-On Components Terminology SYSTEM REQUIREMENTS - EXCHANGE PUBLIC FOLDER ARCHIVER AGENT **DEPLOYMENT - EXCHANGE SERVER AGENTS INSTALL THE 64-BIT EXCHANGE AGENTS FOR EXCHANGE SERVER 2007 OR 2010** INSTALL THE 64-BIT EXCHANGE AGENTS FOR EXCHANGE SERVER 2007 OR 2010 - CLUSTERED ENVIRONMENT INSTALL THE 32-BIT EXCHANGE AGENTS FOR EXCHANGE SERVER 2007 OR 2010 INSTALL THE 32-BIT EXCHANGE AGENTS FOR EXCHANGE SERVER 2007 OR 2010 - CLUSTERED ENVIRONMENT **INSTALL THE EXCHANGE AGENTS ON EXCHANGE SERVER 2003 INSTALL THE EXCHANGE AGENTS ON EXCHANGE SERVER 2003 - CLUSTERED ENVIRONMENT INSTALL THE 32-BIT EXCHANGE AGENTS ON A NON-EXCHANGE SERVER** INSTALL THE EXCHANGE AGENTS FOR EXCHANGE SERVER 2003 ON A NON-EXCHANGE SERVER GETTING STARTED CONFIGURATION - EXCHANGE PUBLIC FOLDER ARCHIVER AGENT GETTING STARTED ARCHIVE - EXCHANGE PUBLIC FOLDER ARCHIVER AGENT

GETTING STARTED RECOVER - EXCHANGE PUBLIC FOLDER ARCHIVER AGENT

# System Requirements - Exchange Public Folder Archiver Agent

System Requirements Supported Features

The following requirements are for the Exchange Public Folder Archiver Agent:

# **APPLICATION**

Microsoft Exchange 2003 32-bit Server up to the latest service pack Microsoft Exchange 2007 64-bit Server up to the latest service pack Microsoft Exchange 2010 64-bit Server up to the latest service pack

# **OPERATING SYSTEM**

#### WINDOWS SERVER 2008

Microsoft Windows Server 2008 x64 Editions\* \*Core Editions not supported

#### WINDOWS SERVER 2003

Microsoft Windows Server 2003 32-bit and x64 Editions with a minimum of Service Pack 1

# **CLUSTER - SUPPORT**

The software can be installed on a Cluster if clustering is supported by the above-mentioned operating systems.

For information on supported cluster types, see Clustering - Support.

# HARD DRIVE

1 GB of minimum disk space is required for installing the software.
 256 MB of free disk space is required for job result directory.
 256 MB of free disk space is required for log directory.

# **OWA PROXY ENABLER**

256 MB minimum of hard disk space for installing the software.

# OUTLOOK ADD-IN CLIENT

50 MB minimum of hard disk space for installing the software.

721 MB of temp space required for install.

Ensure that your setup has disk space to install the following: Visual Studio Tools for Office

.NET Framework 4

# MEMORY

32 MB RAM minimum required beyond the requirements of the operating system and running applications

# PROCESSOR

All Windows-compatible processors supported

# SUPPORTED COMPONENTS

#### **OWA PROXY ENABLER**

The OWA Proxy Enabler is supported on any platform supported by the Microsoft Exchange Server.

#### WEB PROXY AGENT

The Web Proxy Agent is supported on any platform supported by the Microsoft Exchange Server.

# OUTLOOK ADD-IN CLIENT

The Outlook Add-In Client is supported with any version of Microsoft Outlook supported by the Microsoft Exchange Server.

## PERIPHERALS

DVD-ROM drive

Network Interface Card

# MISCELLANEOUS

#### NETWORK

TCP/IP Services configured on the computer.

#### MICROSOFT VISUAL C++

Microsoft Visual C++ 2008 Redistributable Package is automatically installed. Note that Visual C++ 2008 Redistributable Package can co-exist with other versions of this software.

## **.NET FRAMEWORK**

.NET Framework 2.0 is automatically installed. Note that .NET Framework 2.0 can co-exist with other versions of this software.

# NOTES ON MICROSOFT EXCHANGE SERVER /DATAAGENT INSTALLATION

Microsoft Exchange 2007 64-bit Server Agents are 32-bit MAPI-based Agents installed on a Microsoft Windows x64 platform. See Installing 32-bit Components on a Microsoft Windows x64 Platform for information on installation and configuration requirements for these Agents.

- The Microsoft Exchange 2003 and 2007 Mailbox and Public Folder-based Agents can be installed in two ways:
- $\,\circ\,\,$  directly on the Microsoft Exchange Server computer
- o as Proxy Agents on a separate computer running a supported 32-bit operating system

# **NOTES ON OUTLOOK OWA PROXY ENABLER INSTALLATION**

Prior to configuring Web Access for Exchange 2007 Mailbox/Public Folder Archiver, Exchange WebProxy Archiver Agent, or OWA Proxy Enabler, ensure that the Client Access Role has been configured on the Exchange Server.

# **NOTES ON OUTLOOK ADD-IN CLIENT INSTALLATION**

For Windows clients, JRE 1.7.0\_17 is installed automatically with the Outlook Add-In software if it is not already installed.

.NET Framework is needed to support RPC over HTTP connection mode, as well as support for the Exchange Offline Mining Tool. It is not automatically installed by the MSI package and must be manually installed.

Update 331320 must be installed on the client in order to use RPC over HTTP. Contact Microsoft Product Support Services and refer to KB 331320 to obtain this patch.

The Microsoft Visual C++ 2008 Redistributable Package is not automatically installed for MSI installs. However, the required subset of files from Microsoft Visual C++ 2008 Redistributable Package are provided as part of the software and therefore, manual installation is not required.

#### DISCLAIMER

Minor revisions and/or service packs that are released by application and operating system vendors are supported by our software but may not be individually listed in our System Requirements. We will provide information on any known caveat for the revisions and/or service packs. In some cases, these revisions and/or service packs affect the working of our software. Changes to the behavior of our software resulting from an application or operating system revision/service pack may be beyond our control. The older releases of our software may not support the platforms supported in the current release. However, we will make every effort to correct the behavior in the current or future releases when necessary. Please contact your Software Provider for any problem with a specific application or operating system.

Additional considerations regarding minimum requirements and End of Life policies from application and operating system vendors are also applicable

# **Deployment - Exchange Server Agents**

# **PLANNING YOUR INSTALLATION**

The Microsoft Exchange Server Agents can be installed individually or in any combination. However, your installation options will differ depending on your environment and the combination of Agents you intend to install.

To ensure you select the appropriate installation option for your environment, first compile the following information:

#### **EXCHANGE AGENTS TO BE INSTALLED**

For complete protection, it is recommended all Agents be installed in your environment.

#### **EXCHANGE SERVER VERSION**

The Exchange Server Version can be 2010, 2007, or 2003.

# WILL THE AGENTS BE INSTALLED ON THE EXCHANGE SERVER?

You can install Agents on the Exchange Server or another computer (Non-Exchange Server). The Database iDataAgent, however, must be installed on the Exchange Server.

#### IS THE COMPUTER 32-BIT OR 64-BIT?

Whether installing on the Exchange Server or a Non-Exchange Server, the bit-rate can be 32-bit or 64-bit.

# WHAT VERSION OF OUTLOOK IS INSTALLED ON THE COMPUTER?

Outlook must be installed on the computer for all Agents except the Database iDataAgent and can be version 2010 or 2007.

#### IS THE OUTLOOK VERSION 32-BIT OR 64-BIT?

The Outlook bit-rate can be 32-bit or 64-bit.

# WILL YOU BE INSTALLING THE AGENTS IN A CLUSTERED ENVIRONMENT?

# **INSTALLATION OPTIONS**

Once you have compiled the above information, choose the appropriate installation procedure as described in the tables below.

# **EXCHANGE SERVER 2013**

	OUTLOOK VERSION	INSTALLATION PROCEDURE	SUPPORTED AGENTS
INSTALLING ON THE	EXCHANGE SERVER		
64-bit Exchange Server	N/A		Database Agent for Database Availability Group (DAG) Configuration

# EXCHANGE SERVER 2010

RSION		
CHANGE SERVER		
	5 5 5	Database, Mailbox, and Public Folder iDataAgents
		Compliance, Mailbox, and Public Folder Archivers
· · · · ·	5 5 5	Database, Mailbox, and Public Folder iDataAgents
		Compliance, Mailbox, and Public Folder Archivers
	ook 2010 64-bit ook 2010/2007	book 2010 64-bitInstall the 64-bit Exchange Agents for Exchange Server 2010 or 2007book 2010/2007Install the 32-bit Exchange Agents for Exchange Server 2010 or 2007

64-bit Exchange Server	N/A	Install the 64-bit Exchange Agents for Exchange Server 2010 or 2007	Database Agent for Database Availability Group (DAG) Configuration
INSTALLING ON A N	ON-EXCHANGE SERVE	R	
32-bit Non-Exchange Server	Outlook 2010/2007 32-bit	Install the 32-bit Exchange Agents on a Non-Exchange Server	Mailbox and Public Folder iDataAgents Compliance, Mailbox, and Public Folder Archivers
64-bit Non-Exchange Server	Outlook 2010/2007 32-bit	Install the 32-bit Exchange Agents for Exchange Server 2010 or 2007	Mailbox and Public Folder iDataAgents Compliance, Mailbox, and Public Folder Archivers
64-bit Non-Exchange Server	Outlook 2010 64-bit	Install the 64-bit Exchange Agents for Exchange Server 2010 or 2007	Mailbox and Public Folder iDataAgents Compliance, Mailbox, and Public Folder Archivers

# **EXCHANGE SERVER 2007**

SERVER SETUP	ουτιοοκ	INSTALLATION PROCEDURE	SUPPORTED AGENTS
	VERSION		
INSTALLING ON THI	E EXCHANGE SERVER		
64-bit Exchange Server	Outlook 2010 64-bit	Install the 64-bit Exchange Agents for Exchange Server 2010 or 2007	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
64-bit Exchange Server - Cluster	Outlook 2010 64-bit	Install the 64-bit Exchange Agents for Exchange Server 2010 or 2007 - Clustered Environment	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
64-bit Exchange Server	Outlook 2010/2007 32- bit	Install the 32-bit Exchange Agents for Exchange Server 2010 or 2007	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
64-bit Exchange Server - Cluster	Outlook 2010/2007 32- bit	Install the 32-bit Exchange Agents for Exchange Server 2010 or 2007 - Clustered Environment	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
INSTALLING ON A N	ION-EXCHANGE SERVE	R	
32-bit Non-Exchange	Outlook 2010/2007	Install the 32-bit Exchange Agents on a Non-Exchange Server	Mailbox and Public Folder iDataAgents
Server	32-bit		Compliance, Mailbox, and Public Folder Archivers
64-bit Non-Exchange	Outlook 2010/2007	Install the 64-bit Exchange Agents for Exchange Server 2010	Mailbox and Public Folder iDataAgents
Server	64-bit	or 2007	Compliance Mailbox and Public Folder

# **EXCHANGE SERVER 2003**

SERVER SETUP	OUTLOOK VERSION	INSTALLATION PROCEDURE	SUPPORTED AGENTS
INSTALLING ON THE	EXCHANGE SERVER		
Exchange Server	Not Required	Install the Exchange Agents on Exchange Server 2003	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
Exchange Server - Cluster		Install the Exchange Agents on Exchange Server 2003 - Clustered Environment	Database, Mailbox, and Public Folder iDataAgents
			Compliance, Mailbox, and Public Folder Archivers
INSTALLING ON A N	ON-EXCHANGE SERVER		
Non-Exchange Server		Install the Exchange Agents for Exchange Server 2003 on a	Mailbox and Public Folder iDataAgents
	bit	Non-Exchange Server	Compliance, Mailbox, and Public Folder Archivers

Compliance, Mailbox, and Public Folder Archivers

# Install the 64-bit Exchange Agents for Exchange Server 2010 or 2007



Follow the steps given below to install Exchange Agents on one of the following:

- 64-bit Exchange Server 2010
- 64-bit Exchange Server 2007
- 64-bit Non-Exchange Server

## WHERE TO INSTALL

The Exchange Agents can be installed in one of two ways:

- Directly onto the Exchange Server. This method is referred to as an on-host installation and is useful if you want to preserve hardware resources.
- On a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

Install the Exchange Agents on all the nodes on which backups have to be run in a DAG configuration.

# INSTALLATION

The software can be installed using one of the following methods:

#### **METHOD 1: INTERACTIVE INSTALL**

Use this procedure to directly install the software from the installation package or a **System Requirements** network drive.

#### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

Use this procedure to remotely install the software on a client computer.

# **RELATED TOPICS**

**Download Software Packages** Provides step-by-step procedure to download the latest packages for software install.

System Requirements Verify that the computer in which you wish to install the software satisfies the System Requirements.

#### Firewall

Provides comprehensive information on firewall.

## PREREQUISITES

If you are installing the Exchange Agents on a 64-bit off-host proxy computer, perform the following pre-requisite task before installing these agents:

- Ensure that the proxy computer has been added to the same Domain in which the Exchange Server 2007 resides.
- Install Microsoft Outlook 2007 or higher on the off-host proxy computer in order to supply the software drivers necessary for Exchange-based agents to
  function in an off-host proxy configuration.

#### FOR EXCHANGE SERVER 2010

- Ensure that the service account is a member of Organization Management group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.

To assign full access follow the steps given below:

- Using ADSIEDIT navigate to Configuration | Services | Microsoft Exchange.
- Right-click your organization name, click Properties | Securities and click the Advanced tab.
- Click Edit to modify the permissions set for Organization Management group.
- Click to select Full Control, Receive As and Send As permissions and wait for replication.
- Click the Effective Permission tab and Select the name of the backup account.
- The backup account should display the following as selected:

Full Control

All Extended Rights

Send As

Receive As

• Start the PowerShell and type the following to add the backup account so it has full control over all the databases:

Get-MailboxDatabase -server (server name) | Add-ADPermission -user "backup account" -ExtendedRights Receive-As

Run the above PowerShell every time a new database is added.

 Navigate to the Exchange Management Console, right-click the <mailbox> and click Manage Full Access Permissions to view the mailbox listed under Full Access Permissions.

### FOR EXCHANGE SERVER 2007

з.

- Service account should be a member of Exchange Organization Administrators group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.

# **METHOD 1: INTERACTIVE INSTALL**

- 1. Log on to the computer using an account with the following privileges:
  - Administrator of the local computer

Select the required language.

Click Next.

- Administrator of the Exchange Server
- 2. Run **Setup.exe** from the Software Installation Package.

Select the language you will use during installation. English (United States)
Next> Cancel
<ul> <li></li></ul>
<ul> <li>Install Adobe Acrobet Reader</li> <li>Exit</li> </ul>
Installer  License Agreement  Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement.
End User License and Limited Warranty Agreement
(including Microsoft® SQL Server <sup>™</sup> 2008 Enterprise Edition, SQL Server <sup>™</sup> 2008 Express Edition and Windows Pre-Installation Environment) Fut Harve Learne Assumed ✓
I do not accept the terms in the license agreement. Installer

4. Select the option to Install Calypso on this 64-bit computer.

Your screen may look different from the example shown.

 Select I accept the terms in the license agreement. Click Next.

- To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the **Exchange Archiver Agents**, expand **Client Modules | Archive Management**, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

For Non-Exchange Server, Exchange Database *i*DataAgent will not be applicable.

7. If this computer and the CommServe is separated by a firewall, select the **Configure firewall services** option and then click **Next**.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click Next.

8.	Enter the fully qualified domain name of the <b>CommServe Host Name</b> .
	Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

9. Click Next.

nstaller	
Select Platforms	an used to configure
Select the platforms yo	wark to confligute.
	erve Modules el Console gent Modules der description of the platform and description of the pl
, congretation	
connection from her CommServe are blo machine, or whether C This machine car	Windows Filewall is limiting network traffic. Whether it is possible to open to a CommServe's turnel pot, whether all connections toward cked, and setup should instead expect LommServe to connect back to this there is a Prow in between. open connection to CommServe on tunnel port open connection toward this machine
	achable only through a proxy
Installer	
	Next > Cancel
Installer	X
CommServe Name	
CommServe Name Specify the CommServ name CommServe	e re computer name and host Client Name Host Name
CommServe Name Specify the CommServe name CommServe CommServe (Enter a valie mycomputer	e computer name and host Client Name Host Name d, fully-qualified. IP host name; for example: mycompany.com)
CommServe Name Specify the CommServe name CommServe CommServe (Enter a valie mycomputer	e computer name and host Client Name Host Name J. Juliqualified. IP host name; for example:
CommServe Name Specify the CommServe name CommServe CommServe (Enter a valie mycomputer	e computer name and host Client Name Host Name d, fully-qualified. IP host name; for example: mycompany.com)
CommServe Name Specify the CommServe CommServe CommServe (Enter a vali mycomputer (mycomputer) Installer	e computer name and host  Client Name Host Name (high-qualified.IP host name; for example: mycompany.com)  rmycompany.com
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	e computer name and host  Client Name Host Name (A) (A)uly-qualified. (P host name; for example: mycompany.com) rmycompany.com ( Back Next> Cancel
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	P re computer name and host  Client Name Host Name Liby-qualified, IP host name; for example: nycompany.com t.nycompany.com Cancel  Action Company.com terface Name
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	P re computer name and host  Client Name Host Name A fully qualified, IP host name; for example: nycompany.com tmycompany.com  client name communication paths.  Select a client name
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	P we computer name and host  Client Name Host Name A duby qualified. IP host name; for example: nyocompany.com tmycompany.com  company.com  company
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	P we computer name and host  Client Name  Host Name  Lidy-qualited, IP host name; for example:  nycompany.com  (nycompany.com  (seech actient name)  Select a client name  Select actient name  S
CommServe Name Specify the CommServe CommServe CommServe (Effete a valid mycomputer (Firster a valid mycomputer (Firster a valid mycomputer (Firster a valid) mycomputer (Firster a valid) mycomputer	P re computer name and host

10. Select Add programs to the Windows Firewall Exclusion List, to add CommCell programs and services to the Windows Firewall Exclusion List.

Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

11.

12.

13.

	Installer
	Windows Firewall Exclusion List Allow programs to communicate through Windows Firewall
	Windows Firewall is ON
	Add programs to the Windows Firewall Exclusion List
	If you plan on using Windows Firewall, it is recommended to add the software programs to the exclusion list.
	Installer < Back Next > Cancel
Verify the default location for software installation.	Installer
Click <b>Browse</b> to change the default location.	Destination Folder Select the destination folder to install the program files.
Click Next.	
<ul> <li>Do not install the software to a mapped network drive.</li> <li>Do not use the following characters when specifying the destination path: <ul> <li>/:*?"</li> <li>#</li> </ul> </li> </ul>	Click Next to accept the default location, or click Browse to choose an alternate location.           Destination Folder           Image: Strange Stran
It is recommended that you use alphanumeric characters only.	Drive List C: 928 MB Installer C: 928 MB C: 92
Select a Client Group from the list.	Installer
Click Next.	Client Group Selection Select a client group for the client.
This screen will be displayed if Client Groups are configured in the CommCell Console.	The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected client_group
	Installer Cancel
Click <b>Next</b> .	Installer Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.
	<ul> <li>✓ Schedule Install of Automatic Updates</li> <li>○ Once</li> <li>○ Weekly</li> <li>○ Weekly</li> <li>○ Wednesday</li> <li>○ Thursday</li> <li>○ Friday</li> <li>○ Saturday</li> <li>○ Sunday</li> </ul>

#### Select a Storage Policy. 14. Click Next.

Pag	e 9 c	f 111	ĺ

X

Installer	X
Storage Policy Selection	
Select a storage policy for the default subclient to be backed up.	
Configure for Laptop or Desktop Backup	
Select a storage policy from the pull-down list.	
Unassigned	
Installer	_
< Back Next> Can	cel
Installer Storage Policy Selection	
Select a storage policy for the default subclient to be backed up.	
Configure for Laptop or Desktop Backup	
runder	

If you do not have Storage Policy created, this message will be displayed. Click  ${\bf OK}.$ 

You can create the Storage Policy later in step 24.

- If you are installing the Exchange Database iDataAgent on the Exchange Server, click Configure Exchange Database Specific Information.
- If you are installing the Exchange Agents on the Non-Exchange Server, skip to Configure Exchange Agents Specific Information.

# CONFIGURE EXCHANGE DATABASE SPECIFIC INFORMATION

- **15.** Select the backup type for Exchange Database backups. Choose either of the following options, then click **Next**.
  - Differential Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged.
  - **Incremental** Specifies that each non-full Exchange Database backup secures only that data that has changed since the last backup of any type. Committed transaction logs are purged.

Installer	
Exchange Backu Please select a defa	
C Differentia	al Backs up changes in the Information Store and Directouy Service since the last Full backup. Does not purge the transaction logs.
← Increment	tal Backs up changes in the Information Store and Directory Service arises the latet Full backup or Incremental backup. The committed transaction logs are then purged.
Installer	< Back Next > Cancel
Enter Administrat Enter Administrator ad	or account information
	Account Name:
	Account Password:
	Domain: EXCH

**16.** Enter the user credentials to access the Exchange Server to perform the backup operation.

- The User Account must have Exchange Administrator privileges.
- The installation detects the domain name. If necessary, you can modify the domain name by specifying Windows domain that the Exchange Server resides in.

17. Click Next.

Setup has enough i install settings, click	nformation to start Next to begin cop	copying the pro oying files.	ogram files. If you	are satisfied v	with the
Destination Path = CommServe Host = Interface Name = 2 Client = audi Job Results Path = Global Filters = Use	mycomputer.myco udi.mycompany.c C:\Program Files\	om			×
Installer	[	< Back	Next>		Cancel

- 18. The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is disabled:
  - From Exchange System Manager, navigate to and expand the server that the Database *i*DataAgent is being installed on.
  - Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

- If you are installing the Exchange Agents, then click Configure Exchange Agents Specific Information.
- If you are installing the Exchange Database iDataAgent, skip to Verify Summary of Install Options.

# CONFIGURE EXCHANGE AGENTS SPECIFIC INFORMATION

**19.** Select **Exchange Server Name** and **Exchange Server Version** from drop-down list.

## Click Next.

This screen will appear when you are installing  $\ensuremath{\mathsf{Exchange}}$  Agents on Non-Exchange Server.

20. Click Next.

Installer		×
Exchange Server Name		
Please provide Exchange serve	er name	
Exc	e Server change Server Name: change_Server change Server Version	-
	change 2007	•
Installer		
	< <u>B</u> ack <u>N</u> ext	> <u>C</u> ancel
Installer		
Summary Summary of install selections		
Setup has enough informat install settings, click Next to	tion to start copying the program files. If yo o begin copying files.	ou are satisfied with the
Destination Path = C:\Prog CommServe Host = mycom Interface Name = audi.myc Client = audi Job Results Path = C:\Prog Global Filters = Use Cell lev	puter.mycompany.com company.com gram Files∖JobResults	
CommServe Host = mycom Interface Name = audi.myc Client =audi Job Results Path = C:\Prog	puter.mycompany.com company.com gram Files∖JobResults	×
CommServe Host = mycom Interface Name = audi.myc Client = audi Job Results Path = C:\Prog Global Filters = Use Cell lev	puter.mycompany.com company.com gram Files∖JobResults	× ×

- **21.** Enter the following Exchange Administrator information then click **Next**.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - **Profile Name** Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.

• Exchange Server Name - Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.

Enter the Mailbox Role Server name (NetBIOS). After installation configure the roles as described in Configure Mailboxes in Database Availability Group (DAG) Servers.

• **Domain** - The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.

Installer	X
Exchange Administrator Account Information Mailbox and Profile information	
Please enter the Exchange account information ro the information supplied.	squired below. A new profile will be created with
Account Name:	Profile Name:
Account Password:	Exchange Server Name:
Mailbox Name for this Account:	Domain:
Installer < E	iack Next > Cancel

## VERIFY SUMMARY OF INSTALL OPTIONS

22. Click Next.

23. Click Finish.

Installer
Schedule Reminder Job schedule creation reminder
Please note: You still need to create a Job Schedule for each iDataAgent that has been installed on this client computer. Job Schedules are required to allow the iDataAgents to perform automated backup and restore operations. Job Schedule creation can be accomplished through the CommCell Console administration interface.
Next>
Installer 🔀
Completion Report Setup complete
Software installation completed successfully.
Visit the website below to download latest Updates and Service Packs.
Click Finish to complete Setup.
<u> </u>
Instaler Technical Support Website



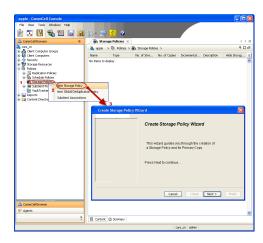
If you already have a storage policy selected in step 14, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

- 24. Create a Storage Policy:
  - 1. From the CommCell Browser, navigate to **Policies**.
  - 2. Right-click the Storage Policies and then click New Storage Policy.
  - 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
    - Select the Storage Policy type as Data Protection and Archiving and click Next.
    - Enter the name in the Storage Policy Name box and click Next.
    - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- $\circ\;$  For the device streams and the retention criteria information, click Next to accept default values.



- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

• Review the details and click **Finish** to create the Storage Policy.

25. Enable the following registry key to create job specific profiles:

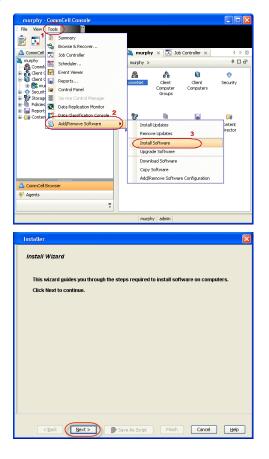
- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

# METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

1. From the CommCell Browser, select **Tools**, point to **Add/Remove Software**, and then click **Install Software**.



2. Click Next.

Select Windows.
 Click Next.

4. Select Manually Select Computers. Click Next.

5. Enter the fully qualified domain name of the computer on which you have Exchange Server.

For example: win08ex07.idclab.loc

Click Next.

6. Click Next.

Manually select computers Software will be installed only on the selected list of computers.     Automatically discover computers Computers will be discovered when the job runs.
Automatically discover computers
Computers will be discovered when the job nues
< Back Back Script Finish Cancel Help
installer
Enter the host names of the computers
Please enter the host names of the computers, one per line win08ex07.3ddab.loc Import from File
Import From Active Directory
Select from existing clients
KBok Next > ● Save As Sold Price Cancel Help
Installer
Select Software Cache
To use current Client or Client Group Software Cache settings, click Next. To override Software Cache and select the Software Cache to be used.
Override Software Cache Software Cache
Software Carbe: murphy.domain.company.com
< Book Boot Scopt Frish Concol Heb
Carca Geve Date Land

<Back Next> Save As Script Finish Cancel Help

Select the computer's operating system

Windows
 Unix and Linux

 Specify User Name and Password that must be used to access the computer. Click Next.

	Installer 🔀
	Enter Account Information
	The specified account should have administrative access to the computer. If you are installing
	multiple clients, the user should have access to all clients.
	Reuse Active Directory credentials
	User Name: Example:domain\username
	Password:
	Confirm Password:
	, 
	< Back Next > Save As Script Finish Cancel Help
ıp &	Installer 🛛 🛛
	Solect Package(s) to Install
	Notice Leadageret     Occomentan Agent     Occomentan Agent     Occomentan Agent     Occomentan Agent     Occomentan Agent
	Exchange matcher betangen:
	Endrange Web Folder Deatagent     Endrange Web Folder Deatagent     Endrange Offen Hings Tool     Endrange Offen Endlander     Endrange Offen Endlander
ot be	D Lots Wire Status Obsidgent     Data Ware Status Obsidgent     Data Ware Status     Data Ware     Data Ware
	Content Indexing and Search  Content Indexing
	Control Control Control (Control)     Control (Control)     Control (Control)     Control (Control)
	Cuclo Teles Harrin Carlo  Cuclo Telese Harrin C
	Exchange Malbox Archiver Agent
	< Back Next > Save As Script Finish Cancel Help
	Installer 🔀
	Enter Recommended Settings for the selected Software
	Enter Recommended Settings for the selected Software Recommended Settings
all Backup	Enter Recommended Settings for the selected Software  Recommended Settings  Client Groups  Available: Selected
all <b>Backup</b> Iry from the	Enter Recommended Settings for the selected Software Recommended Settings Client Groups
all <b>Backup</b> Iry from the - Laptop User	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software
ry from the	Enter Recommended Settings for the selected Software   Enter Recommended Settings  Cent Groups  Available:  Setemate Add >  Se
ry from the	Enter Recommended Settings for the selected Software
ry from the	
ry from the	
ry from the	Enter Recommended Settings for the selected Software   Feature and Settings  Cent Groups Available:  Available:  Available:  Available:  Available:  Center on a setting  Center on a setting  Center on a setting  Center on a selected Software  Feature  Feature  Center on a selected Software  Feature  Feature
ry from the	

- To install the Exchange iDataAgents expand Client Modules | Backup a Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

Click Next.

For Non-Exchange Server, Exchange Database *i*DataAgent will not be applicable.

- 9. Select Client Group from Available and click Add.
  - Select a **Storage Policy** from the drop-down list. Click **Next**. **NOTES**:
  - Select the Configure for Laptop or Desktop Backup option to install Backup Monitor utility. This utility allows you to view the backup job summary from the client computer without opening the CommCell Console. See Monitor - Laptop User for more information.
- 10. Type the Agent Specific Settings information. Click **Next**.

11. Click Next.

# 12. Select Immediate. Click Next.

13. Click Finish.

14. You can track the progress of the job from the **Job Controller** or **Event Viewer** window.

Installer	
Enter Additional Install Opti	202
Installer Flags	
V Install Updates	
Rebot (Frequired)	
Kill Browser Processes (if	required)
Stop Oracle Services (if r	equired)
	dy part of the CommCell component
Advanced Options	
V Delete Packages After In	
V Ignore Client/Host Name	
Install Result Log Location	
Optional Settings	
3 Job Result Direct	ary
Path	
CVD Part Evengrc Part	8400 <sup>1</sup> 9402 <sup>1</sup>
Install Directory	
Log File Location	
CommServe Host Name	
	Kant Bark As Script Finish Cancel Help
Installer	
Please Select Wh	en To Run The Job
Job Initiation	
( Immediate	
Run this job	
O Schedule	
Configure 9	chedule Pattern Configure
< Back	Save As Script Finish Cancel Help
Installer	× * * * * * * * * * * * * * * * * * * *
Summary	
	id click Finish to run the job immediately or click Save As Script to save the job options as a script.
Client Install Option	
Select Type Of Installation: Select Type Of Client Dircore	Windows ary: Manually select computers
Exclude discovery of compute	rs with SRM agents already installed: Yes
Reuse Active Directory crede	ntials: No
Client Authentication for Job User Name: IDCLAB\administ	rator
Password: ****	
Install Flags	
Install Updates: Yes Reboot (if required): No	
Kill Browser Processes (if rec	uired): No
Ignore Running Jobs: No Stop Oracle Services (if requ	red): No
	part of the CommCell component: No
Ignore Client/Host Name Cor	dliet: Yes
Install Agents For Restore O	aly: No
Client Composition Override Software Cache: N	
Salast Time Of Installation:	) Come ano transformation monohing
	< Back Ment > Stript Fridh Cancel Help
🔀 Job Controller 🗙	
Sub Controller	ert type Subcheit Jub Typer I Phane Borege Medanligent Status Progress Errors Delay-Resson 3 NA Screeniert 1000
	NA Completed 1076
20 Enstal Software	
20 Kratel Software	
< III Pauer ▶ Sleejeg Rumin	
<	10
Derete Derete David     Derete David     Derete David     Derete David     Derete David     20 20 20 201201116     20 20 2012010116	1 hrugen Oregan Seri Colo Berenon 15 Derbachher aga ext 2 Al Conjects Scorely
Dreve Dreve Darve     Dreve Dreve     Dreve Nover     Dreve Nover     Dreve Nover     Dreve Nover     Dreve D 364/00 Darve     Dreve D 364/00	1 hayan Organi Set Gab Beester S Babbachara ada at a Capital Sector at a Capital Secto
Dreve Dreve Darve     Dreve Dreve     Dreve Nover     Dreve Nover     Dreve Nover     Dreve Nover     Dreve D 364/00 Darve     Dreve D 364/00	1 hayan Organi Set Gab Beester S Babbachara ada at a Capital Sector at a Capital Secto
C Dares Deres Dares	************************************

**15.** Once the job is complete, right-click the **CommServe** computer, click **View** and then click **Admin Job History**.

16. Select Install/Upgrade/Remove Software. Click OK.

- 17. You can view the following details about the job by right-clicking the job:
  - Items that succeeded during the job
  - Items that failed during the job
  - Details of the job
  - Events of the job
  - Log files of the job

Enable the following registry key to create job specific profiles:

- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.

18.

- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

idol.testlab.commvault.c				
File View Tools Windows				
	l 🚾 🗟			
CommCell Browser P	🚵 apple 🛛			4 10 10
All Tasks	🚴 apple >			4 C &
View 2 >	Job History		• 💖	•
Control Panel	Admin Job History	Client Computers	Security Storage Resources	Policies
Properties	Log Files 3	Computers	Resources	4 0 0
OA Virtual Server	Users Logged In Schedules			
mustang     mustang     File System	Fl Job ID Operation	Client Co	Agent Type Subclient	D D D D D D D D D D D D D D D D D D D
+ OA Virtual Server	21 Data Aging			N/A
Security Storage Resources	<			~
Policies	II Pause Playing R	unnin		
Reports	Event Viewer ×	Admin Job Miston	5	4 1 10
-	Event Viewer	Admin Job History	^	400
		b ID Date	v 1 Program	Computer Ev 3
	233	21 08/31/2010 1	2:00:23 JobManager	apple 19:
	232	21 08/31/2010 1	2:00:08 JobManager 1:52:42 EvMor5	apple 19: apple 35:
CommCell Browser	<ul> <li>231</li> <li>228</li> </ul>		1:52:42 EVMgr5 1:46:15 DistributeSoftware	apple 35: apple 68: apple co.
S Agents	227	20.00/21/2010	1.4E:44 DirtykutaCafturea	
*	II Pause Playing Info	mation, Minor, Major	r, Critical, Maximum events sh	
8 object(s)		8	pple admin	
		-		
Advete to ball the second	10			
Admin Job History Fi	iller			×
Job Type				
O Al	🔿 Data Aging		C Export Media	
Auxiliary Copy	O Inventory		O Disaster Recove	n Radun
				ry backup
<ul> <li>Data Verification</li> </ul>	Offline Conte		<ul> <li>Erase Media</li> </ul>	
C Erase Backup/Archived	Data 🔷 Drive Validati	on	O Drive Cleaning	
🔘 Stamp Media	<ul> <li>Install/Remov</li> </ul>	ve Updates	O Download/Copy	Software
<ul> <li>Install/Upgrade/Remove</li> </ul>	e Software Disk Library M	laintenance	SRM Reports/Ac	tions
Install/Upgrade/Remove     Information Managemen	Disk Library N CommCell Exp	laintenance port		tions
<ul> <li>Install/Upgrade/Remove</li> </ul>	e Software Disk Library M	laintenance port	SRM Reports/Ac	tions
Install/Upgrade/Remove     Information Managemen     Media Refreshing	Disk Library N CommCell Exp	laintenance port	SRM Reports/Ac	tions
Install/Upgrade/Remove     Information Managemen	Disk Library N CommCell Exp	laintenance port	SRM Reports/Ac	tions
Install/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range	Disk Library N CommCell Exp	laintenance port e	SRM Reports/Ac	tions
Instal/Upgrade/Remove     Information Managemer     Media Refreshing     Specify Time Range     Time Zone: [GM1]	a Software t O CommCell Exp Recover Stor	taintenance port e (anada)	SRM Reports/Ac	tions
Instal/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range     Time Zone: [GMT]     Start Time	Software Disk Library M CommCell Exp CommCe	taintenance port e (anada) End Time	SRM Reports/Acc     CommCell Impor	tions
Instal/Upgrade/Remove     Information Managemer     Media Refreshing     Specify Time Range     Time Zone: [GM1]	Software Disk Library M CommCell Exp CommCe	taintenance port e (anada) End Time	SRM Reports/Ac	tions
Instal/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range     Time Zone: [GMT]     Start Time	Software) Disk Library M A CommCell Ext Recover Stor -05:00) Eastern Time (US & C	taintenance port e (anada) End Time	SRM Reports/Acc     CommCell Impor	tions
Install/Upgrade/Remove     Information Managemen     Media Refreshing     Speofly Time Range     Time Zone: (GMT     Start Time     Mon 08/30/201	Software) Disk Library M A CommCell Ext Recover Stor -05:00) Eastern Time (US & C	taintenance port e (anada) End Time	SRM Reports/AC	tions
Enstal/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range     Time Zone: (GMT     Rart Time     Mon 08/30/201	Software) Disk Library M A CommCell Ext Recover Stor -05:00) Eastern Time (US & C	taintenance port e (anada) End Time	SRM Reports/AC	tions
Instal/Upgrade/Remove     Information Managemer     Media Refrecting     Specify Time Range     Time Zone: (GMT     Rat Time     Mon 00/30/201     IZ : 0	Software) Disk Library M A CommCell Ext Recover Stor -05:00) Eastern Time (US & C	taintenance port e (anada) End Time	SRM Reports/AC	tions
Instal/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range     Time Zone: (GMT     Ken 08/30/201     Iz2 - IB     Sob Status	Software CommCell Ex CommCell Ex Recover Stor -05:00) Eastern Time (US & C 0 77PH	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install Lug safe Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Sat Time Mon 00202001 Itiz - 10 Xob Status O Al	Software) Disk Library M A CommCell Ext Recover Stor -05:00) Eastern Time (US & C	taintenance port e (anada) End Time	SRM Reports/AC	tions
Instal/Upgrade/Remove     Information Managemen     Media Refreshing     Specify Time Range     Time Zone: (GMT     Ken 08/30/201     Iz2 - IB     Sob Status	Software CommCell Ex CommCell Ex Recover Stor -05:00) Eastern Time (US & C 0 77PH	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install Upgrade/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: (Cett Stat Time Mon 00200201 Mon 00200201 Mathematical Status Al Number of Jobs	Software CommCell Ex CommCell Ex Recover Stor -05:00) Eastern Time (US & C 0 77PH	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install Logrado Remove Information Nanagemen     Media Refreshing     Specify Time Range     Time Zone: Confi Start Time     Mon 00200201 Mon 00200 Mon 00200 Mo	Software CommCell Ex CommCell Ex Recover Stor -05:00) Eastern Time (US & C 0 77PH	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install Upgrade/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: (Cett Stat Time Mon 00200201 Mon 00200201 Mathematical Status Al Number of Jobs	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install Lograde/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Start Time Men 00700001 Start Time Men 00700001 Start Starts O Al Number of Jobs O Yeave Al Jobs Desred Number of J	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	taintenance sort e anada) End Time Tue 0	SRM Reports/AC     CommCel Impor	tions
Install/Lograds/Hemove     Information Nanagemen     Media Refreshing     Secrify Time Range     Time Zone: Control     Secrify Time Range     Time Zone: Control     Secrify Time     Secri	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	santenance e anada) End Time Toe O Failed	SRM Reports/AC     CommCel Impor	tions
Install Lograde/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Start Time Men 00700001 Start Time Men 00700001 Start Starts O Al Number of Jobs O Yeave Al Jobs Desred Number of J	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	taintenance sort e anada) End Time Tue 0	SRM Reports/Ac     CommCell Impor	tions t
Install Lograde/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Start Time Men 00700001 Start Time Men 00700001 Start Starts O Al Number of Jobs O Yeave Al Jobs Desred Number of J	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	santenance e anada) End Time Toe O Failed	SRM Reports/AC     CommCel Impor	tions t
Install Lograde/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Start Time Men 00700001 Start Time Men 00700001 Start Starts O Al Number of Jobs O Yeave Al Jobs Desred Number of J	Software) Disk Library M R 1 Connecile Ext -05:00) Eastern Time (US & C 0 Completed	santenance e anada) End Time Toe O Failed	SRM Reports/Ac     CommCell Impor	tions t
Constall/Lograde/Remove Information Nanagement Media Refreshing Specify Time Range Time Zone: Conf Start Time Men 00200201 Starts O Al Number of Jobs O Yeav Al Jobs Desired Number of J	Software)     Disk Library M     Commol Ext     Commol Ext     Commol Ext     Commol Ext     Completed     Completed	santenance e anada) End Time Toe O Failed	SRM Reports/Ac     CommCell Impor	tions t d Help
© Install Ligrado, Remove Difformation Nanagement Media Refreshing □ Sectify Time Range Time Zone: (Ceff Start Time [Fino 02100/201 122:0 205 Status © Al Namber of Jobs ○ View All Jobs ○ Desired Namber of : 205 Status © Alexandre Aged Data	Software) Disk Library M 2 Commed Ext -05:00 Eastern Time (US & C 0 Completed Completed Note 10	Isintenance oot anada) End Time Failed 2	SRM Reports/AC     CommCell Impor     CommCell Impor     Iz 107794     Kiled     OK     Cance	
© Indall/Ligrads/Itemore © Information Nanagemen Of Information Nanagemen Of Indall Refreshing © Indula Refreshing © Inter State Time United State United State Time United S	Software) Disk Library M R 1 Commol Ex E -05:00 Eastern Time (US & C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Isintenance oot anada) End Time Failed 2	SRM Reports/Ac     CommCell Impor	
© Indall/Ligrads/Itemore © Information Nanagemen Of Information Nanagemen Of Indall Refreshing © Indula Refreshing © Inter State Time United State United State Time United S	Software) Disk Library M 2 Commed Ext -05:00 Eastern Time (US & C 0 Completed Completed Note 10	Isintenance oot anada) End Time Failed 2	SRM Reports/AC     CommCell Impor     CommCell Impor     Iz 107794     Kiled     OK     Cance	
© Indall/Ligrads/Itemore © Information Nanagemen Of Information Nanagemen Of Indall Refreshing © Indula Refreshing © Inter State Time United State United State Time United S	Software) Disk Library M 2 Commeller - 05 000 Eastern Time (US & C 0 Completed Completed Soft Time Completed Soft Time Completed	Isintenance oot anada) End Time Failed 2	SRM Reports/AC     CommCell Impor     CommCell Impor     Iz 107794     Kiled     OK     Cance	
© Indall/Ligrads/Itemore © Information Nanagemen Of Information Nanagemen Of Indall Refreshing © Indula Refreshing © Inter State Time United State United State Time United S	Software) Disk Library M R 1 Commol Ex E Completed Completed Sat Trac Sat Trac	Isintenance oot anada) End Time Failed 2	SRM Reports/AC     CommCell Impor     CommCell Impor     Iz 107794     Kiled     OK     Cance	
© Install Ligrado, Remove Difformation Nanagement Media Refreshing □ Sectify Time Range Time Zone: (Ceff Start Time [Fino 02100/201 122:0 205 Status © Al Namber of Jobs ○ View All Jobs ○ Desired Namber of : 205 Status © Alexandre Aged Data	Software) Disk Library M 2 Commeller - 05 000 Eastern Time (US & C 0 Completed Completed Soft Time Completed Soft Time Completed	Isintenance oot anada) End Time Failed 2	SRM Reports/AC     CommCell Impor     CommCell Impor     Iz 107794     Kiled     OK     Cance	

Previous Next >

# Install the 64-bit Exchange Agents for Exchange Server 2007 -Clustered Environment

< Previous Next >

Follow the steps given below to install the 64-bit Exchange Agents on Exchange Server 2007 or on Non-Exchange Server in a clustered environment.

# WHERE TO INSTALL

The Exchange Agents can be installed in one of two ways:

- Directly onto the Exchange Server. This method is referred to as an on-host installation and is useful if you want to preserve hardware resources.
- On a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

# **RELATED TOPICS**

#### **Download Software Packages**

Provides step-by-step procedure to download the latest packages for software install.

#### System Requirements

Verify that the computer in which you wish to install the software satisfies the System Requirements.

#### Firewall

Provides comprehensive information on firewall.

# PREREQUISITES

If you are installing the Exchange Agents on a 64-bit off-host proxy computer, perform the following pre-requisite task before installing these agents:

- Ensure that the proxy computer has been added to the same Domain in which the Exchange Server 2007 resides.
- Install Microsoft Outlook 2007 or higher on the off-host proxy computer in order to supply the software drivers necessary for Exchange-based agents to
  function in an off-host proxy configuration.

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

- Service account is a member of Exchange Organization Administrators group.
- The mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- Ensure that you assign full access to all mailboxes on the server. For details, see How do I Assign Full Access to All Mailboxes on a Server.

# **INSTALL PROCEDURE**

1. Log on to the computer using an account with the following privileges:

Select the option to Install Calypso on this 64-bit computer.

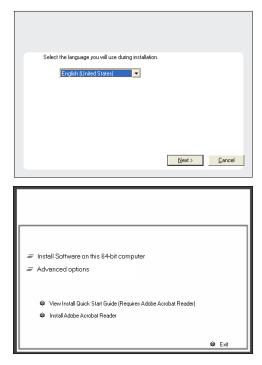
• Your screen may look different from the example shown.

- Administrator of the local computer
- Administrator of the Exchange Server
- 2. Run Setup.exe from the Software Installation Package.
- **3.** Select the required language.

Click Next.

NOTES:

4.



5. Select I accept the terms in the license agreement. Click Next.

6. Select Configure a Virtual Server. Click Next.

 Select the disk group in which the virtual server resides. Click Next.

- To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the **Exchange Archiver Agents**, expand **Client Modules | Archive Management**, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

For Non-Exchange Server, Exchange Database *i*DataAgent will not be applicable.

9. If this computer and the CommServe is separated by a firewall, select the **Configure** firewall services option and then click Next.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

installer	
License Agreement	icense Agreement Press
Please read the following L the PAGE DOWN key to vi	iew the entire agreement.
End User Li	icense and Limited Warranty Agreement
	Software Release 9.0.0
(in studie = Misson of	ft® SQL Server™ 2008 Enterprise Edition, SQL Server™
2008 Express E	dition and Windows Pre-Installation Environment)
	Fud Hoov I ianuan Aamawaut
I accept the terms in I	
C I do not accept the te	erms in the license agreement.
Installer	
	< Back Next > Cancel
	X
nstaller	
Cluster Type Selectio Configure the Physical No	
congae are rightearte	
Configuration Op	ptions
	he <u>Physical node</u>
C Configure a	
Conligure a	i ⊼iimai sei∧ei
	< Back Next> Cancel
nstaller	X
Virtual Server Select	tion
Select the virtual server ye	
Choose from	m the following list of disk groups
configured	on this cluster.
2003Cluste	erVMS 🗾
	< <u>B</u> ack <u>N</u> ext> <u>C</u> ancel
nstaller	×
Select Platforms	ant to configure
Select the platforms you wa	an to conguit.
- 0	
E Ca Common Techno	ology Engine Move the pointer over a platform name to see a
🙂 🛅 CommServe	Modules description of the platform and reasons why it may be
	onsole disabled.
E 🗅 Client Modules	Disk Cases
	ecovery a second
🛨 🗅 Web Based	Search & Browse Installation Folder:
	DataBenlicator
🛨 🗅 SRM	Temporary on U: drive:
🛨 🗅 Supporting M	Modules 0 MB/ 0 MB
🛨 🗅 Tools	~

Installer

Install Agents for Restore Only

< Back

Special Registry Keys In Use

Cancel

10. Enter the fully qualified domain name of the CommServe Host Name.

#### Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

11. Click Next.

**12.** Select **Add programs to the Windows Firewall Exclusion List**, to add CommCell programs and services to the Windows Firewall Exclusion List.

#### Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

C This machine car				
	r there is a Proxy in between			
C CommServe can	open connection toward this			
Installer				
			Next >	Cancel
nstaller				
CommServe Nam				
	e ve computer name and host			
CommServe	Client Name			
CommServe (Enter a val mycompute	Host Name id, fully-qualified, IP host nam r.mycompany.com)	e; for example:		
mycompute	er. mycompany. com	_		
Ingeomptie				
Installer				
	< B;	ack	Next>	Cancel
nstaller				
Communication I	nterface Name			
	ne communication paths.			
	Select a client name			
	audi on		•	
	,		_	
	Select an interface name I communicate with the Cor	hat this compu nmServe	uter will use to	
	audi.mycompany.com		•	
	IP Address(es) for the sele			
	IF Address(es) for the sele			
		cted host.		
		cted host.		
Installer		cted host.		
Installer	< B.		Next >	Cancel
Installer	< B.		Next >	Cancel
	< B		Next>	Cancel
Installer Installer	< B.		Next >	Cancel
nstaller Windows Firewal			Next >	Cancel
nstaller Windows Firewal Allow programs to cor	Exclusion List		Next >	Cancel
nstaller Windows Firewal Allow programs to cor Firewall Windows Firewal	Exclusion List	ack	Next>	Cancel
nstaller Windows Firewal Allow programs to cor Firewal Windows Firewal	Exclusion List mmunicate through Windows	ack		

< Back

Next >

Cancel

If there is a firewall between this machine and the CommServe, configure firewall services below.

Installer Firewall Configuration Configure firewall services

Configure firewall services

Installer

**13.** Verify the default location for software installation.

Click **Browse** to change the default location.

Click Next.

- Do not install the software to a mapped network drive.
- Do not use the following characters when specifying the destination path:

/:\*?"<>|#

		Installer	
		Destination Folder	
	It is recommended that you use alphanumeric characters only.	Select the destination folder to install the program files.	
		Click Next to accept the default location, or click Browse to choose Destination Folder	an altern
		E:\Program Files\	Bro
		Drive List C: 928 MB  Space Required / Rec 1394 MB / 16	
		Installer < Back Ne	ext >
14	Salast a Cliant Crown from the list		
14.	Select a Client Group from the list.	Installer	
	Click Next.	Client Group Selection Select a client group for the client.	
	This screen will be displayed if Client Groups are configured in the		
	CommCell Console.	The Client Group is a logical grouping of client machin which have the same associations at various levels lik Schedule Policy, Activity Control, Security and Report	ies (e Is.
		Client group: None Selected	
		client_group	
		Installer	
		< Back Ne	st >
15.	Click Next.	Installer	
		Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.	
		✓ Schedule Install of Automatic Updates	
		C Once	
		Time: 08:31:12 PM -	-
		<ul> <li>Weekly</li> <li>Monday</li> <li>Tu</li> </ul>	
		⊂ Wednesday ⊂ Th	nursday
		C Friday C Sa	durdau
		C Sunday	
		Installer	
		< Back Ne	st >
16.	Select a <b>Storage Policy</b> .	Installer	
	Click Next.	Storage Policy Selection	
		Select a storage policy for the default subclient to be backed up.	
		Configure for Laptop or Desktop Backup	
		Select a storage policy from the pull-down list.	
		Unassigned	•
		Installer	
		< Back Ne	st >
	If you do not have Storage Policy created, this message will be displayed.	Installer Storage Policy Selection	
	Click <b>OK</b> .	Select a storage policy for the default subolient to be backed up.	
		Configure for Laptop or Desktop Backup	
	You can create the Storage Policy later in step 31.		

• If you are installing the Exchange Database iDataAgent on the Exchange Server, click Configure Exchange Database Specific Information.

Installe

X

ate location.

Cancel

Cancel

Cancel

Cancel

Cancel

Г

Next >

Bao

X

X

• If you are installing the Exchange Agents on the Non-Exchange Server, skip to Configure Exchange Agents Specific Information.

#### CONFIGURE EXCHANGE DATABASE SPECIFIC INFORMATION

- 17. Select the backup type for Exchange Database backups. Choose either of the following options, then click **Next**.
  - Differential Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged.
  - **Incremental** Specifies that each non-full Exchange Database backup secures only that data that has changed since the last backup of any type. Committed transaction logs are purged.

Installer	×
Exchange Backup Option	
Please select a default backup	type
O Differential	Backs up changes in the Information Store and Directory Service since the last Full backup, Does not purge the
	Full backup. Does not purge the
	transaction logs.
Incremental	Packs up deanges in the Information
· incremental	Backs up changes in the Information Store and Directory Service since the last
	Full backup or Incremental backup. The committed Iransaction logs are then
	purged.
Installer	
maxanar	<back next=""> Cancel</back>
	<back next=""> Cancel</back>
	X
Enter Administrator accou	
Enter Administrator account info	
Account N	lame:
Account F	Pareward.
	district.
Domain:	
EXCH	
IEACH	
	Next > Cancel
Installer	
Summary	
Summary of install selections	
Setup has enough informatic	on to start copying the program files. If you are satisfied with the
install settings, click Next to	begin copying files.
	~
	<u></u>
Destination Path - Cil Deser	am Files)
Destination Path = C:\Progr CommServe Host = mycomp Interface Name = audi.myco	ulter.mycompany.com
Interface Name = audi.myco Client = audi	ompany.com
Job Results Path = C:\Progr	am FilesWobResults
Global Filters = Use Cell leve	
<	5
Installer	
	<back next=""> Cancel</back>
Installer	
Please verify that Gro backup operations.	ular Logging is disabled before performing any database
<ul> <li>Dackup oper dubits.</li> </ul>	
	0K

- **18.** Enter the user credentials to access the Exchange Server to perform the backup operation.
  - The User Account must have Exchange Administrator privileges.
  - The installation detects the domain name. If necessary, you can modify the domain name by specifying Windows domain that the Exchange Server resides in.

19. Click Next.

- **20.** The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is disabled:
  - From Exchange System Manager, navigate to and expand the server that the Database *i*DataAgent is being installed on.
  - Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

- If you are installing the Exchange Agents, then click Configure Exchange Agents Specific Information.
- If you are installing the Exchange Database *i*DataAgent, skip to Install Remaining Cluster Nodes.

## CONFIGURE EXCHANGE AGENTS SPECIFIC INFORMATION

21. Select Exchange Server Name and Exchange Server Version from drop-down list.

Click Next.

This screen will appear when you are installing Exchange Agents on Non-Exchange Server.

22. Click Next.

- 23. Enter the following Exchange Administrator information then click **Next**.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - **Profile Name** Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - Exchange Server Name Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.
  - **Domain** The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.

Installer	×
Exchange Serve	er Name
Please provide Exc	
	Exchange Server
	Exchange Server Name:
	Exchange_Server
	lenonange_een er
	Exchange Server Version
	Exchange 2007
Installer	
	< <u>B</u> ack <u>N</u> ext > <u>C</u> ancel
Installer	
C.	
Summary	1 A A
Summary of install :	relections
Cotup has one	ugh information to start copying the program files. If you are satisfied with the
install settings.	click Next to begin copying files.
	5 10 5
	A
Destination Pat	h = C:\Program Files\
Destination Pat CommServe Ho Interface Name	h = C\Program Files\ st = mycomputer.mycompany.com = audi.mycompany.com
Interface Name Client =audi	= audi.mycompany.com
Interface Name Client =audi Job Results Pat	= audi.mycompany.com h = C:\Program Files\JobResults
Interface Name Client =audi Job Results Pat	= audi.mycompany.com
Interface Name Client =audi Job Results Pat	= audi.mycompany.com h = C:\Program Files\JobResults
Interface Name Client =audi Job Results Pat Global Filters =	= audi.mycompany.com h = C.\Program Files\JobResuits Use Cell level policy
Interface Name Client =audi Job Results Pat Global Filters =	= audi mycompany.com h = C:\Program Files\JobResults Use Cell level policy
Interface Name Client =audi Job Results Pat Global Filters =	= audi.mycompany.com h = C.\Program Files\JobResuits Use Cell level policy
Interface Name Client =audi Job Results Pat Global Filters =	= audi mycompany.com h = C:\Program Files\JobResults Use Cell level policy
Interface Name Client =audi Job Results Pat Global Filters =	= audi mycompany.com h = C:\Program Files\JobResults Use Cell level policy
Interface Name Client = audi Job Results Pat Global Filters =	= audi mycompany.com h = C:\Program Files\JobResults Use Cell level policy
Interface Name Client = audi Job Results Pat Global Filters = Installer	= aud.mycompary.com h = C.\Program Files\JobResults Use Cell level policy Cancel Cancel
Interface Name Client = audi Job Results Pat Global Filters = Installer Installer Exchange Admi	= audi mycompany.com h = C:\Program Files\JobResults Use Cell level policy
Interface Name Client = audi Job Results Pat Global Filters = Installer Installer Exchange Admit Information	= aud. mycompary.com h = C.YProgram Files/JobResults Use Cell level policy < Back Next > Cancel nistrator Account
Interface Name Client = audi Job Results Pat Global Filters = Installer Installer Exchange Admi	= aud. mycompary.com h = C.YProgram Files/JobResults Use Cell level policy < Back Next > Cancel nistrator Account
Interface Name Client = audi Job Results Pat Global Filters = Installer Installer Exchange Admit Information	= aud. mycompary.com h = C.YProgram Files/JobResults Use Cell level policy < Back Next > Cancel nistrator Account
Installer Installer Exchange Admi Installer Exchange Admi Information Mailox and Profile	= aud. mycompany.com h = C.\Program Files\UobResults Use Cell level policy < Back Next > Cancel Next > Cancel Next > Cancel Next > Cancel
Installer Installer Exchange Admi Installer Exchange Admi Information Mailox and Profile	aud. mycompany.com     h = C.YProgram Files/JobResults Use Cell level policy     Cancel      Cancel      nistrator Account      information      xchange account information required below. A new profile will be created with
Interface Name Dient - audi Job Results Pat Giobal Filters = Installer Exchange Admi Information Maibox and Profile Please enter the Ethe information sup	aud. mycompany.com     h = C.\Program Files/JobResults Use Cell level policy     Cancel      Cancel      information      kchange account information required below. A new profile will be created with pled.
Interface Name Dient - audi Job Results Pat Global Filters = Installer Exchange Admi Information Mailbox and Profile Please enter the Ex	aud. mycompany.com     h = C.YProgram Files/JobResults Use Cell level policy     Cancel      Cancel      nistrator Account      information      xchange account information required below. A new profile will be created with
Interface Name Dient - audi Job Results Pat Giobal Filters = Installer Exchange Admi Information Mailtox and Profile Please enter the Et the information sup	aud. mycompany.com     h = C.\Program Files/JobResults Use Cell level policy     Cancel      Cancel      information      kchange account information required below. A new profile will be created with pled.
Installer Installer	
Interface Name Dient - audi Job Results Pat Giobal Filters = Installer Exchange Admi Information Maibox and Profile Please enter the Ethe information sup	
Interface Name Client - audi Job Results Pat Global Filters = Installer Exchange Admi Information Maibox and Profile Please enter the E- the information sup Account Name:	
Interface Name Client - audi Job Results Pat Global Filters = Installer Exchange Admi Information Maibox and Profile Please enter the E- the information sup Account Name:	
Installer Installer Installer Installer Installer Installer Installer Installer Account Name: Account Name: Account Password	
Interface Name Client - audi Job Results Pat Global Filters = Installer Exchange Admi Information Maibox and Profile Please enter the E- the information sup Account Name:	
Installer Installer Installer Installer Installer Installer Installer Installer Account Name: Account Name: Account Password	
Installer Installer Installer Installer Installer Installer Installer Installer Account Name: Account Name: Account Password	
Installer Installer Installer Exchange Admi Information sup Account Name Account Name for II Malibox Name for II	
Interface Name Client - audi Job Results Pat Global Filters = Installer Exchange Admi Information Mailbox and Profile Please enter the Ex the information sup Account Name: Account Password	
Installer Installer Installer Exchange Admi Information sup Account Name Account Name for II Malibox Name for II	

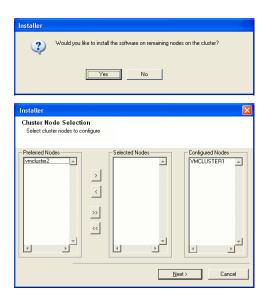
#### INSTALL REMAINING CLUSTER NODES

24. To install the software on the remaining nodes of the cluster, click Yes.To complete the install for this node only, click No.

25. Select cluster nodes from the **Preferred Nodes** list and click the arrow button to move them to the **Selected Nodes** list.

Once you complete your selections, click Next.

- The list of **Preferred Nodes** displays all the nodes found in the cluster; from this list you should only select cluster nodes configured to host this cluster group server.
- Do not select nodes that already have multiple instances installed.



Specify User Name and Password for the Domain Administrator account 26. Information to perform the remote install on the cluster nodes you selected in the previous step.

27.	The progress of the remote install for the cluster nodes is displayed; the install can be
	interrupted if necessary.

Click **Stop** to prevent installation to any nodes after the current ones complete.

Click Advanced Settings to specify any of the following:

- Maximum number of nodes on which Setup can run simultaneously.
- Time allocated for Setup to begin executing on each node, after which the install attempt will fail.
- Time allocated for Setup to complete on each node, after which the install attempt will fail.

If, during the remote install of a cluster node, setup fails to complete or is interrupted, you must perform a local install on that node. When you do, the install begins from where it left off, or from the beginning if necessary. For procedures, see Manually Installing the Software on a Passive Node.

28.	Read the summary for remote installation to verify that all selected nodes were
	installed successfully.

Click Next.

- If any node installation fails, you must manually install the software on that node once the current installation is complete. See Manually Installing the Software on a Passive Node for step-by-step instructions.
- The message displayed on your screen will reflect the status of the selected nodes, and may look different from the example.

29. Click Next.

Please provide domain administrator account
Domain Account Information User Name (xDDMAIN/USER); LAB Vadministrator Account Password:
<u>&lt; B</u> ack <u>N</u> ext> Cancel
Installer 🔀
You can stop remote install at any time. Installed clients will not be uninstalled. Clients in progress will continue installation, but their results will not show correctly.
Client Name Client Status Start Time End Time Result Description resi2
Installed successfully: 0 Left to install: 1 Failed to install: 0 In progress: 0 Max 1 =
Elapsed time: 0 sec Estimated time left: 10 min 0 sec
Installer Advanced Settings
Number of simultaneous remote machines to run Setup: 10 $\frac{1}{2}$ machines Time to wait for Setup to start on each remote machine: 2 $\frac{1}{2}$ minutes Time to wait for Setup to complete on each remote machine: 15 $\frac{1}{2}$ minutes
nstaller 🛛 🗙
Results Remote install results
Summary of remote install
The following software (Version ) were selected to be installed:
×
installer 🛛 🔀
Schedule Reminder Job schedule creation reminder
Please note: You still need to create a Job Schedule for each DataAgent that has been installed on this client computer. Job Schedules are required to allow the DataAgents to perform automated backup and restore operations.
Job Schedule creation can be accomplished through the CommCell Console administration interface.
Installer

Domain administrator account information

Software	installation completed successfully.		2
Visit the	vebsite below to download latest Updates and S	Service Packs.	
Click Fini	sh to complete Setup.		

If you already have a storage policy selected in step 16, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

- 31. Create a Storage Policy:
  - 1. From the CommCell Browser, navigate to Policies.
  - 2. Right-click the Storage Policies and then click New Storage Policy.
  - 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
    - Select the Storage Policy type as Data Protection and Archiving and click Next.
    - $\circ~$  Enter the name in the Storage Policy Name box and click Next.
    - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the **MediaAgent** list, click the name of a MediaAgent that will be used to create the primary copy and then click **Next**.
- For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

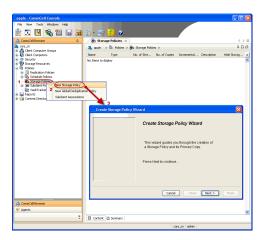
 $\circ~$  Review the details and click Finish to create the Storage Policy.

32. Enable the following registry key to create job specific profiles:

- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.



Previous Next >

# Install the 32-bit Exchange Agents for Exchange Server 2010 or 2007



Follow the steps given below to install Exchange Agents on one of the following:

- 64-bit Exchange Server 2010
- 64-bit Exchange Server 2007
- 64-bit Non-Exchange Server

# WHERE TO INSTALL

The Exchange Agents can be installed in one of two ways:

- Directly onto the Exchange Server. This method is referred to as an on-host installation and is useful if you want to preserve hardware resources.
- On a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

Install the Exchange Agents on all the nodes on which backups have to be run in a DAG configuration.

# INSTALLATION

The software can be installed using one of the following methods:

#### **METHOD 1: INTERACTIVE INSTALL**

Use this procedure to directly install the software from the installation package or a **System Requirements** network drive.

#### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

Use this procedure to remotely install the software on a client computer.

# **RELATED TOPICS**

Download Software	Packages		
Provides step-by-step packages for software	procedure to install.	download	the latest

Verify that the computer in which you wish to install the software satisfies the System Requirements.

Firewall

Provides comprehensive information on firewall.

#### PREREQUISITES

If you are installing the Exchange Agents on a 64-bit off-host proxy computer, perform the following pre-requisite task before installing these agents:

- Ensure that the proxy computer has been added to the same Domain in which the Exchange Server 2007 resides.
- Install Microsoft Outlook 2007 or higher on the off-host proxy computer in order to supply the software drivers necessary for Exchange-based agents to function in an off-host proxy configuration.

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

#### FOR EXCHANGE SERVER 2010

- Ensure that the service account is a member of Organization Management group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- To assign full access follow the steps given below:
- Using ADSIEDIT navigate to Configuration | Services | Microsoft Exchange.
- Right-click your organization name, click Properties | Securities and click the Advanced tab.
- Click Edit to modify the permissions set for Organization Management group.
- Click to select Full Control, Receive As and Send As permissions and wait for replication.
- Click the Effective Permission tab and Select the name of the backup account.
- The backup account should display the following as selected:

Full Control

All Extended Rights

Send As

Receive As

• Start the PowerShell and type the following to add the backup account so it has full control over all the databases:

Get-MailboxDatabase -server (server name) | Add-ADPermission -user "backup account" -ExtendedRights Receive-As

Run the above PowerShell every time a new database is added.

• Navigate to the Exchange Management Console, right-click the <mailbox> and click Manage Full Access Permissions to view the mailbox listed under Full Access Permissions.

#### FOR EXCHANGE SERVER 2007

- Service account should be a member of Exchange Organization Administrators group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.

# **METHOD 1: INTERACTIVE INSTALL**

# INSTALL THE EXCHANGE DATABASE /DATAAGENT

The Exchange Database iDataAgent must be installed first. Follow the steps described below to install Exchange Database iDataAgent.

- **1.** Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server

#### 2. Run Setup.exe from Software Installation Package.

3. Select the required language.

Click Next.

4.	Select the option t	o Install	Calypso on	this	64-bit	computer
	beleet the option t				• • • • •	

Your screen may look different from the example shown.

5.	Select I accept the terms in the license agreement.
	Click Next.

Select the language you will use during installation. (English (United States)
Next > Cancel
<ul> <li>View Install Quick Start Guide (Requires Adobe Acrobat Reader)</li> <li>Install Adobe Acrobat Reader</li> <li>Exit</li> </ul>
Installer  License Agreement  Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement.
End User License and Limited Warranty Agreement Software Release 90.0
(including Microsoft® SQL Server <sup>™</sup> 2008 Enterprise Edition, SQL Server <sup>™</sup> 2008 Express Edition and Windows Pre-Installation Environment) Fuel User V Issues Assessment
I accept the terms in the license agreement.     I do not accept the terms in the license agreement.     Installer
< Back Next> Cancel

6. Expand Client Modules | Backup & Recovery | Exchange | File System and select Exchange Database *i*DataAgent.

	Installer Select Platforms	
	Select the platforms you want to c	configure.
	Common Technology     Common Technology	les reactors why it may be disabled disabled ry - Disk Space ry - Disk Space (Rec Recommended) h & Browse ent 0 MB/ 0 MB plicator Temporary on C. drive:
if this computer and the CommServe is irewall services option and then click	s separated by a firewall, select the <b>Configure</b> k <b>Next</b> .	×
For firewall options and configuration ir continue with the installation.	nstructions, see Firewall Configuration and	
If firewall configuration is not required,	, click Next.	machine and the CommServe, configure firewall services below.
	Commoerve are blocked, and a machine, or whether there is a f	nection to CommServe on tunnel port action toward this machine
inter the fully qualified domain name o		
Click <b>Next</b> .	CommServe Name Specity the CommServe compute name	r name and host
Do not use space and the follow name for the CommServe Host	ving characters when specifying a new Name:	ie
\ `~!@#\$%^&*()+=<>/?,[]{]	CommServe Host Name	(fied, IP host name; for example: y.com)
	Installer	<back next=""> Cancel</back>
Click <b>Next</b> .	Installer Communication Interface I Setup will configure the communic	
	levelcr	
	communi audi.myc	interface name that this computer will use to cate with the CommServe company.com st(es) for the selected host.
	Installer	<back next=""> Cancel</back>

8. Enter the fully qualified domain name of the CommSe

#### Click Next.

7.

9. Click Next.

Select Add programs to the Windows Firewall Exc 10. programs and services to the Windows Firewall Exclusi

Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

11.

12.

13.

	Installer
	Windows Firewall Exclusion List Allow programs to communicate through Windows Firewall
	Windows Firewall is ON
	Add programs to the Windows Firewall Exclusion List
	If you plan on using Windows Firewall, it is recommended to add the software programs to the exclusion list.
	Installer < Back Next > Cancel
Verify the default location for software installation.	Installer
Click <b>Browse</b> to change the default location.	Destination Folder Select the destination folder to install the program files.
Click Next.	
<ul> <li>Do not install the software to a mapped network drive.</li> <li>Do not use the following characters when specifying the destination path: <ul> <li>/:*?"</li> <li>#</li> </ul> </li> </ul>	Click Next to accept the default location, or click Browse to choose an alternate location.           Destination Folder           Image: Strange Stran
It is recommended that you use alphanumeric characters only.	Drive List C: 928 MB Installer C: 928 MB C: 92
Select a Client Group from the list.	Installer
Click Next.	Client Group Selection Select a client group for the client.
This screen will be displayed if Client Groups are configured in the CommCell Console.	The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected client_group
	Installer Cancel
Click <b>Next</b> .	Installer Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.
	<ul> <li>✓ Schedule Install of Automatic Updates</li> <li>○ Once</li> <li>○ Weekly</li> <li>○ Weekly</li> <li>○ Wednesday</li> <li>○ Thursday</li> <li>○ Friday</li> <li>○ Saturday</li> <li>○ Sunday</li> </ul>

#### Select a Storage Policy. 14. Click Next.

Pag	ge 2	9 (	of	11	1

X

15.

16.

17.

Select a storage policy from the pull-down list. Unassigned Installe < Back Next> If you do not have Storage Policy created, this message will be displayed. nillo rage Policy Selection Select a storage policy for the default suboli backed up. ent to be Click OK. Configure for Laptop or Desktop Backup You can create the Storage Policy later in step 21. Next > Select the backup type for Exchange Database backups. Choose either of the Installe following options, then click Next. Exchange Backup Options Please select a default backup type • Differential - Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged. • Incremental - Specifies that each non-full Exchange Database backup secures Backs up changes in the Information Store and Directory Service since the last Full backup. Does not purge the transaction logs. C Differential only that data that has changed since the last backup of any type. Committed transaction logs are purged. Incremental p changes in the financiau id Directory Service since the las kup or Incremental backup. The ed transaction logs are then Installer <Back Next> Enter the user credentials to access the Exchange Server to perform the backup operation. Enter Administrator account information Enter Administrator account information • The User Account must have Exchange Administrator privileges. • The installation detects the domain name. If necessary, you can Account Name modify the domain name by specifying Windows domain that the Exchange Server resides in. Account Passwo Click Next. Installer Summary Summary of install selections Setup has enough information to start copying the program files. If you are satisfied with the install settings, click Next to begin copying files. Destination Path = C:\Program Files\ CommServe Host = mycomputer.mycompany.com Interface Name = audi.mycompany.com Client = audi Job Results Path = C:\Program Files\JobResults Global Filters = Use Cell level policy Installer < Back Next >

Installer

Storage Policy Selection

Select a storage policy for the default subclient to be backed up.

🔲 Configure for Laptop or Desktop Backup

-

Cancel

Cancel

Cancel

<u>Cancel</u>

^

\*

Cancel

×

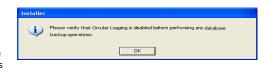
18. The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is disabled:

- From Exchange System Manager, navigate to and expand the server that the Database *i*DataAgent is being installed on.
- Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

19. Click Next.

20. Click Finish.



Installer	<
Schedule Reminder Job schedule creation reminder	
Please note: You still need to create a Job Schedule for each iDataAgent that has been installed on this client computer. Job Schedules are required to allow the iDataAgents to perform automated backup and restore operations. Job Schedule creation can be accomplished through the CommCell Console administration interface.	
administration interface. Installer <u>Next &gt; </u>	
Installer	<
Completion Report Setup complete	
Software installation completed successfully.            Software installation completed successfully.	
Installer Technical Support Website Enish	

If you already have a storage policy selected in step 14, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

21. Create a Storage Policy:

5

- 1. From the CommCell Browser, navigate to **Policies**.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
  - Select the Storage Policy type as Data Protection and Archiving and click Next.
  - $\circ~$  Enter the name in the Storage Policy Name box and click Next.
  - From the Library list, click the name of a disk library to which the primary copy should be associated and then click Next.

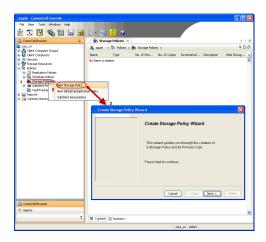
Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- For the device streams and the retention criteria information, click Next to accept default values.
- Select **Yes** to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

 $\circ~$  Review the details and click Finish to create the Storage Policy.

• If you want to install Exchange Agents (such as Exchange Mailbox iDataAgent, Exchange Public Folder iDataAgent, Exchange Mailbox Archiver



and/or Exchange Public Folder Archiver), click Create the Registry Keys.

 If you are installing the Exchange Database iDataAgent, click Next > button available at the bottom of the page to proceed to the Configuration section.

## CREATE THE REGISTRY KEYS

Create the bAllowMultiInstances and bAllow32BitInstallOn64Bit registry keys.

22. Create the bAllowMultiInstances registry key.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Redegt32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY\_LOCAL\_MACHINE\SOFTWARE\.
- 3. Right click the SOFTWARE and click New -> Key.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New -> DWORD value, name it as bAllowMultiInstances and by double clicking the bAllowMultiInstances key modify the Value data to 1.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Regedit32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node.
- 3. Right click the SOFTWARE and click New -> Key.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New -> DWORD value, name it as bAllow32BitInstallOn64Bit and by double clicking the bAllow32BitInstallOn64Bit key modify the Value data to 1.

Select the language you will use during installation. (English (United States)	Next > Cancel
	Text Tares
<i>≡</i> Software install options <i>≡</i> 32-bit Software install options	⊕ Exit

24. Run Setup.exe from Software Installation Package.

Create the bAllow32BitInstallOn64Bit registry key.

25. Select the required language. Click Next.

23.

26. Select the Calypso 32-bit Software install options to install software.
NOTES

• This screen will only appear when the bAllow32BitInstallOn64Bit registry key has been created and enabled on this computer.

27. Select I accept the terms in the license agreement. Click Next. **28.** Select **Create a new instance** option to install the Exchange Agents on separate instance.

#### NOTES

- This screen will appear when the bAllowMultiInstances registry key has enabled on this computer.
- This screen will not appear if no other software components are installed on the computer.
- 29. To install the Exchange *i*DataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the **Exchange Archiver Agents**, expand **Client Modules | Archive Management**, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

Note that the Exchange Database *i*DataAgents must be installed on the Exchange Server, see Install the Exchange Database *i*DataAgent for stepby-step procedure.

**30.** If this computer and the CommServe is separated by a firewall, select the **Configure firewall services** option and then click **Next**.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

CommServe is reachable only through a proxy

Next >

Cancel

Installer

**31.** Enter the fully qualified domain name of the **CommServe Host Name**.

#### Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

32. Click Next.

If there is any other instance installed on the computer, make sure that the host name does not match the client name entered in the **Select a client name** field in the previous instance.

33. Select Add programs to the Windows Firewall Exclusion List, to add CommCell programs and services to the Windows Firewall Exclusion List.

#### Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

**34** Verify the default location for software installation.

Click **Browse** to change the default location.

#### Click Next.

- Do not install the software to a mapped network drive.
- Do not use the following characters when specifying the destination path:

/:\*?"<>|#

It is recommended that you use alphanumeric characters only.

#### **35.** Select a Client Group from the list.

#### Click Next.

This screen will be displayed if Client Groups are configured in the CommCell Console.

Installer						X
CommServe Name						
Specify the CommServ name	e computer nam	e and host				
CommServe	Client Name		_			
Const Const	Unit Mana					
CommServe I (Enter a valid mycomputer.	, fully-qualified, I mycompany.com	P host name; i)	for example			
mycomputer	mycompany.com	n				
Installer						
Tristaller		< Bac	* <b>_</b>	Next >	Cancel	
stallor						X
istaller		_				<u>(</u>
Communication In Setup will configure the						
	Select a client	name				
	audi_cn			•		
	Select an inter communicate s	iace name th vith the Comr	at this comp nServe	uter will use to		
	audi.mycompa	nv.com		•		
	IP Address(es)		ted host.	_		
Installer						
		< Bac	*k	Next >	Cancel	
ıstaller						X
Mindows Firewall Allow programs to com						
Firewall						
Windows Firewall i	is ON					
Add programs	to the Windows	Firewall Exclu	usion List			
If you plan on usin exclusion list.	g Windows Fire	vall, it is reco	mmended to	add the software	e programs to th	e
Installer		< Bac	×	Next>	Cancel	
nstaller						X
Destination Folder Select the destination f	older to install th	e program file	**			_
Solet the destination		o program no				
Click Next to accept	the default local	ion, or click E	frowse to ch	oose an alternat	e location.	
Destination Folder						
C:\Program Files\				Brow	se	
Drive List		- So	e Berrirod	Recommended		
C: 928 MB	•	spac		Hecommended 3 / 1670 MB		

< Back

Next>

Cancel

Installer

36. Click Next.

**37.** Select a **Storage Policy**. Click **Next**.

If you do not have Storage Policy created, this message will be displayed. Click  ${\bf OK}.$ 

You can create the Storage Policy later in step 43.

**38.** Select **Exchange Server Name** and **Exchange Server Version** from drop-down list.

#### Click Next.

This screen will appear when you are installing  $\ensuremath{\mathsf{Exchange}}$  Agents on Non-Exchange Server.

Installer	
Client Group Sele	
Select a client group	for the Client.
The whic Solo	Client Group is a logical grouping of client machines ch have the same associations at various levels like edule Policy, Activity Control, Security and Reports.
Sch	ouse noncy, working control, deculity and nepotts.
	-
	Client group:
	None Selected client_group
Installer	
	< Back Next > Cancel
Installer	×
Schedule Install Choose when you w	of Automatic Updates vant to schedule an install of the
downloaded update:	s.
Schedule Ins	stall of Automatic Updates
C Once	Time: 08:31:12 PM
Weekly	
	Monday C Tuesday
	C Wednesday C Thursday
	C Friday C Saturday
	C Sunday
Installer	
	< Back Next > Cancel
Installer	
Storage Policy S	Selection
Select a storage po	plicy for the default subclient to be
backed up.	
Configure for	Laptop or Desktop Backup
Select a stor	rage policy from the pull-down list.
Installer	
	< Back Next > Cancel
Installer Storage Policy S	Selection
	licy for the default subolient to be
E Configure for	r Laptop or Desktop Backup
Installer	
	< Back Next > Cancel
Installer	×
Exchange Server	r Name
Please provide Exch	
	Exchange Server
	Exchange Server Exchange Server Name:
	Exchange Server Exchange Server Name: Exchange_Server
	Exchange Server Name: Exchange_Server
	Exchange Server Name: Exchange_Server Exchange Server Version
	Exchange Server Name: Exchange_Server
	Exchange Server Name: Exchange_Server Exchange Server Version
	Exchange Server Name: Exchange_Server Exchange Server Version
Installer	Exchange Server Name: Exchange_Server Exchange Server Version

- **40.** Enter the following Exchange Administrator information then click **Next**.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - Profile Name Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - Exchange Server Name Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.

Enter the Mailbox Role Server name (NetBIOS). After installation configure the roles as described in Configure Mailboxes in Database Availability Group (DAG) Servers.

- Domain The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.
- 41. Click Next.

42. Click Finish.

Installer	X
Summary	
Summary of install selections	
Setup has enough information to start copying the install settings, click Next to begin copying files.	e program files. If you are satisfied with the
Destination Path = C-VProgram Files\ CommServe Hoat = mpcomputer mpcompany.com Interface Name = audi.mpcompany.com Clernt = audi Job Results Path = C-VProgram Files\JobResults Global Filters = Use Cell level policy	✓
Installer <	< Next > Cancel
Installer	
Exchange Administrator Account	
Information Mailbox and Profile information	
Please enter the Exchange account information requi	ired below. A new profile will be created with
Account Name:	Profile Name:
Account Password:	xchange Server Name:
Mailbox Name for this Account:	Domain:
Installer	
<pre>ristaller &lt; Bacl </pre>	< Next > Cancel
Installer	
Installer Schedule Reminder Job schedule creation reminder	X
Schedule Reminder	n DataAgent that has been installed on
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each	
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData%	gents to perform automated backup
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and resture operations. Job Schedule creation can be accomplished th	gents to perform automated backup
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and resture operations. Job Schedule creation can be accomplished th	gents to perform automated backup
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iDataQu and restore operations. Job Schedule creation can be accompliched the administration interface.	gents to perform automated backup
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iDataAg and restore operations. Job Schedule creation can be accomplished the administration interface.	gents to perform automated backup ough the CommCell Console
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iDataQu and restore operations. Job Schedule creation can be accomplicited the administration interface.	gents to perform automated backup ough the CommCell Console
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iDataAg and restore operations. Job Schedule creation can be accomplished the administration interface.	gents to perform automated backup ough the CommCell Console
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this clerit computer. Job Schedules are required to allow the DataQu and residue operations. Job Schedule creation can be accomplished the administration interface.	perts to perform automated backup ough the CommCell Console
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iDataAg and restore operations. Job Schedule creation can be accomplished the administration interface.	perts to perform automated backup ough the ConnoCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this clerit computer. Job Schedules are required to allow the DataQu and residue operations. Job Schedule creation can be accomplished the administration interface.	perts to perform automated backup ough the ConnoCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this clert computer. Job Schedules are required to allow the iData% and restrice operations. Job Schedule creation can be accomplished th administration interface. Installer Installer Completion Report Setup complete Software installation completed successfully. Visit the vebsite below to download latest Updates ar	perts to perform automated backup ough the ConnoCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and restrice operations. Job Schedule creation can be accomplished th administration interface. Installer Installer Completion Report Setup complete Software installation completed successfully. Visit the vebsite below to download latest Updates an	perts to perform automated backup ough the ConnoCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and restrice operations. Job Schedule creation can be accomplished th administration interface. Installer Installer Completion Report Setup complete Software installation completed successfully. Visit the vebsite below to download latest Updates an	perts to perform automated backup ough the CommCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and restrice operations. Job Schedule creation can be accomplished th administration interface. Installer Installer Completion Report Setup complete Software installation completed successfully. Visit the vebsite below to download latest Updates an	perts to perform automated backup ough the ConnoCell Console <u>Next</u> >
Schedule Reminder Job schedule creation reminder Please note: You still need to create a Job Schedule for each this client computer. Job Schedules are required to allow the iData% and restrice operations. Job Schedule creation can be accomplished th administration interface. Installer Installer Completion Report Setup complete Software installation completed successfully. Visit the vebsite below to download latest Updates an	perts to perform automated backup ough the CommCell Console <u>Next</u> > d Service Packs.

If you already have a storage policy selected in step 37, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

# 43. Create a Storage Policy:

- 1. From the CommCell Browser, navigate to **Policies**.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options

are mentioned below:

- Select the Storage Policy type as Data Protection and Archiving and click Next.
- Enter the name in the Storage Policy Name box and click Next.
- From the Library list, click the name of a disk library to which the primary copy should be associated and then click Next.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- $\circ\;$  For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

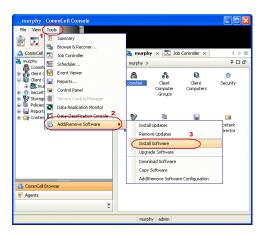
- Review the details and click **Finish** to create the Storage Policy.
- 44. Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click Properties.
  - Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

 $\ensuremath{\mathsf{Enter}}$  MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

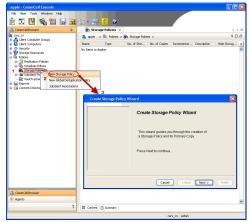
- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

## METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

1. From the CommCell Browser, select **Tools**, point to **Add/Remove Software**, and then click **Install Software**.



2. Click Next.



3. Select Windows. Click Next.

4. Select Manually Select Computers. Click Next.

5. Enter the fully qualified domain name of the computer on which you have Exchange Server.

For example: win08ex07.idclab.loc

Click Next.

Install Wizard
This wizard guides you through the steps required to install software on computers.
Click Next to continue.
< Back Next > Save As Script Finish Cancel Help
Installer
Select the computer's operating system
ablet the computer a operating system
( Windows
O Unix and Linux
< Back Next >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
< Back Script Finish Cancel Help
Installer
İnstaller 🛛
Installer  Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software of Hanualy select computers Software will be installed only on the selected lst of computers. Automatically discover computers
Select how to discover the computers for installing the software           Image: Select computers         Schward with the soft only on the selected lat of computers.         Automatically discover computers         Computers will be discovered when the job runs.         Computers will be discovered when the job runs.   <
Select how to discover the computers for installing the software Subset computers Subset computers Automatically discovere computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.
Select how to discover the computers for installing the software handly select computers Software will be installed only on the selected list of computers. Automatically discover computers Computers will be discovered when the job runs. Cepters will be discovered when the job runs. Several As Sorpt: Fresh Cancel Edit
Solect how to discover the computers for installing the software handly select computers handly select computers handly doover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Centre the board mark of the computers Free the hoar tames of the computers Hase are the hoar tames of the computers
Solect how to discover the computers for installing the software handly select computers handly doown computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.
Select how to discover the computers for installing the software  I drawaly select computers  Automatically discover computers Computers will be discovered when the job runs.  Computers will be discovereed when the job runs.  Compute
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software
Select how to discover the computers for installing the software

6. Click Next.

 Specify User Name and Password that must be used to access the computer. Click Next.

- To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

Click Next.

For Non-Exchange Server, Exchange Database  $i\mbox{DataAgent}$  will not be applicable.

9.

- Select Client Group from Available and click Add.
  - Select a **Storage Policy** from the drop-down list. Click **Next**.

NOTES:

 Select the Configure for Laptop or Desktop Backup option to install Backup Monitor utility. This utility allows you to view the backup job summary from the client computer without opening the CommCell Console. See Monitor - Laptop User for more information.

Select Software Cache	
To use current Client or Client Group Soft Override Software Cache and select the	tware Cache settings, click Next. To override Software Cache settings check Software Cache to be used.
Override Software Cache	
Software Cache: murphy.doma	n.company.com
< Back	ext > Save As Script Finish Cancel Help
Installer	×
Enter Account Informatio	on
The specified account should ha	ve administrative access to the computer. If you are installing
multiple clients, the user should	nave access to all cliencs.
Reuse Active Director	y credentials
User Name:	
osci Namo.	Example:domain\username
Password:	
Confirm Password:	
]	
< Back Next >	Save As Script Finish Cancel Help
Installer	×
Select Package(s) to Install	8
Select Package(s) to Install	X A
Select Package(s) to Install	X
Select Package(s) to Install	
Select Package(s) to install	
Select Package(ý to Install	к
Select Package(ý to Install	к
Select Package(y) to Install	
Select Package(y) to Install	
Select Package(y) to Install	
Select Package(y) to Install	4 1 199
Select Package(s) to Install	4 1 199
Select Package(s) to Install	4 1 199
Select Package(y) to Install	4 199
Select Package(t) to Install	arop t t
Select Package(y) to Install	4 5 999 5
Select Package(t) to Install	
Select Package(s) to Install	
Select Package(s) to Install	4 4 4 4 4 4 4 4 4 4 4 4 4 4
Select Package(s) to Install  So Server Dealogie S	
Select Package(s) to Install  Solution	anor c each tents for As Sorrer Tents the solected Software Solected
Select Package(s) to Install	e soy c c c c c c c c c c c c c
Select Package(s) to Install	<pre>c c c c c c c c c c c c c c c c c c c</pre>
Select Package(s) to Install	<pre>c c c c c c c c c c c c c c c c c c c</pre>
Select Package(r) to Install	e e e e e e e e e e e e e e
Select Package(s) to Install	e e e e e e e e e e e e e e
Select Package(s) to Install  Solution  Solut	e e e e e e e e e e e e e e
Select Package(s) to Install  Solution  Solut	e e e e e e e e e e e e e e
Select Package(s) to Install  Solution  Solut	e e e e e e e e e e e e e e

X

10. Type the Agent Specific Settings information. Click **Next**.

## 11. Click Next.

## 12. Select Immediate. Click Next.

13. Click Finish.

Agent Specific Settings	for the selected Software
Components	
	r Information (Optional)
Server Name wind	
😑 Exchange Profile	
User Account IDCL	AB/jadministrator Configure Password
Mailbox Name	
Profile Name	
😑 Exchange Datab	
User Account IDCL	Ablachninistrator Configure Password
O Differential Back	
<ul> <li>Incremental Back</li> </ul>	up
	<beck bert=""> Save As Script Phildh Cancel</beck>
	e Boch Boch Branch Control
staller	
Enter Additional Install Op	otions
Installer Flags	
Install Updates Reboot (if required)	
Kill Browser Processes	(# required)
Ignore Running Jobs	
Stop Oracle Services (	
	ready part of the CommCell component
Advanced Options —	
Delete Packages After	
☑ Ignore Client/Host Na	
Instal Result Log Location	
Install Agents For Res	tore Only
Optional Settings	
B Job Result Dire Path	ctory
CVD Part	84
Evergrc Port	84
Install Directory	
Log File Location	
CommServe Host Name	
	$\bigcirc$
	< Back Bext > Save As Script Pinish Cancel
Installer	
Please Select W	'hen To Run The Job
Job Initiation	
( Immedia	ite )
Run this i	
Run this j	e
Run this j	
Schedul	chuld beller
Schedul	schedule Pattern Configure
Schedul	Schedule Pattern Configure
Schedul	Schedule Pattern Configure
Schedul	r Schedule Pattern Configure
Schedul	Schedule Pattern Configure
Schedul	Schedule Pattern Configure

<Back Next> Save As Script Finish Cancel Help

- **14.** You can track the progress of the job from the **Job Controller** or **Event Viewer** window.
- **15.** Once the job is complete, right-click the **CommServe** computer, click **View** and then click **Admin Job History**.

16. Select Install/Upgrade/Remove Software. Click OK.

Page 41	of 111

Installer	X
Summary	
	is and click Finish to run the job immediately or click Save As Script to save the job options as a script.
Client Install Option	<u>^</u>
Select Type Of Installation	a: Windows www.www.www.www.www.www.www.www.www.w
Exclude discovery of comp	uters with SRM agents already installed: Yes
Reuse Active Directory cro Client Authentication for Job	
User Name: IDCLAB\admi	
Password: **** Install Flags	
Install Updates: Yes	•
Reboot (if required): No Kill Browser Processes (if	
Ignore Running Jobs: No	
Stop Oracle Services (if re Skip clients that are alrea	quired): No dy part of the CommCell component: No
Delete Packages After Ins Ignore Client/Host Name (	tall: No
Install Agents For Restore	
Client Composition	
Override Software Cache:	No 💌
	<back next=""> Save As Script Finish Cancel Help</back>
🐹 Job Controller 🗴	
H., 3ob ID Operation Clark Co., 30 Instal Software	Agent Type Subdent Jub Typer II Phase 20xxpp Medukgent 20xxx Program Errors Delay Passon 2 NA English Errors Delay Passon 4
C	×
Event Never × Standard Admin Job History	
Seventry Event ID 3ob ID Date 228 20 08/31/2010 1 227 21 21 21 21 21 21 21 21 21 21 21 21 21	Program Computer Event Code Description     Software Event Code Description     Software Event Code 2010 Computer Successfully     Computer Successfully     Computer Successfully
224         50(3)(3)(2)(2)           224         20         60(3)(2)(2)(2)	16/04 Directosoftware ligite (2013) Alfandage ware second/of include in their, [incprk_tantiak coreculution]     16/04 Directosoftware ligite (2014) Anti- 16/04 Directosoftware ligite (2014) Anti- 1
	ruran realta - alter arran conferrid un alterar
	Check if you have enough dals spec 🤜
🛿 Pause 🅨 Playing Enformation, Nince, Major	, Critical, Macimum events shows: 200
idol.testlab.commvault.c	om - CommCell Console
File View Tools Windows	
CommCell Browser	a apple x 4 P II
All Tasks	accele > P□ D
View 2 >	Job History (Admin Job History) Client Security Storage Policies
Properties	Log Files 3 Computers Resources M
DA File System     OA Virtual Server     OA virtual Server	Users Logged In 4 b 11 Schedules 4 C 27
TOA File System     Toa Virtual Server	Fl         Job ID         Operation         Client Co         Agent Type         Subclient         Job Type**1         Phas 3           21         Data Aging         N/A         A
Security     Storage Resources	
Policies     Reports	II Pause Playing Runnin
Content Director	Event Viewer ×
	Seventy         Event ID         Job ID         Date         * 1         Program         Computer         Ey s/           233         21308/31/2010 12:00:23         JobManager         apple         19:3 A
	232 21 08/31/2010 12:00:08 JobManager apple 19:
CommCell Browser	231 06/31/2010 11:52:42 EvMgrS apple 35: 228 20 06/31/2010 11:46:15 DistributeSoftware apple 66: 277 20 06/31/2010 11:46:16 DistributeSoftware works 20:00     277
ay Hyperica ay	C 201 00/01/2010 UtilEuki DirbibubaCabiuswa sanda 201
	Pause Playing Information, Minor, Major, Critical, Maximum events shown: 200
8 object(s)	II Pause Playing Information, Minor, Major, Critical, Maximum events shown: 200   apple   admin
8 object(s)	

Aumin Job History Filter		🔛
Job Type		
O Al	🔘 Data Aging	C Export Media
O Auxiliary Copy	<ul> <li>Inventory</li> </ul>	O Disaster Recovery Backup
O Data Verification	Offline Content Indexing	C Erase Media
C Erase Backup/Archived Data	O Drive Validation	O Drive Cleaning
🔘 Stamp Media	Install/Remove Updates	O Download/Copy Software
Install/Upgrade/Remove Software	Disk Library Maintenance	SRM Reports/Actions
O Information Management	O CommCell Export	CommCell Import
Media Refreshing 1	O Recover Store	
Specify Time Range		
Time Zone: (GMT-05:00) E	astern Time (US & Canada)	
Start Time	End Time	
Mon 08/30/2010	Tue (	08/31/2010
12:07 PM		12:07 PM
Job Status		
Al     Cor	npleted O Failed	○ Killed
Number of Jobs		
<ul> <li>Wew All Jobs</li> </ul>		
O Desired Number of Jobs		
L	10 1	
Include Aged Data		
	2 (	
	C	OK Cancel Help

- 17. You can view the following details about the job by right-clicking the job:
  - Items that succeeded during the job
  - Items that failed during the job
  - Details of the job

- Events of the job
- Log files of the job

Job Type	Job ID	Status	Start Time	End Time	User N	Error C	Storag	Auton	Legal	Legal	
Install Software	20	S Complete	View Job Details	11.	, admin			NIA.	N/A	N/A	
			Resubmit Job								
			View Events								
			View Content In	dex 🔸							
			View Logs								
			Send Logs								

18.

Enable the following registry key to create job specific profiles:

- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.



# Install the 32-bit Exchange Agents on Exchange Server 2007/2010 or 64-bit Non-Exchange Server - Clustered Environment

Previous Next >

The Exchange Agents are designed to protect an entire Exchange Server database. Follow the steps given below to install the 64-bit Exchange Agents on Exchange Server 2007/2010 or on Non-Exchange Server.

## WHERE TO INSTALL

The Exchange Agents can be installed in one of two ways:

- Directly onto the Exchange Server. This method is referred to as an on-host installation and is useful if you want to preserve hardware resources.
- On a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

Make sure the computer satisfies the minimum requirements specified in the System Requirements.

## **RELATED TOPICS**

#### **Download Software Packages**

Provides step-by-step procedure to download the latest packages for software install.

#### System Requirements

Verify that the computer in which you wish to install the software satisfies the System Requirements.

#### Firewall

Provides comprehensive information on firewall.

## PREREQUISITES

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

## FOR EXCHANGE SERVER 2010

- Ensure that the service account is a member of Organization Management group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.

To assign full access follow the steps given below:

- Using ADSIEDIT navigate to Configuration | Services | Microsoft Exchange.
- Right-click your organization name, click Properties | Securities and click the Advanced tab.
- Click Edit to modify the permissions set for Organization Management group.
- Click to select Full Control, Receive As and Send As permissions and wait for replication.
- Click the Effective Permission tab and Select the name of the backup account.
- The backup account should display the following as selected:

Full Control

All Extended Rights

Send As

Receive As

• Start the PowerShell and type the following to add the backup account so it has full control over all the databases:

Get-MailboxDatabase -server (server name) | Add-ADPermission -user "backup account" -ExtendedRights Receive-As

Run the above PowerShell every time a new database is added.

 Navigate to the Exchange Management Console, right-click the <mailbox> and click Manage Full Access Permissions to view the mailbox listed under Full Access Permissions.

#### FOR EXCHANGE SERVER 2007

- Service account should be a member of Exchange Organization Administrators group.
- Ensure that the mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.

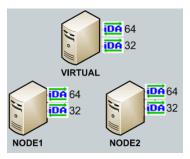
## **EXCHANGE AGENTS IN X64 CLUSTERS**

When installing 32-bit agents on a x64 virtual server, the 32-bit File System *i*DataAgent must be installed on each physical node in the cluster prior to installing the 32-bit agents on the virtual server.

For example, to support a two-node cluster with one Exchange virtual server instance supporting both x64 and 32-bit Agents, a minimum of two installation instances (one 32-bit

and one x64) are required on the virtual server and each physical node. This configuration will result in six client objects in the CommCell console; three x64 instances and three 32-bit instances.

The sample image shown on the right illustrates the required configuration for installing 32-bit Exchange Agents in an x64 cluster.



# INSTALL THE EXCHANGE DATABASE *i*DATAAGENT

The Exchange Database iDataAgent must be installed first. Follow the steps described below to install Exchange Database iDataAgent.

- Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server
- 2. Run Setup.exe from Software Installation Package.
  - Select the required language.

Click Next.

1.

з.

4.	Select the option to Install Calypso on this 64-bit computer.
	NOTES:

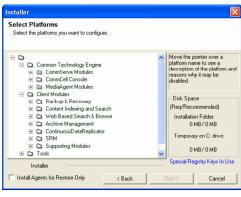
• Your screen may look different from the example shown.

5. Click Next.

6. Click OK.

Select the language you will use during installation.
English (United States)
Next > Cancel
[]
Install Software on this 64-bit computer     Advanced options
View Install Quick Start Guide (Requires Adobe Acrobat Reader)
Install Adobe Acrobat Reader
<b>₽</b> Exit
installer
Installer  Welcome The Installer vill guide you through the
Installer  Welcome The Installer will guide you through the setup process for Software This program will install Software on your computer. It is stongly recommended that you exit all Windows programs before running this
Installer  Welcome The Installer will puide you through the setup process for Software This program will install Software on your computer.
Installer Welcome The Installe will guide you through the setup process for Software This program will install Software on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program. Disk Carole to gail Setup and then close any programs you have running. Click Next to continue with Setup. WARNING: This program is protected by copyright law and international treaties.
Installer Welcome The Installer will guide you through the setup process for Software This program will install Software on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program. Click Cancel to guid Setup and then close any programs you have running. Click Next to continue with Setup.
Installer  Welcome  The Installe will guide you through the setup process for Software  This program will install Software on your computer.  It is strongly recommended that you exit all Windows programs before running this Setup program. Diack Cancel to guid Setup and then close any programs you have running. Click Next to continue with Setup.  WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe oid and climing henables, and will be processued to the maximum
Installer  Welcome  The Installer will guide you through the setup process for Software  This program will install Software on your computer.  It is strongly recommended that you exit all Windows programs before running this Setup program.  Elick Cancel to quit Setup and then close any programs you have running. Elick Next to continue with Setup.  WARNING: This program is protected by copyright law and international treaties.  Unsubtroised reproduction or distribution of this program, or any portion of it, may result in servere civil and criminal penalities, and will be prosecuted to the maximum extent possible under the law.
Installer  Velcome  The Installer will guide you through the setup process for Software  This program will install Software on your computer.  It is stongly recommended that you exit all Windows programs before running this Setup program.  Diack Cancel to quid Setup and then close any programs you have running. Click Next to continue with Setup.  WARNING: This program is protected by copyright law and international treaties.  Unsubtriced respectively or distribution or distribution or distribution or distribution or distribution the prosecuted to the maximum extent possible under the law.  Installer
Installer  Velcome  The Installer will guide you through the setup process for Software  This program will install Software on your computer.  It is strongly recommended that you exit all Windows programs before running this Setup program.  Elick Cancel to quit Setup and then close any programs you have running. Elick Next to continue with Setup.  WARNING: This program is protected by copyright law and international treaties. Unsubtroited reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalities, and will be prosecuted to the maximum extent possible under the law.  Installer  Next > Cancel
Installer  Velcome  The process for Software  This program will install Software on your computer.  It is strongly recommended that you exit all Windows programs before running this Setup program.  Cick Carcel to quil Setup and then close any programs you have running. Cick Next to continue with Setup.  WARNING: This program is protected by copyright law and international treaties.  Unsubtroited reproduction of diffubution of this program, or any portion of A may result in serve civil and ciminal penalities, and will be process/ued to the maximum extent possible under the law.  Installer  nstaller InstalleR In

7. Select I accept the terms in the license agreement. License Agreement Click Next. Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement. ^ End User License and Limited Warranty Agreement Software Release 9.0.0 (including Microsoft® SQL Server™ 2008 Enterprise Edition, SQL Server™ 2008 Express Edition and Windows Pre-Installation Environment) Fud Hoan I lanuas Ages I accept the terms in the license agreement. C I do not accept the terms in the license agreement. Installer Next > Cancel < Back 8. Select Configure a Virtual Server. Cluster Type Selection Configure the Physical Node or a Virtual Server Click Next to continue. - Configuration Options C Configure the Physical node ○ Configure a ⊻irtual server < Back Cancel 9. Select the disk group in which the cluster group resides. nstalle Click Next to continue. Virtual Server Selection Select the virtual server you would like to configure Choose from the following list of disk groups configured on this cluster. 2003ClusterVMS -<<u>B</u>ack <u>N</u>ext> <u>C</u>ancel 10. Expand Client Modules | Exchange | File System and select Exchange Database iDataAgent. Select Platforms Select the platforms you want to configure. Move the pointer over a platform name to see a description of the platform reasons why it may be disabled.



11. If this computer and the CommServe is separated by a firewall, select the **Configure** firewall services option and then click Next.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

12. Enter the fully qualified domain name of the **CommServe Host Name**.

## Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

13. Click Next.

14. Select Add programs to the Windows Firewall Exclusion List, to add CommCell programs and services to the Windows Firewall Exclusion List.

#### Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

<ol> <li>Click Next</li> </ol>	t
--------------------------------	---

#### NOTES

• It is recommended to select the Download latest update pack(s) option to automatically install the available updates during installation.

Installer	
Firewall Configur	ation
Configure firewall ser	
If there is a firewall b	etween this machine and the CommServe, configure firewall services below.
Configure firewal	Il services
connection from he	v Windows Firewall is limiting network traffic. Whether it is possible to open are to a CommServe's tunnel port, whether all connections toward
CommServe are blo machine, or wheth	ere to a CommServe's tunnel port, whether all connections toward ocked, and setup should instead expect CommServe to connect back to this er there is a Proxy in between.
	in open connection to CommServe on tunnel port
	open connection toward this machine
Installer	
	Next > Cancel
Installer	×
CommServe Nam	ie rve computer name and host
name	ve computer name and nost
CommServe	e Client Name
Commean	e Host Name
(Enter a va	lid, fully-qualified, IP host name; for example:
mycompute	x.mycompany.com)
mycomput	er. mycompany. com
Installer	
	<back next=""> Cancel</back>
Installer	×
Communication I	nterface Name
Communication I	
Communication I	nterface Name
Communication I	nterface Name
Communication I	nterface Name he communication paths. Select a client name
Communication I	nterface Name he communication paths.
Communication I	nterface Name he communication paths. Select a client name
Communication I	nterface Name he communication paths. Select a client name
Communication I	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe
Communication I	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to
Communication I	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe
Communication I	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com
Communication I	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com
Communication I	he communication paths: Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com
Communication I Setup will configure t	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com
Communication I Setup will configure t	Interface Name he communication paths. Select a client name studient select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host.
Communication I Setup will configure t	Interface Name he communication paths. Select a client name studient select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host.
Communication I Setup will configure t	Interface Name he communication paths. Select a client name studien select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host.
Communication I Setup will configure to Installer	Iterface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List
Communication I Setup will configure to Installer Installer Mindows Firewal Allow program to co	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com IP Address(es) for the selected host. (Back Next> Cancel
Communication I Setup will configure to Installer	Iterface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List
Communication I Setup will configure to Installer Installer Windows Firewal Allow programs to co Firewal	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List mmunicate through Windows
Communication I Setup will configure to Installer Installer Mindows Firewal Allow program to co	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List mmunicate through Windows
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List mmunicate through Windows alis ON
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List mmunicate through Windows
Communication I Setup will configure to Installer Installer Windows Firewal Allow programs to co Firewal Windows Firewa	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Installer Windows Firewal Allow programs to co Firewal Windows Firewa	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe aud.mycompany.com IP Address(es) for the selected host. Cancel I Exclusion List mmunicate through Windows alis ON
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal Windows Firewa d dd program If you plan on us	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal Windows Firewa d dd program If you plan on us	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal Windows Firewa d dd program If you plan on us	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal Windows Firewa d dd program If you plan on us	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Vindows Firewal Adow programs to co Firewal Vindows Firewal I you plan on us exclusion list.	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List
Communication I Setup will configure to Installer Mindows Firewal Allow programs to co Firewal Windows Firewa Windows Firewa I dd program	Interface Name he communication paths. Select a client name Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com IP Address(es) for the selected host. IP Address(es) for the selected host. I Exclusion List mmunicate through Windows II is DN as to the Windows Firewall Exclusion List

16.

17.

18.

	linstatter
	Download and Install Latest Update Packs Download and Install the latest service pack and post pack from the software provider website.
	Download latest update pack(s) Make sure you have internet connectivity at this time. This process may take sor depending on download speed.
Verify the default location for software installation.	Installer (Back Next)
Click <b>Browse</b> to change the default location.	Destination Folder Select the destination folder to install the program files.
Click Next.	
<ul> <li>Do not install the software to a mapped network drive.</li> <li>Do not use the following characters when specifying the destination path:</li> </ul>	Click Next to accept the default location, or click Browse to choose an alternat Destination Folder
/:*?"<> #	
It is recommended that you use alphanumeric characters only.	Drive List C: 328 MB Installer
	(Fiskaller)
Select a Client Group from the list.	Installer
Click Next.	Client Group Selection
This screen will be displayed if Client Groups are configured in the	Select a client group for the client.
CommCell Console.	The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.
	Client group: None Selected client, group
	Installer  Kack Next >
Click Next.	Installer
	Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.
	✓ Schedule Install of Automatic Updates
	C Drice C Weekly C Weekly C Monday C Tuerday
	C Wednesday C Thursday C Friday C Saturday
	C Sunday
	Installer  Kack Next >

#### 19. Select a Storage Policy. Click Next.

X

e time

Cancel

location

Cancel

X

Cancel

Cancel

		Storage Policy Selection
		Select a storage policy for the default subclient to be backed up.
		Configure for Laptop or Desktop Backup
		Select a storage policy from the pull-down list.
		Unassigned 🔽
		Installer Cancel Cancel
	If you do not have Storage Policy created, this message will be displayed.	Installer 🔀
	Click OK.	Storage Policy Selection Select a storage policy for the default subclient to be backed up.
		Configure for Laptop or Desktop Backup
	You can create the Storage Policy later in step 31.	
		Installer < Back Next > Cancel
20.	Select the backup type for Exchange Database backups. Choose either of the	Installer
	following options, then click <b>Next</b> .	Exchange Backup Options
	• <b>Differential</b> - Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged.	Please select a default backup type
	• <b>Incremental</b> - Specifies that each non-full Exchange Database backup secures only that data that has changed since the last backup of any type. Committed transaction logs are purged.	C Differential Backs up changes in the Information Store and Directory Service since the last Full backup. Does not purge the transaction logs.
		C Incremental Backs up changes in the Information Store and Directory Service ince the last Full backup or Incremental backup. The committed transaction logs are then
		purged.
		Installer
		<back next=""> Cancel</back>
21.	Enter the user credentials to access the Exchange Server to perform the backup operation.	Enter Administrator account information
		Enter Administrator account information
	<ul> <li>The User Account must have Exchange Administrator privileges.</li> </ul>	
	<ul> <li>The installation detects the domain name. If necessary, you can modify the domain name by specifying Windows domain that the</li> </ul>	Account Name:
	Exchange Server resides in.	
	-	Account Password:
		Domain:
		EXCH
		Next> Cancel
22.	Click <b>Next</b> .	Installer X
		Summary
		Summary of install selections
		Setup has enough information to start copying the program files. If you are satisfied with the install settings, click Next to begin copying files.
		Destination Path - C\Program Files\
		Destination Path = C:\Program Files\ CommServe Host = mycomputer.mycompany.com Interface Name = audi.mycompany.com
		Client =audi Job Results Path = C:\Program Files\JobResults
		Global Filters = Use Cell level policy
		Installer
		<back next=""> Cancel</back>

**23.** The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is

disabled:

- From Exchange System Manager, navigate to and expand the server that the Database *i*DataAgent is being installed on.
- Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

24. To install the software on the remaining nodes of the cluster, click **Yes**.

To complete the install for this node only, click No.

25. Select cluster nodes from the **Preferred Nodes** list and click the arrow button to move them to the **Selected Nodes** list.

Once you complete your selections, click Next.

- The list of **Preferred Nodes** displays all the nodes found in the cluster; from this list you should only select cluster nodes configured to host this cluster group server.
- Do not select nodes that already have multiple instances installed.
- 26. Specify User Name and Password for the Domain Administrator account Information to perform the remote install on the cluster nodes you selected in the previous step.

Click Next.

27. The progress of the remote install for the cluster nodes is displayed; the install can be interrupted if necessary.

Click Stop to prevent installation to any nodes after the current ones complete.

Click **Advanced Settings** to specify any of the following:

- Maximum number of nodes on which Setup can run simultaneously.
- Time allocated for Setup to begin executing on each node, after which the install attempt will fail.
- Time allocated for Setup to complete on each node, after which the install attempt will fail.

If, during the remote install of a cluster node, setup fails to complete or is interrupted, you must perform a local install on that node. When you do, the install begins from where it left off, or from the beginning if necessary. For procedures, see Manually Installing the Software on a Passive Node.

Installer Over the software on remaining nodes on the cluster?
Yes No
Installer X
Cluster Node Selection
Select cluster nodes to configure
Vmcluster2     >       Vmcluster3        Vmcluster3        Vmcluster3    <
Next > Cancel
Installer X
Installer X
Please provide domain administrator account
Domain Account Information User Name ( <ddmain user="">): LAB \\dministrator Account Password:</ddmain>
Cancel
Installer X
You can stop remote install at any time. Installed clients will not be uninstalled. Clients in
progress will continue installation, but their results will not show correctly.
Client Name Client Status Start Time End Time Result Description real2
Installed successfully: 0 Left to install: 1 Failed to install: 0 In progress: 0 Max 1 =
Elapsed time: 0 sec Estimated time left: 10 min 0 sec
Installer
Advanced Settings Stop
Installer
Number of simultaneous remote machines to run Setup: 10 👘 machines
Time to wait for Setup to start on each remote machine:
Time to wait for Setup to complete on each remote machine: 15 🚊 minutes
<u> </u>

Please verify that Orcular Logging is disabled before perfor backup operations.

ОК

ng any database

28. Read the summary for remote installation to verify that all selected nodes were

installed successfully.

Click Next.

nstaller	
Results Remote install results	
Summary of remote install	
The following software (Version ) were selected to be installed: + CommCell	<u>_</u>
REAL2: Install succeeded.	
	<b>▼</b>
	inish 📄
staller	×
chedule Reminder Job schedule creation reminder	
Please note:	
You still need to create a Job Schedule for each iDataAgent that has been inst this client computer.	alled on
Job Schedules are required to allow the iDataAgents to perform automated bac and restore operations.	kup
Job Schedule creation can be accomplished through the CommCell Console administration interface.	
Installer	Next >
staller	X
ompletion Report	
Setup complete	
Software installation completed successfully.	-
Visit the website below to download latest Updates and Service Packs.	
Click Finish to complete Setup.	
	<b>*</b>
Installer	2010-000
Technical Support Website	inish

29. Click Next.

30. Click Finish.



If you already have a storage policy selected in step 19, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If any node installation fails, you must manually install the software on that node once the current installation is complete. See Manually Installing the Software on a Passive Node for step-by-step instructions.
The message displayed on your screen will reflect the status of the selected nodes, and may look different from the example.

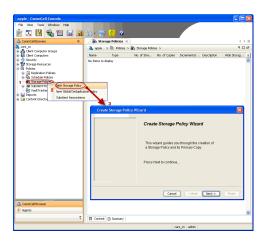
If you do not have Storage Policy created, continue with the following step.

#### **31.** Create a Storage Policy:

- 1. From the CommCell Browser, navigate to **Policies**.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
  - Select the Storage Policy type as Data Protection and Archiving and click Next.
  - Enter the name in the Storage Policy Name box and click Next.
  - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the **MediaAgent** list, click the name of a MediaAgent that will be used to create the primary copy and then click **Next**.
- For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.



Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

 $\circ~$  Review the details and click Finish to create the Storage Policy.

32.

- Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click
  - Properties.Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).
     Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

## **INSTALL THE EXCHANGE AGENTS**

The Windows File System iDataAgent must be first installed onto all of the physical nodes of the cluster. See Install the Microsoft Windows File System iDataAgent if you have not installed it on all of the physical nodes.

Once it has been installed onto the physical nodes, the Exchange Agents (such as Exchange Mailbox *i*DataAgent, Exchange Public Folder *i*DataAgent, Exchange Mailbox Archiver and/or Exchange Public Folder Archiver) and Windows File System *i*DataAgent can be installed from the active node to the virtual server using the following steps described below to install Exchange Agents.

The software can also be automatically installed on all available passive nodes when the software is installed onto the virtual server, or you can choose to install any passive node(s) separately.

## CREATE THE REGISTRY KEYS

Before installing the Exchange Agents, create the bAllowMultiInstances and bAllow32BitInstallOn64Bit registry keys.

**1.** Create the bAllowMultiInstances registry key.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Redegt32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY LOCAL MACHINE\SOFTWARE\.
- 3. Right click the SOFTWARE and click **New -> Key**.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New -> DWORD value, name it as bAllowMultiInstances and by double clicking the bAllowMultiInstances key modify the Value data to 1.

Create the bAllow32BitInstallOn64Bit registry key.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Regedit32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node.
- 3. Right click the SOFTWARE and click New -> Key.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New -> DWORD value, name it as bAllow32BitInstallOn64Bit and by double clicking the bAllow32BitInstallOn64Bit key modify the Value data to 1.

## **INSTALL PROCEDURE**

2.

Log on to the computer using an account with the following privileges:
 Administrator of the local computer

- Administrator of the Exchange Server
- 2. Run **Setup.exe** from Software Installation Package.
- Select the required language.
   Click Next.

Select the language you will use during installation.	
English (United States)	
Next > Cance	
= Software install options	
≡ 32-bit Software install options	
e Ewi	
€ Exit	
Installer	X
Welcome The Installer will guide you through the setup process for Software	
This program will install Software on your computer. It is strongly recommended that you exit all Windows programs before running this Setup program. Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with Setup. WARNING: This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it may result in severe civil and criminal penalties, and will be prosecuted to the maximum externt possible under the law.	
Installer Cance	 I
Installer	it in د
Installer License Agreement Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement.	
End User License and Limited Warranty Agreement	
Software Release 9.0.0	
(including Microsoff® SQL Server <sup>™</sup> 2008 Enterprise Edition, SQL Server <sup>™</sup> 2008 Express Edition and Windows Pre-Installation Environment)	
I accept the terms in the license agreement.	

Select the Calypso 32-bit Software install options to install software.
 NOTES

• This screen will only appear when the bAllow32BitInstallOn64Bit registry key has been created and enabled on this computer.

5. Click Next.

- 6. Click OK.
- 7. Select I accept the terms in the license agreement. Click Next.

8. Select **Create a new instance** option to install the Exchange Agents on separate instance.

## Getting Started - Exchange Mailbox iDataAgent

## NOTES

- This screen will appear when the bAllowMultiInstances registry key has enabled on this computer.
- This screen will not appear if no other software components are installed on the computer.

Select Configure a Virtual Server.
 Click Next to continue.

 Select the disk group in which the cluster group resides. Click Next to continue.

- 11. To install the Exchange *i*DataAgents expand Client Modules | Exchange, and select one or more of the following:
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the **Exchange Archiver Agents**, expand **Client Modules | Archive Management**, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

Note that the Exchange Database *i*DataAgents must be installed on the Exchange Server, see Install the Exchange Database *i*DataAgent for step-by-step procedure.

 If this computer and the CommServe is separated by a firewall, select the Configure firewall services option and then click Next.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

Installer	×
	ce Selection the instance you want to use during
install.	and instance you want to use during
	Instance Selection
	Create a new instance (Not recommended)
	Select an installed instance.
	Client Name
	Client Host Name
	CommServe Name
	Commonwerwanie
Installe	er
	<back next=""> Cancel</back>
Installer	
Cluster Type Configure the	e Selection Physical Node or a Virtual Server
gwro d fo	
Cor	ifiguration Options
C	Configure the Physical node
C	Configure a ⊻irtual server
-	
	< Back Cancel
Installer	×
	ver Selection
Select the Vil	tual server you would like to configure
	Choose from the following list of disk groups configured on this cluster.
	2003Cluster/VMS
	<u></u>
	< Back Next > Cancel
Installer	N 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997
Select Platfo	orms
Select Platfo	
Select Platfo Select the plat	orms forms you want to configure.
Select Platfor Select the plat	orms forms you want to configure. International State of the pointer over a platform name to see a
Select Platfor Select the plat	TITIS forms you want to configure. The set of the pointer over a platform name to see a description of the platform and the commissive Module:
Select Platfor Select the plat	Intres forms you want to configure. Internology Engine CommServe Modules CommServe Modules
Select Platfor Select the plat	Intrins Torms you want to configure.  More the pointer over a platform mane to see a platfo
Select Platfor Select the plat	Irms forms you want to configure.  mon Technology Engine CommGell Conrole Move the pointer over a platform name to see a description of the platform and the disabert Modules Rackup & Recovery Disk Space
Select Platfa Select the plat	Irms forms you want to configure.  Move the pointer over a platform name to see a description name to see a description name to see a description of the platform and reactions the pla
Select Platfa Select the plat	Irms Toms you want to configure.  Move the pointer over a platform name to see a description nam
Select Platfords	Irms Toms you want to configure.  Move the pointer over a platform name to see a description nam

Installer

Install Agents for Restore Only

< Back

Special Registry Keys In Use

Cancel

13.	Enter the fully qualified	domain name of the	CommServe Host Name

#### Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

14. Click Next.

If there is any other instance installed on the computer, make sure that the host name does not match the client name entered in the **Select a client name** field in the previous instance.

**15.** Select **Add programs to the Windows Firewall Exclusion List**, to add CommCell programs and services to the Windows Firewall Exclusion List.

#### Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

C CommServe can	n open connection to Comm9erve on tunnel port open connection toward this machine		
	achable only through a proxy		
Installer			
11 POCUMUN	Next > Cancel		
Installer	×		
CommServe Name Specify the CommServ name	e ve computer name and host		
CommServe	Client Name		
CommServe (Enter a vali mycomputer	Host Name d, fully-qualified, IP host name; for example: .mycompany.com)		
mycompute	r. mycompany. com		
Installer			
Installer	<back next=""> Cancel</back>		
Installer	X		
Communication In	iterface Name		
Setup will configure th	e communication paths.		
	Select a client name		
	eudi en		
	Select an interface name that this computer will use to communicate with the CommServe		
	audi.mycompany.com		
	IP Address(es) for the selected host.		
Installer	< Back Next > Cancel		
Installer			
Windows Firewall	Exclusion List		
	municate through Windows		
Windows Firewall	is ON		
Add programs to the Windows Firewall Exclusion List			
If you plan on usir exclusion list.	ng Windows Firewall, it is recommended to add the software programs to the		
Installer			
	< Back Next > Cancel		

If there is a firewall between this machine and the CommServe, configure firewall services below.

Installer Firewall Configuration Configure firewall services

Configure firewall services

16. Click Next.

17.

18.

19.

	mstatter		
	Download and Install L Download and install the late pack from the software provi	est service pack and post	,
	C Download late: Make sure you have interne depending on download spi	et connectivity at this time. This process	: may take so
Verify the default location for software installation.	Installer —	< Back N	Next >
Click <b>Browse</b> to change the default location.	Destination Folder		
Click Next.	Select the destination folder	to install the program files.	
<ul> <li>Do not install the software to a mapped network drive.</li> <li>Do not use the following characters when specifying the destination path:</li> <li>/:*?"&lt;&gt;   #</li> </ul>	Click Next to accept the d Destination Folder	lefault location, or click Browse to choos	ise an alterna Brow
It is recommended that you use alphanumeric characters only.	Drive List C: 928 MB	Space Required / Re 1394 MB /	
	Installer —	< Back N	Next >
Select a Client Group from the list.	Installer		
Click Next.	Client Group Selection Select a client group for the o		
This screen will be displayed if Client Groups are configured in the CommCell Console.	Client		iines like orts.
	None client_	Selected group	
	Installer —	< Back N	Next >
Click Next.	Installer		
	Schedule Install of Aut Choose when you want to se downloaded updates.	tomatic Updates chedule an install of the	
	C Schedule Install of Au	Time:         08:31:12 PM                • Monday               • 1                 • Wednesday               • 1	Tuesday Thursday
	Installer —	C Sunday	Saturday Next >

#### 20. Select a Storage Policy. Click Next.

ne time

Cancel

location.

Cancel

Cancel

Cancel

X

in.

To install the software on the remaining nodes of the cluster, click  $\ensuremath{\textbf{Yes}}$  .

24.

		Installer
		Storage Policy Selection
		Select a storage policy for the default subclient to be backed up.
		Configure for Laptop or Desktop Backup
		Select a storage policy from the pull-down list.
		Unassigned 💌
		Installer (Back Next.) Cancel
	If you do not have Storage Policy created, this message will be displayed. Click <b>OK</b> .	Instantor Storage Policy Selection Final Advances of the default addelered to be Final Configure for Laptop or Deaktop Backup
	You can create the Storage Policy later in step 31.	
		Installer
		< Back Next > Cancel
21.	Select Exchange Server Name and Exchange Server Version from drop-down	Installer
	list.	Exchange Server Name Please provide Exchange server name
	Click Next.	
	This screen will appear when you are installing Exchange Agents on Non-Exchange Server.	Exchange Server Exchange Server Name: Exchange_Server Exchange Server Version Exchange 2007
		Installer <u>Rack Next&gt;</u> ancel
22.	Click <b>Next</b> .	Installer
		Summary Summary of install selections
		Setup has enough information to start copying the program files. If you are satisfied with the install settings, click. Next to begin copying files.
		Destination Path = C:\Program Files\ CommServe Host = mycomputer mycompany.com Interface Name = audi.mycompany.com Cient = audi Job Results Path = C:\Program Files\JobResults Global Filters = Use Cell level policy
		Installer < Back Next> Cancel
23.	Enter the following Exchange Administrator information then click <b>Next</b> .	Installer
	<ul> <li>Account Name - Domain user account created with the exchange server administrator permissions. Do not include the domain name here.</li> </ul>	Exchange Administrator Account Information Mailbox and Profile information
	• Account Password - The password assigned to the domain user.	Please enter the Exchange account information required below. A new profile will be created with
	• Mailbox Name for this Account - Mailbox associated with the user above.	the information supplied.
	• <b>Profile Name</b> - Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.	Account Name: Profile Name:
	<ul> <li>Exchange Server Name - Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.</li> </ul>	Account Password: Exchange Server Name:
	For Exchange Server 2010, enter the Client Access Role. After installation configure the roles as described in Configure Mailboxes in Database Availability	Mailbox Name for this Account: Domain:
	Group (DAG) Servers.	Installer

×

X

×

	To complete the install for this node only, click <b>No</b> .	Would you like to install the software on remaining nodes on the cluster?
		Yes No
25.	Select cluster nodes from the <b>Preferred Nodes</b> list and click the arrow button to move them to the <b>Selected Nodes</b> list.	Installer Cluster Node Selection Select cluster nodes to configure
	Once you complete your selections, click <b>Next</b> .	
	<ul> <li>The list of <b>Preferred Nodes</b> displays all the nodes found in the cluster; from this list you should only select cluster nodes configured to host this cluster group server.</li> <li>Do not select nodes that already have multiple instances installed.</li> </ul>	Preferred Nodes     >       Ymckater2     >
26.	Specify <b>User Name</b> and <b>Password</b> for the <b>Domain Administrator account</b> <b>Information</b> to perform the remote install on the cluster nodes you selected in the previous step.	Installer Domain administrator account information Please provide domain administrator account
	Click <b>Next</b> .	Domain Account Information         User Name (c00MAIN\USER>):         [LAB \administrator         Account Password:
27.	The progress of the remote install for the cluster nodes is displayed; the install can be interrupted if necessary.	Installer 🛛 🗙
	Click <b>Stop</b> to prevent installation to any nodes after the current ones complete.	You can stop remote install at any time. Installed clients will not be uninstalled. Clients in progress will continue installation, but their results will not show correctly.
	Click Advanced Settings to specify any of the following:	Client Name Client Status Start Time End Time Result Description
	Maximum number of nodes on which Setup can run simultaneously.	real2
	• Time allocated for Setup to begin executing on each node, after which the install attempt will fail.	
	• Time allocated for Setup to complete on each node, after which the install attempt will fail.	Installed successfully: 0 Left to instalt 1
	If, during the remote install of a cluster node, setup fails to complete or is interrupted, you must perform a local install on that node. When you do, the install begins from where it left off, or from the beginning if necessary. For procedures, see Manually Installing the Software on a Passive Node.	Failed to instalt:     0     In progress:     0     Max:     1       Elapsed time:     0 sec     Estimated time left:     10 min 0 sec       Installer
		Installer Number of simultaneous remote machines to run Setup: 10 $\frac{1}{2}$ machines Time to wait for Setup to start on each remote machine: 2 $\frac{1}{2}$ minutes Time to wait for Setup to complete on each remote machine: 15 $\frac{1}{2}$ minutes <u>OK</u>
28.	Read the summary for remote installation to verify that all selected nodes were installed successfully.	
	Click Next.	

29. Click Next.

30. Click Finish.

nstaller	D
Results Remote install results	
Summary of remote install	
The following software (Version ) were selected to be installed: + CommCell REAL2: Install succeeded.	*
4	
	[]
nstaller	5
Schedule Reminder Job schedule creation reminder	-
Please note: You still need to create a Job Schedule for each iDataAgent that he	as been installed on
this client computer. Job Schedules are required to allow the iDataAgents to perform auto and restore operations.	omated backup
Job Schedule creation can be accomplished through the CommCell administration interface.	Console
Installer	
	[ <u>N</u> ext>]
nstaller	5
Completion Report Setup complete	
Software installation completed successfully.	A
Virit the website below to download latest Updates and Service Packs. Dick Finish to complete Setup.	
	<u>-</u>
Installer Technical Support Website	Einish

S

If you already have a storage policy selected in step 20, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

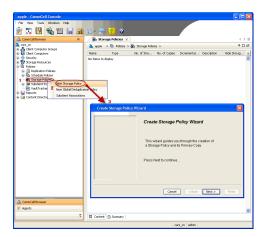
If you do not have Storage Policy created, continue with the following step.

#### **31.** Create a Storage Policy:

- 1. From the CommCell Browser, navigate to **Policies**.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
  - Select the Storage Policy type as Data Protection and Archiving and click Next.
  - Enter the name in the Storage Policy Name box and click Next.
  - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the **MediaAgent** list, click the name of a MediaAgent that will be used to create the primary copy and then click **Next**.
- For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.



Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click  ${\bf Next}.$ 

 $\circ\;$  Review the details and click Finish to create the Storage Policy.

32.

- Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click Properties.
  - Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

 $\ensuremath{\mathsf{Enter}}$  MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

Previous Next >

# Install the 32-bit Exchange Agents on a Non-Exchange Server

< Previous Next >

The following procedure describes the steps involved in installing the 32-bit Exchange Agents on 32-bit Non-Exchange Server computer.

## WHERE TO INSTALL

The 32-bit Exchange Agents can be installed on a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

## INSTALLATION

The software can be installed using one of the following methods:

#### **METHOD 1: INTERACTIVE INSTALL**

Use this procedure to directly install the software from the installation package or a **System Requirements** network drive.

#### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

Use this procedure to remotely install the software on a client computer.

## **RELATED TOPICS**

**Download Software Packages** Provides step-by-step procedure to download the latest packages for software install.

System Requirements Verify that the computer in which you wish to install the software satisfies the System Requirements.

## Firewall

Provides comprehensive information on firewall.

#### PREREQUISITES

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

- Service account is a member of Exchange Organization Administrators group.
- The mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- Ensure that you assign full access to all mailboxes on the server. For details, see How do I Assign Full Access to All Mailboxes on a Server.

## **METHOD 1: INTERACTIVE INSTALL**

- 1. Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server
- 2. Run Setup.exe from Software Installation Package.
- 3. Select the required language.

Click Next.

Select the language you will use during installation.	
<u>N</u> ext >	Cancel
Install Software on this computer Advanced options	
View documentation website	
View Install Quick Start Guide (Requires Adobe Acrobat Reader)	
Install Adobe Acrobat Reader	
	🖨 Exit

- 4. Select the option to Install Calypso on this computer. NOTES:
  - Your screen may look different from the example shown.

5. Select I accept the terms in the license agreement. Click Next. 6. Select **Create a new instance** option to install the Exchange Agents on separate instance for the purpose of different Exchange Servers.

#### NOTES

- This screen will appear when the bAllowMultiInstances registry key has enabled on this computer.
- This screen will not appear if no other software components are installed on the computer.
- 7. To install the **Exchange** *i***DataAgents** expand **Client Modules | Exchange**, and select one or more of the following:
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the **Exchange Archiver Agents**, expand **Client Modules | Archive Management**, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

8. If this computer and the CommServe is separated by a firewall, select the **Configure firewall services** option and then click **Next**.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

nstaller					×
License Agre	ement				1977 A. M. 19
Please read the	e following License Agre	ement. Press			
the PAGE DOV	√N key to view the entir	re agreement.			
					~
					_
End	l User License ar	nd Limited Wa	rranty	Agreeme	nt
	Softwa	re Release 9.0.0			
(includin:	g Microsoft® SQL Se	erver™ 2008 Enter	prise Edi	tion, SOL Se	TVerTM
2008	Express Edition and	Windows Pre-Ins	tallation	Environmen	t)
	Fud Hee				~
Laccentil	the terms in the license a				
	accept the terms in the li	cense agreement.			
Installe	if		1	1	
		< Back	N	ext>	Cancel
nstaller					<u> </u>
	ce Selection				
Please specify install.	the instance you want t	o use during			
	Instance Selection				
		instance (N-t	man da 10		
		instance (Not recon	mended)		
	Install to existing				
	Select an in	nstalled instance.			_
					~
	Client Name	e			_
	Client Host	Nama			_
	Client Host	Name j			
	CommServe	e Name			
Installe	r				
		< Back	N	ext>	Cancel
Select Platfo	rms forms you want to config	jure.			×
Select Platfo Select the platf Can Com + Can + Can + Can + Can	forms you want to config mon Technology Engine CommServe Modules CommCell Console MediaAgent Modules			platform nar	of the platform and
Select Platfo Select the platf Com Com Com Com Com Com Com Com	forms you want to config mon Technology Engine CommServe Modules CommCell Console MediaAgent Modules		•	platform nai description reasons wh disabled.	me to see a of the platform and y it may be
Select Platfo Select the platf Com Com Com Com Com Com Com Com	iorms you want to config mon Technology Engine CommCell Console MediaAgent Modules nt Modules Backup & Recovery Content Indexing and Sr	e earch		platform nai description reasons wh disabled. Disk Spac (Reg/Reco	me to see a of the platform and y it may be ce ommended)
Select Platfo Select the platf Characteristics	forms you want to config mon Technology Engin CommServe Modules CommCell Console MediaAgent Modules th Modules Backup & Recovery Content Indexing and Si Web Based Search & B	e earch		platform nai description reasons wh disabled. Disk Spac (Req/Reco Installatio	me to see a of the platform and y it may be ce ommended) in Folder:
Select Platfo Select the platf	forms you want to config mon Technology Engin CommServe Modules CommCell Console MediaAgent Modules th Modules Rackup & Recovery Context Indexing and St Web Based Search & Bi Archive Management Continuous20 Adl Peplica	e earch rowse		platform nai description reasons wh disabled. — Disk Spac (Req/Reco Installatio 0 I	me to see a of the platform and y it may be ce mmmended) in Folder: MB/0 MB
Select Platfo Select the platf	ioms you want to config mon Technology Engini CommServe Modules CommCell Console MediaAgent Modules Rackup & Recovery Content Indexing and S: Web Based Search & B Archive Management ContinuousDataReplica SIM	e earch rowse		platform nai description reasons wh disabled. — Disk Spac (Req/Recc Installatic 0 I Tempora	me to see a of the platform and y it may be ce mmmended) in Folder: MB/0 MB W/0 MB
Select Platfo Select the platf - Ca -	rom you want to config mon Technology Engin CommServe Modules CommCell Console MediaAgent Modules at Modules Rackup A. Recovery Content Indexing and S Web Based Search & Web Based Search & ContinuousD ataRepica SRM Supporting Modules	e earch rowse		platform nai description reasons wh disabled. — Disk Spac (Req/Recc Installatic 0 I Tempora	me to see a of the platform and y it may be ce mmmended) in Folder: MB/0 MB
Select Platfo Select the platf	rom you want to config mon Technology Engin CommGell Console MediaAgant Modules it Modules ackup & Reacowary Content Indexing and Search & Bi Archive Management SRM Supporting Modules Is	e earch rowse		platform na description reasons wh disabled. — Disk Spac (Req/Recc Installatic 0 I Temporal 0 I	me to see a of the platform and y it may be ce mmmended) in Folder: MB/0 MB W/0 MB
Select Platfo Select the platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	irom you want to config mon Technology Engin CommGel Console MediaAgent Modules It Modules Rackup & Reacroway Content Indexing and S Rackup Amagement Content Indexing and S Archive Management SRM Supporting Modules Is It	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be mmended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	rom you want to config mon Technology Engin CommGell Console MediaAgant Modules it Modules ackup & Reacowary Content Indexing and Search & Bi Archive Management SRM Supporting Modules Is	e earch rowse		platform na description reasons wh disabled. — Disk Spac (Req/Recc Installatic 0 I Temporal 0 I	me to see a of the platform and y it may be se momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB
Select Platfo Select the platfo e Com e Co	irom you want to config mon Technology Engin CommGel Console MediaAgent Modules It Modules Rackup & Reacroway Content Indexing and S Rackup Amagement Content Undersig and S Archive Management SRM Supporting Modules Is It	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Construction of the platform Construction of the platform Con	irom you want to config mon Technology Engin CommGel Console MediaAgent Modules It Modules Rackup & Reacroway Content Indexing and S Rackup Amagement Content Undersig and S Archive Management SRM Supporting Modules Is It	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Construction of the platform Construction of the platform Con	roms you want to config mon Technology Engin CommGel Console MediaAgent Modules It Modules Rackup & Reacowary Content Indexing and S Rackup Amagement Content Undexing and S Archive Management SRM Supporting Modules Is r	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Construction of the platform Construction of the platform Con	irom you want to config mon Technology Engin CommSet Conside Mediadapent Modules th Modules Backup A Renoway Web Barekup A Renoway Meta A Renoway Met	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Come of Come Come of Come Come of Come Come of Come Come of Come Come of Come Come of Come of Come Come of Come of Come Come of Come of Come of Come Come of Come of Come of Come of Come Come of Come of Come of Come of Come of Come Come of Come of	irom you want to config mon Technology Engin CommSet Conside Mediadapent Modules th Modules Backup A Renoway Web Barekup A Renoway Meta A Renoway Met	e earch tor	~	platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	irom you want to config mon Technology Engin CommSet Conside Mediadapent Modules th Modules Backup A Renoway Web Barekup A Renoway Meta A Renoway Met	e earch tor		platform nau description reasons wh disabled. - Disk Spac (Req/Recc Installatic 0 1 Temporal 0 1 Special Re	me to see a of the platform and y it may be momended) in Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use
Select Platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	irom you want to config mon Technology Engin CommSet Conside Mediadapent Modules th Modules Backup A Renoway Web Barekup A Renoway Meta A Renoway Met	e earch tor < Back		platform na description reasons wh disabled. - Disk Space (Req/Recc Installation 01 Temporal 01 Special Re	me to see a of the platform and y it may be mended) on Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use Cancel
Select Platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	ioms you want to config mon Technology Engin CommGel Conside MediaAgent Modules th Modules th Modules Backup A Renoway Web Barekup A Renoway Med Santha A Renoway Web Barekup A Renoway figuration all services	e earch tor < Back		platform na description reasons wh disabled. - Disk Space (Req/Recc Installation 01 Temporal 01 Special Re	me to see a of the platform and y it may be mended) on Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use Cancel
Select Platfo Select the platfo Com Com Com Com Com Com Com Com Com Co	ioms you want to config mon Technology Engin CommSel Conside MediaAgant Modules th Modules th Modules th Modules Control Indexing and St Web Barekup A Recovery Control Indexing and St Web Barekup A Recovery Control Indexing and St Web Barekup A Recovery the Anthere Management Control Control Index St St St St St St St St St St St St St	e earch tor < Back		platform na description reasons wh disabled. - Disk Space (Req/Recc Installation 01 Temporal 01 Special Re	me to see a of the platform and y it may be mended) on Folder: MB / 0 MB y on C: drive: MB / 0 MB gistry Keys In Use Cancel
Select Platfo Select the platfo Select the platfo Comment Configure free Installer Firewall Con Configure free Installer Configure free Plane a pacing of the configure free Configure free Plane a pacing of the configure free Configure free	ioms you want to config mon Technology Engin CommGel Conside MediaAgent Modules th Modules th Modules Backup A Renoway Web Barekup A Renoway Med Santha A Renoway Web Barekup A Renoway figuration all services	e earch tor convese tor convert and the CommS line and the comm port, where the the second and the comment of the second and the comment of the second and the comment of the second and	erve, con	platform nai description reasons whi disabled. Disk Space (Req/Recc Installatic 01 Tempora 01 Special Re Next >	me to see a of the platform and y it may be commended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Select Platfo Select the platfo Select the platfo Compared to the platform Compared to the platform Compared to the platform Configure form Configure forewall Configure forewall Config	ioms you want to config mon Technology Engin CommGell Conside MediaAgent Modules it Modules it Modules it Modules exerving Content Indexing and Search & B Active Management of Bard Search & B Active Management of Bard Search & B Active Management is for Restore Drily figuration all services is proved to a Common firewall services is proved to a Common the bard on Common t	e earch rowse tor < Back lie and the CommS lie fimiting network, we's turnel pot, who re's turnel pot, who in between.	erve, con traffic. WP ether all co set Comms	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Select Platfo Select the platfo Select the platfo Compared the platform Compared the platform Configure form Configure form Configure form Configure form Platform Configure form Configure form Configur	ioms you want to config mon Technology Engin CommGell Console MediaAgant Modules it Modules it Modules it Modules and Machine Second MediaAgant Modules it Modules Archive Management de Based Search & B Archive Management de Based Search & B Archive Management SRM Supporting Modules is in for Restore Only figuration all services to metabolisment firewall services to how holdow Enrewa are blocked, and ategus the for Restore Commerce to moder Search Search Search Search firewall services	e earch tor < Back ine and the CommS filis limiting network. Ye's turnel port, who should instead experi	erve, con traffic. Wh ether all co ect Commis	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Configue firew	ioms you want to config mon Technology Engin CommGel Console MediaAgent Modules It Modules Ackups A Recovery Content Indexing and S Reckup & Reckup & Reckup Indexing A Reckup & Reckup Index I and Reckup & Reckup Index I and Reckup & Reckup & Reckup Index I and Reckup & Reckup & Reckup Index I and Reckup & Reckup & Reckup & Reckup & Reckup I and Reckup & Recku	e earch rowse tor           earch ine and the CommS          ine and the CommS          ine in the CommS          ine and the commS	erve, con traffic. Wh ether all co ect Commis	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Select Platfo Select the platfo Select the platfo Come Come Come Configure 1 Configure 1 C	ioms you want to config mon Technology Engin CommGell Console MediaAgant Modules it Modules it Modules it Modules and Machine Second MediaAgant Modules it Modules Archive Management de Based Search & B Archive Management de Based Search & B Archive Management SRM Supporting Modules is in for Restore Only figuration all services to metabolisment firewall services to how holdow Enrewa are blocked, and ategus the for Restore Commerce to moder Search Search Search Search firewall services	e earch rowse tor           earch ine and the CommS          ine and the CommS          ine in the CommS          ine and the commS	erve, con traffic. Wh ether all co ect Commis	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Select Platfo Select the platfo Select the platfo Com Compared to the platform Configure I Configure I Configure I Configure I Configure I Configure I Configure I Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve Commiserve	ioms you want to config mon Technology Engin CommGel Conde MediaAgant Modules t Modules t Modules Backup F Recowy Web Bared Search & B Active Management Context Indexing and So Web Bared Search & B Active Management Search & B Context Indexing and So Web Bared Search & B State Search & B Context Indexing and So Web Bared Search & B So to Restore Drily Inguration all services wall between this mach firewall services by how Windows Trews on here to a context the blocked. Context we can open connection we can open connection	e earch rowse tor           earch ine and the CommS          ine and the CommS          ine in the CommS          ine and the commS	erve, con traffic. Wh ether all co ect Commis	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be momended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Cancel Services below.
Select Platfo Select the platfo Select the platfo Com Com Com Configure 1 Configure 1 Conf	ioms you want to config mon Technology Engin CommGel Conde MediaAgant Modules t Modules t Modules Backup F Recowy Web Bared Search & B Active Management Context Indexing and So Web Bared Search & B Active Management Search & B Context Indexing and So Web Bared Search & B State Search & B Context Indexing and So Web Bared Search & B So to Restore Drily Inguration all services wall between this mach firewall services by how Windows Trews on here to a context the blocked. Context we can open connection we can open connection	e earch rowse tor           earch ine and the CommS          ine and the CommS          ine in the CommS          ine and the commS	erve, cont traffic. Wh ether all co ect Comms tunnel po re	International and a second with a second sec	me to see a of the platform and y it may be or mmended) in Folder: MB/ 0 MB y on C: drive: MB/ 0 MB gistry Keys In Use Cancel Services below. services below. services below.
Select Platfo Select the platfo Select the platfo Com Com Com Select the platform Com Com Select the platform Com Select the platform Com Select the platform Com Select the platform Com Select the select Com Select the select the select the select Com Select the select the s	ioms you want to config mon Technology Engin CommGel Conde MediaAgant Modules t Modules t Modules Backup F Recowy Web Bared Search & B Active Management Context Indexing and So Web Bared Search & B Active Management Search & B Context Indexing and So Web Bared Search & B State Search & B Context Indexing and So Web Bared Search & B So to Restore Drily Inguration all services wall between this mach firewall services by how Windows Trews on here to a context the blocked. Context we can open connection we can open connection	e earch rowse tor           earch ine and the CommS ine to commServe or toward this maching to between.	erve, cont traffic. Wh ether all co ect Comms tunnel po re	platform nai description reasons whi description platform and and and platform and and reasons while a special Re Next >	me to see a of the platform and y it may be mmended) n Folder: MB / 0 MB gistry Keys In Use Cancel Services below.

9. Enter the fully qualified domain name of the **CommServe Host Name**.

Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

		CommServe Host Name (Enter a valid, fully-qualified, IP host name; for example: nycomputer.mycompany.com) nycomputer.mycompany.com
		Installer < Back C
10.	Click Next.	Installer
	If there is any other instance installed on the computer, make sure that the host name does not match the client name entered in the <b>Select a client name</b> field in the	Communication Interface Name Setup will configure the communication paths.
	previous instance.	Select a client name audi on
		Select an interface name that this computer will use to communicate with the CommServe
		audi.mycompany.com
		Installer C
11.	Select Add programs to the Windows Firewall Exclusion List, to add CommCell	Installer
	programs and services to the Windows Firewall Exclusion List. Click <b>Next</b> .	Windows Firewall Exclusion List Allow programs to communicate through Windows Firewall
	This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.	Windows Firewall is ON
	It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.	If you plan on using Windows Firewall, it is recommended to add the software program exclusion list.
		Installer CBack C
12.	Verify the default location for software installation.	Installer
	Click <b>Browse</b> to change the default location.	Destination Folder
	Click Next.	Select the destination folder to install the program files.
	<ul> <li>Do not install the software to a mapped network drive.</li> </ul>	Click Next to accept the default location, or click Browse to choose an alternate location
	<ul> <li>Do not use the following characters when specifying the destination path:</li> </ul>	Destination Folder           Destination Folder         Browse
	/:*?"<> #	Jennetoricumatican
	It is recommended that you use alphanumeric characters only.	Drive List

CommServe Name Specify the CommServe computer name and host name

CommServe Client Name

Cancel

Cancel

Cancel

X

recommended to add the software programs to the

Space Required / Recommended

< Back

1394 MB / 1670 MB

Next >

Drive List

C: 928 MB

Installer

-

Cancel

#### 13. Select a Client Group from the list.

## Click Next.

This screen will be displayed if Client Groups are configured in the CommCell Console.

14. Click Next.

15. Select a Storage Policy. Click Next.

If you do not have Storage Policy created, this message will be displayed. Click  ${\bf OK}.$ 

You can create the Storage Policy later in step 21.

16. Select Exchange Server Name and Exchange Server Version from drop-down list. Click Next.

Schedule Install of Automatic Updates   Choose when you want to schedule an install of the   Image: Schedule Install of Automatic Updates   Image: Schedule Install of Automatic Install of Backup   Select a storage policy for the default subclient to be   Schedule Installer   Image: Schedule Install of Defautes   Image: Schedule Install of Englishered Instal	nstaller	le l
The Clear Bins is also also deposition of a division is whether the same basic deposition of a division is whether the same basic deposition of a division is whether the same basic deposition of a division of the division of th		
both have be some associations at various levels like Listelier Listelier Cleret goup: Listelier Cleret goup: Listelier Cleret goup: Listelier Cleret goup: Cleret goup: Cler	Select a client group	for the client.
both have be some associations at various levels like Listelier Listelier Cleret goup: Listelier Cleret goup: Listelier Cleret goup: Listelier Cleret goup: Cleret goup: Cler		
Clear group:   Inteller   Clear group:   Inteller   Clear group:   <	The	Client Group is a logical grouping of client machines h have the same associations at various levels like
Norm Selected   Installer   Cancel   Schedde Instal of Automatic Updates   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Weakly   Weakly<	Sche	edule Policy, Activity Control, Security and Reports.
Norm Selected   Installer   Cancel   Schedde Instal of Automatic Updates   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Choose wheny we to achedde an install of the   Weakly   Weakly<		
<pre>eler.goup inteler</pre>		Client group:
<pre>inteller</pre>		None Selected
< Back		clienc_group
Clark     Schedule Install of Automatic Updates   Choose whenyou went to schedule an install of the     Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Staller   Configure for Laptop or Desktop Backup   Select a storage policy form the pud-down lat.   Configure for Laptop or Desktop Backup   Select a storage policy from the pud-down lat.   Indefigure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Statut and the advance in the pud-down lat.   Installer   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup		I
Clark     Schedule Install of Automatic Updates   Choose whenyou went to schedule an install of the     Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Choose whenyou went to schedule an install of the   Staller   Configure for Laptop or Desktop Backup   Select a storage policy form the pud-down lat.   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Schedule and an adoction to the   Installer   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Configure for Laptop or Desktop Backup   Configure for Laptop or Desktop Backup   Installer   Confi		
stater  tater stater  stater  stater stater  stater  stater  stater  stater  stater  stater  stater  stater  stater  stater  stater  stater  stater  s	Installer	
Schedule Install of Automatic Updates Choce when you want to schedule an install of the Weekly Usersay Users		< Back Next > Cancel
Schedule Install of Automatic Updates Choose when you went to schedule an install of the Schedule Install of Automatic Updates Schedule Install of Automatic Install of Netro Schedule Install of Net		
Choose added updates. Choose added updates. Choose Choose Choos	staller	
downloaded updates.		
Once   Weekly Wedvesday   Fiday Saturday   Fiday Saturday   Installer Book <b>Storage Policy Selection</b> Select a storage policy for the default subclient to be   Book Net2 <b>Select a storage policy from the pull-down fist</b> Installer Book <b>Concel</b> Installer Book <b>Concel</b> Configue for Laptop of Desktop Backup   Select a storage policy from the pull-down fist <b>Installer</b> Concel <b>Select a storage policy from the pull-down fist</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel Select a storage policy from the pull-down fist   Installer   <b>Concel Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage Server Name Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the de</b></b></b></b></b></b></b></b></b></b></b></b></b>	downloaded updates	anit to schedule an instan of the s,
Once   Weekly Wedvesday   Fiday Saturday   Fiday Saturday   Installer Book <b>Storage Policy Selection</b> Select a storage policy for the default subclient to be   Book Net2 <b>Select a storage policy from the pull-down fist</b> Installer Book <b>Concel</b> Installer Book <b>Concel</b> Configue for Laptop of Desktop Backup   Select a storage policy from the pull-down fist <b>Installer</b> Concel <b>Select a storage policy from the pull-down fist</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel</b> Installer <b>Concel Select a storage policy from the pull-down fist   Installer   <b>Concel Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage Server Name Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the default subclient to be <b>Select a storage policy for the de</b></b></b></b></b></b></b></b></b></b></b></b></b>		
Once   Weekly Installer   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist.   Installer   Configue for Laptop of Desktop Backup Extension of Desktop Backup <	Grand Schedule Inst	tall of Automatic Updates
Image:       0.31:12 PM ()         Wedesday       Turusday         Fiddy       Saturday         Fiddy       Saturday         Installer       () Back         Storage Policy Selection       Saturday         Select a storage policy for the default subclient to be       Select a storage policy from the pulidown list:         Installer       () Back       Next>       Cancel         Installer		
<ul> <li>Weekly</li> <li>Monday</li> <li>Tuesday</li> <li>Weekly</li> <li>Monday</li> <li>Tuesday</li> <li>Saluday</li> <li></li></ul>		Time: 08:31:12 PM
Wednesday Thurday Fiday Satuday Instaler Storage Policy Selection Select a storage policy for the default subclient to be backed up. Configure for Laptop or Desktop Backup Select a storage policy from the pull-down fist. Instaler  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy from the pull-down fist. Instaler  Cancel  Select a storage policy for the default subclient to be Instaler  Cancel  Select a storage policy for the default subclient to be Instaler  Cancel  Select a storage policy for the default subclient to be Instaler  Cancel  Select a storage policy for the default subclient to be Select a storage policy for the default subclient to be Instaler  Cancel  Select a storage policy for the default subclient to be Instaler  Cancel  Select a storage policy for the default subclient to be Select a storage policy for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage policy for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Select a storage for the default subclient to be Sele	Weekly	
Fiday Studay Instaler  Studay Instaler  Starting Policy Selection Select a storage policy for the default subclient to be Select a storage policy from the pull-down fist. Instaler  Instaler  Back Next> Cancel Instaler  Instaler  Configue for Laptop of Desktop Backup Select a storage policy from the pull-down fist. Instaler  Instaler  Instaler  Concel Instaler  Instaler  Instaler  Instaler  Exclorage Server Name: Exchange Server Name: Exchange Server Name: Exchange Server Version Exchange 207		
Instaler       Instaler    Image      Instaler    Image      Corrigue for Laptop or Desktop Backup      Select a storage policy from the pull-down list:      Instaler      Instaler <tr< td=""><td></td><td></td></tr<>		
Installer  Storage Policy Selection  Select a storage policy for the default subclient to be backed up.  Configue for Laptop of Desktop Backup  Select a storage policy from the pull-down fist.  Installer  Installer  Reace		
<		C Sunday
http://www.intermediatestationalized in the intermediatestation in the public of the default subclient to be backed up.  Configure for Laptop or Desktop Backup Select a storage policy from the public own fits.  Installer  Installer  Exclamage Server Version  Exchange Se	Installer	
Storage Policy Selection Select a storage policy for the default subclient to be Select a storage policy for the default subclient to be Select a storage policy from the pull-down list  Installer  nstaller  Installer  Installer Installer  Installer  Installer  Installer  Installer  Installer  Ins		< back Next> Cancer
Storage Policy Selection Select a storage policy for the default subclient to be Select a storage policy for the default subclient to be Select a storage policy from the pull-down list  Installer  nstaller  Installer  Installer Installer  Installer  Installer  Installer  Installer  Installer  Ins		
Select a stronge policy for the default subclient to be configure for Laptop or Desktop Backup Select a storage policy from the pull-down list.		
backed up.  Configure for Laptop or Desktop Backup  Select a storage policy from the pull-down list.  Installer  (Back Next) Cancel  Configure for Laptop or Desktop Backup  Cancel  Configure for Laptop or Desktop Backup  Configure for Laptop or D	Storage Policy S	election
Configure for Laptop or Desktop Backup Select a storage policy from the pull-down list  Instaler  Instaler  Cancel  Ca	Select a storage pol	icy for the default subclient to be
<form></form>	backed up.	
<form></form>	Configure for	Lanton or Deskton Backun
Instaler     Instaler <td></td> <td></td>		
Instaler  Instal	Select a stor	age policy from the pull-down list.
Instaler           Instaler            State         Next>		Unassigned 🔽
Kalk     Next>     Cancel         Contribute to the default whicher to be         Contribute for Laptice or Deaktop Bachare         Kalce             Kalce         Kalce         Kalce         Kalce             Kalce         Kalce         Kalce         Kalce         Kalce <td></td> <td></td>		
Kalk     Next>     Cancel         Contribute to the default inductions to be         Contribute to the default inductions to be         Contribute to the default inductions to be         Instance         Exchange Server Name:          Exchange Server Version          Exchange Server Version		
Kalk     Next>     Cancel         Contribute to the default inductions to be         Contribute to the default inductions to be         Contribute to the default inductions to be         Instance         Exchange Server Name:          Exchange Server Version          Exchange Server Version		
Kalk     Next>     Cancel         Contribute to the default inductions to be         Contribute to the default inductions to be         Contribute to the default inductions to be         Instance         Exchange Server Name:          Exchange Server Version          Exchange Server Version		
	Installer	
Startage Pathog Selfection  Pathog active default subclimer to be  Configure for Lapping or Deskings Backlage  Louisaker  Cancel  Louisaker  Exchange Server Name:  Exchange Server Name:  Exchange Server Version  Exchange		<back next=""> Cancel</back>
Startage Pathog Selfection  Pathog active default wheelener to be  Configure for Laptop or Desktop Backup  Frontaker  Cancel  Exchange Server Vanee  Exchange Server Name:  Exchange Server Varion  Ex	Installer	
The Configure for Laptop or Desktop Backwar trease trease tabl	Storage Policy S	election
Exact Ments Concert  state  xchange Server Name  Exchange Server  Exchange Server  Exchange Server Name:  Exchange Server Version  Exchange Server Version  Exchange 2007		
Exact Ments Concert  state  xchange Server Name  Exchange Server  Exchange Server Exchange Server Exchange Server Name: Exchange Server Version  Exchange Server Versi		
Exact Ments Concert  state  xchange Server Name  Exchange Server  Exchange Server Exchange Server Exchange Server Name: Exchange Server Version  Exchange Server Versi		
staller  xchange Server Name Please provide Exchange server Exchange Server Exchange Server Exchange Server Exchange Server Version Exchange 2007	Installer	< Back Next> Cancel
xchange Server Name Please provide Exchange server name Exchange Server Exchange Server Name: Exchange Server Version Exchange Server Version Exchange 2007		
Please provide Exchange server name Exchange Server Exchange Server Exchange Server Exchange Server Version Exchange 2007	staller	
Exchange Server Exchange Server Name: Exchange_Server Exchange Server Version Exchange 2007		
Exchange Server Name: Exchange Server Exchange Server Version Exchange 2007		
Exchange Server Name: Exchange Server Exchange Server Version Exchange 2007		
Exchange Server Name: Exchange Server Exchange Server Version Exchange 2007		
Exchange_Server Exchange Server Version Exchange 2007		
, Exchange Server Version Exchange 2007		
Exchange 2007		
Installer		Exchange 2007
Installer		
Installer		
	Installer	
< <u>B</u> ack <u>N</u> ext> <u>C</u> ancel		( Paole Neut) Canael
	Installer	

17. Click Next.

- **18.** Enter the following Exchange Administrator information then click **Next**.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - Profile Name Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - **Exchange Server Name** Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.

Enter the Mailbox Role Server name (NetBIOS). After installation configure the roles as described in Configure Mailboxes in Database Availability Group (DAG) Servers.

- Domain The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.
- 19. Click Next.

20. Click Finish.

Installer	
Summary Summary of install selections	_
Setup has enough information to start copying the program files. If you are satisfied with th install settings, click Next to begin copying files.	he
Destination Path = C\Program Files\ CommServe Host = mycomputer.mycompany.com Interface Name = audi.mycompany.com Client = audi	
Job Results Path = C.\Program Files\JobResults Global Filters = Use Cell level policy	~
Installer < Back Next > Canc	cel
Installer	
Exchange Administrator Account Information Mailbox and Profile information	
Please enter the Exchange account information required below. A new profile will be created the information supplied.	l with
Account Name: Profile Name:	_
Account Password: Exchange Server Name:	
Maibox Name for this Account: Domain:	
Installer < Back Next> Canc	cel
Installer	
Schedule Reminder Job schedule creation reminder	
Please note: You still need to create a Job Schedule for each DataAgent that has been installed on this clear computer.	
Job Schedules are required to allow the iDataAgents to perform automated backup and restore operations.	
Job Schedule creation can be accomplished through the CommCell Console administration interface.	
Installer	
Installer	X
Completion Report Setup complete	
Software installation completed successfully. Visit the website below to download latest Updates and Service Packs.	*
Click Finish to complete Setup.	
	Ŧ
Installer	
Technical Support Website	

If you already have a storage policy selected in step 15, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

## 21. Create a Storage Policy:

- 1. From the CommCell Browser, navigate to **Policies**.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options

are mentioned below:

- Select the Storage Policy type as Data Protection and Archiving and click Next.
- Enter the name in the Storage Policy Name box and click Next.
- From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- $\circ\;$  For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

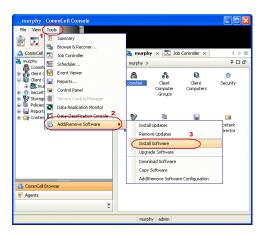
- Review the details and click **Finish** to create the Storage Policy.
- 22. Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click Properties.
  - Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

 $\ensuremath{\mathsf{Enter}}$  MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

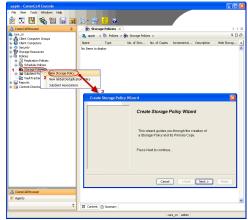
- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

## METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

1. From the CommCell Browser, select **Tools**, point to **Add/Remove Software**, and then click **Install Software**.



2. Click Next.



3. Select Windows. Click Next.

4. Select Manually Select Computers. Click Next.

5. Enter the fully qualified domain name of the computer on which you have Exchange Server.

For example: win08ex07.idclab.loc

Click Next.

Install Wizard	
This wizard guides you through the steps required to install softw	are on computers.
Click Next to continue.	
< Back (Next >) Save As Script Finish	Cancel <u>H</u> elp
Installer	
Select the computer's operating system	
( Windows	
O Unix and Linux	
< Back Next > Save As Script Finish	Cancel Help
Installer	
Installer Select how to discover the computers for installing the se	
Select how to discover the computers for installing the so	
Select how to discover the computers for installing the se the select computers Software will be installed only on the selected list of computers.	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se the select computers Software will be installed only on the selected list of computers.	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automatically discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automatically discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automatically discover computers	
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected lot of computers Computers will be discovered when the job runs.	Jftware
Select how to discover the computers for installing the se Manualy select computers Software will be installed only on the selected list of computers. Automaticably discover computers	
Select how to discover the computers for installing the set Image: Selvare will be installed Automatically discover computers Computers will be discovered when the job runs. Captures will be discovered when the job runs. Captures will be discovered when the job runs. Sever As Sorpt Prish	oftware Cancel Belp
Select how to discover the computers for installing the se Installing the select Installed only on the selected lat of computers Automatically discover computers Computers will be discovered when the job runs. Installing Installing Save As Script Prech-	Jftware
Select how to discover the computers for installing the se Image: Select computers Automatically descover computers Computers will be installed only on the selected lat of computers. Automatically descovered when the job runs. Image: Computers will be descovered when the job runs. Computers will be descovered when the job runs.	oftware Cancel Belp
Select how to discover the computers for installing the se Image: Select computers Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Sever As Script Prech-	Sitware
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Belp
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Sitware
Select how to discover the computers for installing the se Installing the selected only on the selected lat of computers. Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Installing Computers will be discovered when the job runs. Computers will	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected set of computers Automatically decover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs.	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected only on the selected lat of computers. Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Installing Computers will be discovered when the job runs. Computers will	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected only on the selected lat of computers. Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Installing Computers will be discovered when the job runs. Computers will	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected only on the selected lat of computers. Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Installing Computers will be discovered when the job runs. Computers will	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the selected only on the selected lat of computers. Automatically discover computers Computers will be discovered when the job runs. Computers will be discovered when the job runs. Installing Computers will be discovered when the job runs. Computers will	Stware Cancel Help Cancel Help
Select how to discover the computers for installing the se Installing the select Installing velocit computers Automatically discover computers Computers will be discovered when the job runs. Installing In	Stware Cancel Help Cancel Help

6. Click Next.

 Specify User Name and Password that must be used to access the computer. Click Next.

- To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

Click Next.

For Non-Exchange Server, Exchange Database  $i\mbox{DataAgent}$  will not be applicable.

9.

- Select Client Group from Available and click Add.
  - Select a **Storage Policy** from the drop-down list. Click **Next**.

NOTES:

 Select the Configure for Laptop or Desktop Backup option to install Backup Monitor utility. This utility allows you to view the backup job summary from the client computer without opening the CommCell Console. See Monitor - Laptop User for more information.

	current Client or Client Group Software Cache settings, click Next. To override Software Cache settings check le Software Cache and select the Software Cache to be used.
-	Dverride Saftware Cache #thvare Cache #thvare Cache: murphy.domain.company.com
	<book next=""> Save As Script Finish Cancel Heb</book>
Installe	ar 🛛 🕅
	r Account Information specified account should have administrative access to the computer. If you are installing
mult	spectred account should have administrative access to the computer. If you are instailing iple clients, the user should have access to all clients.
	Reuse Active Directory credentials
	User Name:
	Example:domain\username Password:
	Confirm Password:
< <u>B</u> ad	k Vext > Save As Script Finish Cancel Help
. Eas	
Installer	
Select Pa	ckage(s) to Install
	Soft for Mix08     Sybase DataAgent     Mix02     M
e 6	Concentration Agent     Concentration
	Contrarge Mathewite Based Agent     Contrarge Mathewite Based Agent     Contrarge Mathewite Based Agent     Contrarge Mathematication     Contrarge Mathematication
€	Lotus Notes     Lotus Notes Database DataAgent     Lotus Notes Database Tatabaset
86	SharePoint DataSount
	Content Indexing and Search  I office Content Indexing  Office Content Indexing for Exchange  I office Content Indexing for Exchange
T T-C	S LENG POR DECEMBER 15
	chree Management Denrein Archere Agent Denrein Malson Archere Agent Locate Notes Addrese Tagent Locate Notes Addrese Tagent
	Cheve Management Serverten Auford Management Serverten Auford Management Serverten Auford Cheve Linke Interne Aufoh Cheve Linke Interne Aufoh Cheve Linke Interne Aufoh Cheve Linke Interne Aufohan Agent Exchange Management Aufohan Agent Exchange Management Aufohan Agent
	Change Magazineta and ea Andrea Magazineta and Change Magazineta Magazineta
	Cheve Management 20 andreits also view lapse Annel 21 des Inten Adolh Clark 21 charge Campace Adolhar 21 charge Campace Adolhar 21 charge Campace Adolhar 21 charge Campace Adolhar 21 charge Valler Adolhar 21 charge Val
	Change Magazineta and ea Andrea Magazineta and Change Magazineta Magazineta
Installer Enter Re	the biogrammed of port
Installer Enter Record	the Management     the All All All All All All All All All Al
Installer Enter Re	The Managenetic dependence The Managenetic depe
Installer Enter Re	The Managenetic depending on the Appendix of the Appendix
Installer Enter Record	The Managenetic dependence The Managenetic depe
Installor Enter Record	cher le fange de la construit
Installer Enter Rec Gat	the left agend of period of the selected Software  ended  ended  ended  ended  ended  ended  e
Installer Enter Record	the information of the second set of the second
Installer Enter Record	In the function of port where bedaut where append where
Installer Enter Record	the information of the second set of the second
Installor Enter Record	the information of the second set of the second

10. Type the Agent Specific Settings information. Click **Next**.

## 11. Click Next.

## 12. Select Immediate. Click Next.

13. Click Finish.

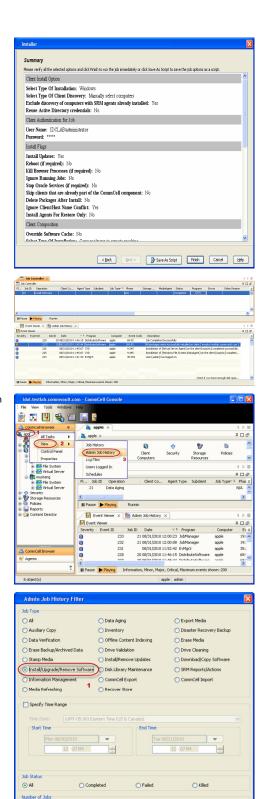
	for the selected Software		
Agent Specific Settings			
Components			
	er Information (Optional)		
Server Name			
Ξ Exchange Pro			
User Account 🛛			Configure Password
Profile Name			
Exchange Dat	share (Ontional)		
User Account			Configure Password
O Differential B			
<ul> <li>Incremental B</li> </ul>			
	< gack gent	Save As Script	Finish Cancel
ller			
er Additional Install	ptions		
😑 Installer Flags			
☑ Install Updates			
Reboot (if required			
Kill Browser Proces			
Ignore Running Jol			
Stop Orade Service			
	s (if required) already part of the CommCell component		
Advanced Options	aready part or the Community component		
Delete Packages A	un factual		
Delete Packages A     Jgnore Client/Host			
Install Result Log Locat			
Install Agents For I			
Optional Settings	iscore only		
<ul> <li>Job Result D</li> </ul>			
Path	rectory		
CVD Port			84
Evergrc Port			84
Install Directory			
Log File Location			
CommServe Host N	ne		
	< Back (Next	Save As Script	Pinish Cancel
staller			
	Vhen To Run The Jo	b	
'iease Seiect '		-	
Job Initiation			
Job Initiation			
Job Initiation	iate		
Job Initiation			
Job Initiation	iate ; job now		
Job Initiation	iate ; job now		
Job Initiation Immed Run thi Sched	iate ; job now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	
Job Initiation Immed Run thi Sched	ijob now	Configure	

<Back Next> Save As Script Finish Cancel Help

- **14.** You can track the progress of the job from the **Job Controller** or **Event Viewer** window.
- **15.** Once the job is complete, right-click the **CommServe** computer, click **View** and then click **Admin Job History**.

16. Select Install/Upgrade/Remove Software. Click OK.

2 OK Cancel Help



View All Jobs
 Desired Number of Jobs

- 17. You can view the following details about the job by right-clicking the job:
  - Items that succeeded during the job
  - Items that failed during the job
  - Details of the job

- Events of the job
- Log files of the job

Job Type	Job ID	Status	Start Time	End Time	User N	Error C	Storag	Auton	Legal	Legal	
Install Software	20	S Complete	View Job Details	11.	, admin			NIA.	N/A	N/A	
			Resubmit Job								
			View Events								
			View Content In	dex 🔸							
			View Logs								
			Send Logs								

18.

Enable the following registry key to create job specific profiles:

- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.



# Install the Exchange Agents on Exchange Server 2003

< Previous Next >

Follow the steps given below to install the Exchange Agents on Exchange Server 2003.

# WHERE TO INSTALL

Install the software directly on the Exchange Server you wish to protect

# INSTALLATION

The software can be installed using one of the following methods:

#### **METHOD 1: INTERACTIVE INSTALL**

Use this procedure to directly install the software from the installation package or a **System Requirements** network drive.

#### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

Use this procedure to remotely install the software on a client computer.

## **RELATED TOPICS**

Download Software Packages

Provides step-by-step procedure to download the latest packages for software install.

**System Requirements** Verify that the computer in which you wish to install the software satisfies the System Requirements.

#### Firewall

Provides comprehensive information on firewall.

## PREREQUISITES

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

- The mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- Using the Exchange System Manager snap-in, right-click the organization object and delegate control.
- Using the Wizard, assign the MailboxAdmin user Exchange Full Administrator privileges.
- Ensure that you assign full access to all mailboxes on the server. For details, see How do I Assign Full Access to All Mailboxes on a Server.

## **METHOD 1: INTERACTIVE INSTALL**

- 1. Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server
- 2. Run Setup.exe from the Software Installation Package.
- 3. Select the required language.

Click Next.

Select the language you will use during installation.	
Next >	Cancel
≓ Install Software on this computer	
View documentation website	
<ul> <li>View Install Quick Start Guide (Requires Adobe Acrobat Reader)</li> <li>Install Adobe Acrobat Reader</li> </ul>	
	⊜ Exit

4. Select the option to install software on this computer.

The options that appear on this screen depend on the computer in which the software is being installed.

5. Select I accept the terms in the license agreement.

Click Next.

- To install the Exchange iDataAgents expand Client Modules | Backup & Recovery 6. | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the Exchange Archiver Agents, expand Client Modules | Archive Management, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

7. If this computer and the CommServe is separated by a firewall, select the **Configure** firewall services option and then click Next.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click **Next**.

8.	Enter the fully qualified domain name of the $\ensuremath{\textbf{CommServe Host Name}}.$
	Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

Confi	gure firewall services
connec CommS	specify how Windows Firewall is limiting network traffic. Whether it is possible to open tion from here to a Commöerve's turnel port, whether all connections toward erve are blocked, and setup should instead expect CommServe to connect back to this e, or whether there is a Proxy in between.
🖸 This	machine can open connection to CommServe on tunnel port
C Com	mServe can open connection toward this machine
C Com	
Ir	Next > Cancel
ialler	×
	Prve Name CommServe computer name and host
	CommServe Client Name
	CommServe Hoat Name [Enter a valid, fully-qualified, IP host name; for example: mycomputer.mycompany.com)
	mycomputer.mycompany.com
	·

< Back

Next>

License Agreement

Installer

nstaller

- 6

Select Platforms

Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement.

 I accept the terms in the license agreement. C I do not accept the terms in the license agreement

Select the platforms you want to configure

 □
 □
 Common Technology Engine

 ±
 □
 CommCell Conside

 ±
 □
 CommCell Conside

 ±
 □
 Control Adgert Modules

 □
 □
 Clenk Modules

 □
 □
 Control Indexing and Search

 □
 □
 Content Indexing and Search

Installer Install Agents for Restore Only

Firewall Configuration Configure firewall services

nstaller

End User License and Limited Warranty Agreement Software Release 9.0.0 (including Microsoft® SQL Server™ 2008 Enterprise Edition, SQL Server™ 2008 Express Edition and Windows Pre-Installation Environment) Fud Hoav I lanuas Age

> < Back

< Back

If there is a firewall between this machine and the CommServe, configure firewall services below.

Next >

Move the pointer over a platform name to see a description of the platform reasons why it may be disabled.

Disk Space (Reg/Recommended)

Installation Folder:

0 MB/ 0 MB

0 MB/ 0 MB

Special Registry Keys In Us

Cancel

X

Temporary on C: drive:

^

Cancel

9. Click Next. Cancel

		Installer
		Communication Interface Name Setup will configure the communication paths.
		Select a client name
		Select an interface name that this computer will use to communicate with the CommServe audi.mycompany.com
		IP Address(es) for the selected host.
		Installer  KBack Next> Cancel
10.	Select <b>Add programs to the Windows Firewall Exclusion List</b> , to add CommCell programs and services to the Windows Firewall Exclusion List.	Installer Windows Firewall Exclusion List Allow programs to communicate through Windows
	Click Next.	Firewall
	This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.	Windows Firewall is ON
	It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.	If you plan on using Windows Firewall, it is recommended to add the software programs to the exclusion list.
		Installer < Back Cancel
11.	Verify the default location for software installation.	Installer
	Click <b>Browse</b> to change the default location.	Destination Folder Select the destination folder to install the program files.
	Click Next.	Seek ne devination rouer to invarine pogramiles.
	<ul> <li>Do not install the software to a mapped network drive.</li> <li>Do not use the following characters when specifying the destination path:</li> </ul>	Click Next to accept the default location, or click Browse to choose an alternate location.  Destination Folder  CNProgram Flext Browse
	/:*?"<> #	
	It is recommended that you use alphanumeric characters only.	Drive List C: 928 MB Space Required / Recommended 1394 MB / 1670 MB
		Installer  Kack Next> Cancel
12.	Select a Client Group from the list.	Installer
	Click Next.	Client Group Selection Select a client group for the client.
	This screen will be displayed if Client Groups are configured in the	
	CommCell Console.	The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.
		Client group: None Selected client_group
		Installer < Back Next> Cancel
13.	Click <b>Next</b> .	

X

>

14.	Select a Storage Policy.
	Click Next.

If you do not have	Storage Policy	created,	this message	will be	displayed
Click <b>OK</b> .					

You can create the Storage Policy later in step 25.

Configure for Laptop or Desktop Backup Select a storage policy from the pull-down list. Installer Select a storage policy for the default subclient to be backed up. Confi

staller

C Once

Weekly

Installer

Storage Policy Selection

Select a storage policy for the default subclient to be backed up.

are for Laptop or Desktop Backup

Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.

Schedule Install of Automatic Updates

Time:

Monday

C Friday

🔿 Sunday

< Back

< Back

C Wednesday

08:31:12 PM

÷

C Tuesday

C Thursday

C Saturday

Next>

•

Next>

Next >

Cancel

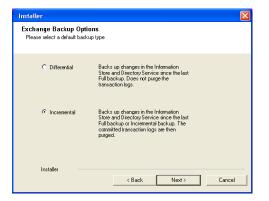
Cancel

Cancel

- If you are installing the Exchange Database iDataAgent, click Configure Exchange Database Specific Information.
- If you are installing the Exchange Agents, skip to Configure Exchange Agents Specific Information.

### CONFIGURE EXCHANGE DATABASE SPECIFIC INFORMATION

- Select the backup type for Exchange Database backups. Choose either of the 15. following options, then click Next.
  - Differential Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged.
  - Incremental Specifies that each non-full Exchange Database backup secures only that data that has changed since the last backup of any type. Committed transaction logs are purged.



16. Enter the user credentials to access the Exchange Server to perform the backup operation.

- The User Account must have Exchange Administrator privileges.
- The installation detects the domain name. If necessary, you can • modify the domain name by specifying Windows domain that the Exchange Server resides in.

17. Click Next.

Installe Summary Summary of install selections Setup has enough information to start copying the program files. If you are satisfied with the install settings, click Next to begin copying files. Destination Path = C\Program Files\ CommServe Host = mycomputer.mycompany.com Interface Name = audi.mycompany.com Client = audi Job Results Path = C\Program Files\JobResults Global Filters = Use Cell level policy Installer < Back

1

Enter Administrator account information Enter Administrator account informatio

Account Name

EXCH

Cancel

^

\*

Cancel

Next>

Please verify that Circular Logging is disabled before performing any database backup operations.

0K

- 18. The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is disabled:
  - From Exchange System Manager, navigate to and expand the server that the Database iDataAgent is being installed on.
  - Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

- If you are installing the Exchange Agents, then click Configure Exchange Agents Specific Information.
- If you are installing the Exchange Database iDataAgent, skip to Verify Summary of Install Options.

#### CONFIGURE EXCHANGE AGENTS SPECIFIC INFORMATION

19. Select Exchange Server Name and Exchange Server Version from drop-down list.

#### Click Next.

This screen will appear when you are installing Exchange Agents on Non-Exchange Server.

Installer					×
Exchange Server Na Please provide Exchange					
Exc	hange Server Exchange Se [Exchange_S Exchange Se [Exchange 20	erver erver Version			
Installer -		< <u>B</u> ack	<u>N</u> ext >	Cance	el l

20. Click Next.

S	
Summary Summary of install selections	
Setup has enough information to start o	copying the program files. If you are satisfied with the
install settings, click Next to begin copy	
	<u>^</u>
Destination Path = C:\Program Files\	
CommServe Host = mycomputer.mycor Interface Name = audi.mycompany.co	
Client = audi Job Results Path = C:\Program Files\Vi	
Global Filters = Use Cell level policy	
<	
Installer	
	< Back Next > Cancel
	×
Exchange Administrator Account	X
Exchange Administrator Account	X
Exchange Administrator Account	×
Exchange Administrator Account nformation Mailbox and Profile information	Nation required below. A new profile will be created with
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied.	ation required below. A new profile will be created with
Exchange Administrator Account nformation Mailbox and Profile information Please enter the Exchange account inform	
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied. Account Name:	ation required below. A new profile will be created with Profile Name:
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied.	ation required below. A new profile will be created with
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied. Account Name:	ation required below. A new profile will be created with Profile Name:
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied. Account Name:	ation required below. A new profile will be created with Profile Name:
Exchange Administrator Account nformation Malibox and Profile information Please enter the Exchange account inform the information supplied. Account Name: Account Password:	ation required below. A new profile will be created with Profile Name: Exchange Server Name:
Exchange Administrator Account Information Malbox and Profile information Please enter the Exchange account inform the information supplied. Account Name: Account Password:	ation required below. A new profile will be created with Profile Name: Exchange Server Name:
Please enter the Exchange account inform the information supplied. Account Name: Account Password:	ation required below. A new profile will be created with Profile Name: Exchange Server Name:
Account Password:  Account Password:  Mailbox Name for this Account:	ation required below. A new profile will be created with Profile Name: Exchange Server Name:

- 21. Enter the following Exchange Administrator information then click Next.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - **Profile Name** Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - Exchange Server Name Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.
  - **Domain** The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.

#### VERIFY SUMMARY OF INSTALL OPTIONS

22. Click Next.

23. Click Next.

Installer	×
Summary Summary of install selections	
Setup has enough information to start copying the program files. If you are satisfied with the install settings, click Next to begin copying files.	
Destination Path = C:\Program Files\ CommServe Host = mycomputer.mycompany.com Interface Name = audi.mycompany.com Client = audi. Job Results Path = C:\Program Files\JobResults Global Filters = Use Cell level policy	
Installer	
< Back Next > Cancel	
Installer	
Schedule Reminder Job schedule creation reminder	
Please note:	
You still need to create a Job Schedule for each iDataAgent that has been installed on this client computer.	
Job Schedules are required to allow the iDataAgents to perform automated backup and restore operations.	
Job Schedule creation can be accomplished through the CommCell Console administration interface.	
Installer	-

#### 24. Click Finish.

Softwar	e installation comple	ted successfully.		
Visit the	e website below to d	ownload latest Updates	s and Service Packs.	

If you already have a storage policy selected in step 14, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

- 25. Create a Storage Policy:
  - 1. From the CommCell Browser, navigate to Policies.
  - 2. Right-click the Storage Policies and then click New Storage Policy.
  - 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
    - Select the Storage Policy type as Data Protection and Archiving and click Next.
    - $\circ~$  Enter the name in the Storage Policy Name box and click Next.
    - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- $\circ\;$  For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

Review the details and click **Finish** to create the Storage Policy.

26. Enable the following registry key to create job specific profiles:

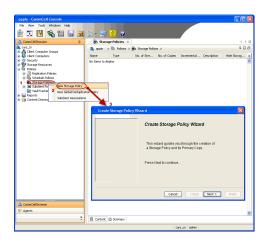
- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

 From the CommCell Browser, select Tools, point to Add/Remove Software, and then click Install Software.



2. Click Next.

3. Select Windows. Click Next.

4. Select Manually Select Computers. Click Next.

File View Tools	
Browse & Recover	
A CommCell Job Controller	💐 murphy 🗙 🔝 Job Controller 🗙 🛛 4 🖡 🗉
a murphy Scheduler	murphy > P 🗆 🗗
Comm E Scheduler Comm C E Event Viewer Client C E Reports	Committee Client Client Security
Control Panel	Computer Computers
🖶 😵 Storage 📱 Service Control Manager	Groups
Report 2	
Conter Deta Classification Concole	SP 🛅 🙀 🕼
	Remove Updates 3
	Install Software
	Upgrade Software
	Download Software
	Copy Software Add/Remove Software Configuration
🛕 CommCell Browser	
デ Agents	
3 <del>2</del>	
	murphy admin
Installer	
< Back (Next >) Sav	e As Script Finish Cancel Help
Installer	×
Select the computer's operating sy	
Select the computer's operating sys	
Select the computer's operating sys	
( Windows	
( Windows	
() Windows	
() Windows	
() Windows	
() Windows	
() Windows	
() Windows	
() Windows	
() Windows	
() Windows	
• Windows	
© Windows O Unix and Linux	
© Windows O Unix and Linux	item
Windows     Unix and Linux	itom e As Sopt Frish Cancel 1946
Windows     Windows     Windows     Windows     Windows     Back     Upext>     Point     Source	itom e As Sorpt Frich Cancel Help
Windows     Unic and Linux      (Constraints)      (Back (Beat >) ) Southers	itom e As Sorpt Frich Cancel Help
Windows     Windows     Units: and Linux:      < Rack     (Ljext >)	e As Sorpt Frich Cancel Help rs for installing the software
Windows     Windows     Unix: and Linux      Eack      e As Sorpt Frich Cancel Help rs for installing the software	
Windows     Windows     Windows     Unics and Linux      Each     Each     Each     Each     Each     Each     Each     Computer     Select how to discover the computer     for the unity select computer	tom e As Sorpt Frich Cancel Help rs for installing the software ted lak of computers.
Windows     W	tom e As Sorpt Frich Cancel Help rs for installing the software ted lak of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Print Cancel Help xs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.
Windows     W	tom e As Sorpt Frich Cancel Help rs for installing the software ted lak of computers.
Windows     W	tom e As Sorpt Frich Cancel Help rs for installing the software ted lak of computers.
Windows    Windows     Units and Linus:      Each       Detailor      Solect how to discover the computers      Software will be installed only on the sele     Automatically discover computers   Computers will be discovered when the production of the sele	tom e As Sorpt Frich Cancel Heb rs for installing the software ted lat of computers.

5. Enter the fully qualified domain name of the computer on which you have Exchange Server.

For example: win08ex07.idclab.loc Click Next.

6. Click Next.

 Specify User Name and Password that must be used to access the computer. Click Next.

- 8. To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

Click Next.

# Enter the host names of the computers Please enter the host names of the computers, one per lin Inport from File Import From Active Directory Select from existing clients <Back Next > III-Cancel Help Select Software Cache To use current Client or Client Group Software Cache settings, dick I Override Software Cache and select the Software Cache to be used ide Software Carbs settions rbed Override Software Cache <Back Next > Save As Script Finish Cancel Help Installe Enter Account Information The specified account should have administrative access to the computer. If you are installing multiple clients, the user should have access to all clients. User Name: Example:domain\username Password: Confirm Password: < Back Next > Save As Script Finish Cancel Help Select Package(s) to install r iDeba

<Back Next > Save As Scri

9.

- Select Client Group from Available and click Add.
- Select a **Storage Policy** from the drop-down list. Click **Next**.

NOTES:

• Select the **Configure for Laptop or Desktop Backup** option to install **Backup Monitor** utility. This utility allows you to view the backup job summary from the client computer without opening the CommCell Console. See Monitor - Laptop User for more information. Cancel Help

10. Type the Agent Specific Settings information. Click **Next**.

11. Click Next.

## 12. Select Immediate. Click Next.

### 13. Click Finish.

Recommended Settin	¢
😑 Client Grou	
Available: Laptop	Selected: Add > Laptop Backup
	Add > Capity Samp
	Add Al >>
Global Filters	<< Remove All
doba nicers	Use Cell level policy
Configure For	Laptop Backups
Storage Policy	to use
	<back next=""> Save As Script Finish Cancel</back>
	< Back Next > Save As Script Finish Cancel
ller	
	ons for the selected Software
Agent Specific Settings	
Components	
	erver Information (Optional)
Server Name	
	vrofile (Optional)
	IDCLA8(administrator Configure Password
Mailbox Name	
Profile Name	
	Natabase (Optional)
User Account	IDCLA8(administrator Configure Password
O Differentia	
<ol> <li>Incrementa</li> </ol>	Bedup
	< god. (gent > Save As Sorpt Finish Concel
Installer Flags Install Updates Reboot (if requi Kill Browser Proc Ignore Running Stop Crade Ser	nsses (Frequend) Jobs
Install Updates     Reboot (if require     Kill Browser Proc     Ignore Running     Stop Oracle Ser     Skip clerits that     Advanced Option     V Delete Packages	nees (Frequed) Sola was (Frequed) was alwala part of the Conscill component 6 
Install Updates Reboot (if requi Islances of the second o	asses (Frequed) bloc are develop red the CoemCell component are develop to the CoemCell component affer tordal et Name Coeffict
Install Updates     Reboot (/ requi     Still Browser Proc     Janore Running     Stop Oracle Ser     Stap clents that     Advanced Option     V Delete Packages     V Ignore Clent/htt	asses (Frequest) bits for request) e
Install Updates     Rebott (Frequi     Nall Browser Proc     Janore Running     Stop Orade Ser     Skip Clerks that     Advanced Option     Obleto Packages     Janore Clerk/rk     Instal Result Log Log	exes (Freques) bits Arcs (Freques) s = After transf After transf at terms Caffs. at terms Caffs.
Install Updates     Babox (// require     All Browser Proc     Tyrore Running     Stop Oracle Ser     Skip Clents that     Advanced Option     Oslete Package     Ignore Clent/ht     Install Result Log Lo     Install Result Log Lo	asses (Frequenc) Sola Asses (Frequenc) are already part of the ConnoCal component  Asher bond  Asher bond  Asher bond  Retextor Origin  Retextor Origin
Install Updates     Install Updates     Install Context     Information     Information     Stop Oracle Ser     Stop Cleade Ser     Information     Osteter Package     Install Result Log Lo     Install Result Log Lo     Install Result Log Lo     Install Result Ser     Optional Settinges	asses (Frequenc) Sola Asses (Frequenc) are already part of the ConnoCal component  Asher bond  Asher bond  Asher bond  Retextor Origin  Retextor Origin
Install Updates     Astrock (If require     Stall Drowser Proc     Star Oracle Ser     Star Oracle Ser     Astrocced Option     Oracleto Packages     Packeto Packages     Ignore Cleartyk     Install Regists (Log Lo     Ignore Cleartyk     State Result Log Lo     Ignore Cleartyk     State Result     State Result     State Result     State Result     State Result	exes (Frequenc) block exes (Frequenc) exes when by put of the Communit Component exercise format exercise form
Install Usedees     Alsock (1 equal     Uld Bower Pro     Default States)     Sock of the states     Default States (1 equal     Sock of the states)     Default	exes (Frequenc) block exes (Frequenc) exes when by put of the Communit Component exercise format exercise form
Instal Usedes     Automotive     Automotive     Automotive     Second Seco	exes (Frequenc) block exes (Frequenc) exes when by put of the Communit Component exercise format exercise form
V Initial Usides:     Attock (1 regula     Refueld (1 regula	ases (Freques) bits more (Freques) we sharp part the Commit Component we sharp part the Commit Component where horsel where horsel a field on Ody C Dectory
Instal Usedes     Automotive     Automotive     Automotive     Second Seco	ases (Freques) bits more (Freques) we sharp part the Commit Component we sharp part the Commit Component where horsel where horsel a field on Ody C Dectory
V Initial Usides:     Attock (1 regula     Refueld (1 regula	ases (Freques) bits more (Freques) we sharp part the Commit Component we sharp part the Commit Component where horsel where horsel a field on Ody C Dectory
V Initial Usides:     Attock (1 regula     Refueld (1 regula	ases (Freques) bits more (Freques) we sharp part the Commit Component we sharp part the Commit Component where horsel where horsel a field on Ody C Dectory
V Initial Usides:     Attock (1 regula     Refueld (1 regula	asas (f regard) bits man of regard) a whethy pet the Consol Component a whethy pet the Consol Component b whethy pet
V Initial Usides:     Attock (1 regula     Refueld (1 regula	asas (f regard) bits man of regard) a whethy pet the Consol Component a whethy pet the Consol Component b whethy pet
<ul> <li>Install Updets</li> <li>Install Updets</li> <li>Ablass of Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Advanced Option</li> <li>Optional Statistics</li> <li>Stap Amage</li> <li>Advanced Amage</li> <li>Ad</li></ul>	aaas (f regand) bids hos of regand) a who you the Consolid component a who you the Consolid component b who who you t
<ul> <li>Install Updets</li> <li>Install Updets</li> <li>Ablass of Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Stap Amage</li> <li>Advanced Option</li> <li>Optional Statistics</li> <li>Stap Amage</li> <li>Advanced Amage</li> <li>Ad</li></ul>	asas (f regard) bits man of regard) a whethy pet the Consol Component a whethy pet the Consol Component b whethy pet
Install updets     Install updet     Install	asses (f regard) bits ware of regard) a whethy part of the GomeSil components a whethe shall a these Confusions a finite of Confusions a finite
<ul> <li>Install Updets</li> <li>Alboxt of reagance</li> <li>Stop Oracle See</li> <li>S</li></ul>	asses (f regard) bits ware of regard) a whethy part of the GomeSil components a whethe shall a these Confusions a finite of Confusions a finite
Install updets     Install updet     Install	exes (Freques) bits these (Freques) a whethy part of the Consecution a whethy part of the Consecution a whether to file a free constant a free constant
<ul> <li>Install updets:</li> </ul>	asses (f regard) bits are alwady part (f lossing) are alwady part (f lo
<ul> <li>Install updets:</li> </ul>	exes (Freques) bits these (Freques) as wheth pert of the Consecution as wheth pert of the Consecution as wheth pert of the Consecution as these Confts as an and a security Recentary Recenta
<ul> <li>Install updets:</li> </ul>	exers (Frequenci) be: wers (Frequenci) a webshop int of the Consolid component a webshop int of the Consolid compon
<ul> <li>Install lookers</li> <li>Ins</li></ul>	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
<ul> <li>Install lookers</li> <li>Ins</li></ul>	exers (Frequenci) be: wers (Frequenci) a webshop int of the Consolid component a webshop int of the Consolid compon
<ul> <li>Install lookers</li> <li>Ins</li></ul>	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
<ul> <li>Install lookers</li> <li>Ins</li></ul>	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupide     Instal	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupide     Instal	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupide     Instal	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupide     Instal	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a
Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupides     Instal lupide     Instal	exec ( regard) bits here ( regard) a whethy first ( for component & a a whethy first ( for component & a a whether ( for component & a a here ( for component & a a

- **14.** You can track the progress of the job from the **Job Controller** or **Event Viewer** window.
- **15.** Once the job is complete, right-click the **CommServe** computer, click **View** and then click **Admin Job History**.

16. Select Install/Upgrade/Remove Software. Click OK.

2 OK Cancel Help

Installer			X					
Summarv								
	s and click Finish to run the job immedi	ately or click Save As S	icript to save the job options as a script.					
Client Install Option			<u>^</u>					
Select Type Of Installation								
	overy: Manually select compute iters with SRM agents already							
Reuse Active Directory cre	dentials: No							
Client Authentication for Job User Name: IDCLAB/administrator								
User Name: IDCLAB\admin Password: ****	ustrator							
Install Flags								
Install Updates: Yes								
Reboot (if required): No Kill Browser Processes (if )	required): No							
Ignore Running Jobs: No								
Stop Oracle Services (if re Skip clients that are alread	quireu): 190 ly part of the CommCell comp	onent: No						
Delete Packages After Ins Ignore Client/Host Name (								
Install Agents For Restore								
Client Composition								
Override Software Cache:		thing	~					
	< <u>B</u> ack Ne	d > 🔂 Save	e As Script Finish Cancel Help					
bb Controller × tib Controller Job ID Operation Client Co	Anne Tana Scholane - Scholane - Scholane	as 9,	4 b 8 9 G di dudaet 2ata Decres Proce Delecases					
Job ID Operation Client Co 20 Install Software	Agent Type Subclent Job Typer 1 Pho	ee Strage Me	daAgent Status Progress Errors DelayReason 3 Completed 100%					
wase Playing Runnin	2		<u>^</u>					
Event Never × 🎦 Admin Job History : Next Never sity Event ID Job ID Date	T Doman Conster F	vent Code Description	4 10 1					
ety Event ID 306 ID Date 228 20 08/31/2010 1 227 20 08/31/2010 1	1:45:15 DistributeSoftware apple 68 1:45:44 DistributeSoftware apple 68	92 Xob Completed 53 Al packages ve	3 Successfully ren auconofully installed on clerk [ murphy-hastish commond.com ] Without Server Asset1 (on the clerk [ murphy-hastish completed auconofully.					
226 00/31/2010 1 225 00/31/2010 1 224 00/31/2010 1	1:45:07 C/D apple 4:2	internation of t	(Whotal Server Agent) on the clent [murphe] completed successfully. (Windows File System DataAgent) on the clent [murphe] complete as logged on.					
			Check if you have enough dok spac					
ause 🏓 Flaying Enformation, Minor, Major	, Orbical, Maximum events shows: 200							
idol.testlab.commvault.c	om - CommCell Console							
File View Tools Windows								
2 🖪 🖪 🗞 🗉								
All Tasks	apple ×		4 Þ 🗉 4 Þ 🖬					
All Tasks +	Job History	0	• 19 h					
Control Panel Properties	Admin Job History	Client Computers	Security Storage Policies Resources					
1 The System	Log Files 3 Users Logged In		4 1 1					
Of Virtual Server     mustang	Schedules Fl Job ID Operation	Client Co.	무 급 리 Agent Type Subclient Job Type* 1 Phar 8					
Off File System     Off Virtual Server     Security	21 Data Aging	Clerk Co	N/A					
Storage Resources Policies	<	1	×					
Reports		unnin						
Content Director	Event Viewer ×	Admin Job History	× 4 b III					
	Severity Event ID Jo	b ID Date						
	232	21 08/31/2010	12:00:08 JobManager apple 19:					
CommCell Browser	231 228		11:52:42 EvMgrS apple 35: 11:46:15 DistributeSoftware apple 68: 14:46:44 DistributeSoftware apple 68:					
Agents	\$ 227		2					
8 object(s)	Pause Playing Info		xr, Critical, Maximum events shown: 200 apple   admin					
ponty								
Admin Job History Fi	lter		×					
O All	🔵 Data Aging		C Export Media					
<ul> <li>Auxiliary Copy</li> </ul>	<ul> <li>Inventory</li> </ul>		O Disaster Recovery Backup					
O Data Verification	Offline Conte	nt Indexing	C Erase Media					
Erase Backup/Archived E			O Drive Cleaning					
O Stamp Media	O Install/Remov		O Download/Copy Software					
Install/Upgrade/Remove     Information Managemen			SRM Reports/Actions     CommCell Import					
Media Refreshing	1 Recover Stor		Common anglet C					
Specify Time Range								
	-05:00) Eastern Time (US & C							
Start Time		End Time						
		Tue	08/31/2010					
12:0	7.PM	J	12:07 PM					
Job Status								
⊙ All	<ul> <li>Completed</li> </ul>	○ Failed	○ Killed					
Number of Jobs								

O Desired Number of Jobs

10 +

- 17. You can view the following details about the job by right-clicking the job:
  - Items that succeeded during the job
  - Items that failed during the job
  - Details of the job

- Events of the job
- Log files of the job

Job Type	Job ID	Status	Start Time	End Time	User N	Error C	Storag	Auton	Legal	Legal	
Install Software	20	S Complete	View Job Details	11.	, admin			NIA.	N/A	N/A	
			Resubmit Job								
			View Events								
			View Content In	dex 🔸							
			View Logs								
			Send Logs								

18.

Enable the following registry key to create job specific profiles:

- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.



# Install the Exchange Agents for Exchange Server 2003 on a Non-Exchange Server

< Previous Next >

Follow the steps given below to install the Exchange Agents on Non-Exchange Server 2003.

# WHERE TO INSTALL

The 32-bit Exchange Agents can be installed on a separate computer with connectivity to the Exchange Server. This method is referred to as an Non-Exchange Server installation and is useful if you want to offload the memory and processing resources required for backups and restores from the Exchange Server.

### INSTALLATION

The software can be installed using one of the following methods:

#### **METHOD 1: INTERACTIVE INSTALL**

Use this procedure to directly install the software from the installation package or a network drive.

#### METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

Use this procedure to remotely install the software on a client computer.

#### PREREQUISITES

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

- The mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- Using the Exchange System Manager snap-in, right-click the organization object and delegate control.
- Using the Wizard, assign the MailboxAdmin user Exchange Full Administrator privileges.
- Ensure that you assign full access to all mailboxes on the server. For details, see How do I Assign Full Access to All Mailboxes on a Server.

#### **METHOD 1: INTERACTIVE INSTALL**

- 1. Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server
- 2. Create the bAllowMultiInstances registry key.

#### NOTES:

3.

• If any 64-bit agent software is already installed on the Proxy Server, create bAllowMultiInstances registry key to install the Exchange *i*DataAgents on separate instance.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Redegt32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY\_LOCAL\_MACHINE\SOFTWARE\.
- 3. Right click the SOFTWARE and click New -> Key.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New -> DWORD value, name it as bAllowMultiInstances and by double clicking the bAllowMultiInstances key modify the Value data to 1.

To create the registry key, see the following steps:

- 1. Start the Registry Editor (Regedit.exe or Regedit32.exe)
- Locate the directory under which you want to create a key, e.g., HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node.
- 3. Right click the SOFTWARE and click New -> Key.
- 4. Name the key as GalaxyInstallerFlags.
- 5. Right click the GalaxyInstallerFlags and select New > DWORD value, name it as bAllow32BitInstallOn64Bit and by double clicking the bAllow32BitInstallOn64Bit key modify the Value data to 1.

4. Run Setup.exe from the Software Installation Package.

Create the bAllow32BitInstallOn64Bit registry key.

5. Select the required language.

# RELATED TOPICS

**Download Software Packages** Provides step-by-step procedure to download the latest packages for software install.

3 System Requirements Verify that the computer in which you wish to install the software satisfies the System Requirements.

Firewall

Provides comprehensive information on firewall.

Getting Started - Exchange Mailbox iDataAgent

	Click Next.	
		Select the language you will use during installation.
		Next> Cancel
6.	Select the Calypso 32-bit Software install options to install software.	
0.	NOTES	
	• This screen will only appear when the bAllow32BitInstallOn64Bit registry key has been created and enabled on this computer.	<i>≡</i> Software install options
		≔ 32-bit Software install options
		<b>⊖</b> Exit
7.	Select I accept the terms in the license agreement.	Installer 🛛
	Click Next.	License Agreement Please read the following License Agreement. Press the PAGE DOWN key to view the entire agreement.
		End User License and Limited Warranty Agreement
		(including Microsoft® SQL Server <sup>™</sup> 2008 Enterprise Edition, SQL Server <sup>™</sup> 2008 Express Edition and Windows Pre-Installation Environment) Full Hour Linux Assumed Assumement ↓ accept the terms in the locence agreement.
		C I do not accept the terms in the license agreement. Installer <back cancel<="" next="" th=""></back>
8.	If any agent software is already installed on the Proxy Server, select <b>Create a new</b> <b>instance</b> option to install the Exchange <i>i</i> DataAgents on separate instance.	Installer  Install Instance Selection Please specify the instance you want to use during
	NOTES	install
	<ul> <li>This screen will appear when the bAllowMultiInstances registry key has enabled on this computer.</li> </ul>	Instance Selection  Create a new instance (Not recommended)  Select an installed instance  Select an installed instance.  Client Name  Client Name  CommServe Name
		Installer Cancel
9.	To install the Exchange <i>i</i> DataAgents expand Client Modules   Exchange, and	

- select one or more of the following:
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

To install the Exchange Archiver Agents, expand Client Modules | Archive Management, and select one or more of the following:

- Exchange Compliance Archiver
- Exchange Mailbox Archiver Agent
- Exchange Public Folder Archiver Agent

Click Next.

	Installer Select Platforms Select the platforms you want to configure.
	Common Technology Engine     Common Technology Engine     CommServe Modules     CommServe Modules     CommCel Console     CommCel Console     Comtext Industry     Context
If this computer and the CommServe is separated by a firewall, select the <b>Configure</b> firewall services option and then click <b>Next</b> .	Installer X
For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.	Configure fixewall services
If firewall configuration is not required, click <b>Next</b> .	If there is a firewall between this machine and the CommServe, configure firewall services below.
	Please specify how Windows Freewall is imming network traffic. Whether it is possible to open connection from here to a CommServe's turnel pot, whether all connections toward CommServe are blocked, and setup should instead expect CommServe to connect back to this machine, or whether there is a Proxy in between. C This machine can open connection to CommServe on turnel pot C CommServe can open connection toward this machine C CommServe is reachable only through a proxy Installer Next> Cancel
Enter the fully qualified domain name of the <b>CommServe Host Name</b> .	Installer 🔀
Click Next.	CommServe Name Specity the CommServe computer name and host name
Do not use space and the following characters when specifying a new name for the CommServe Host Name: \ `~!@#\$%^&*()+=<>/?,[]{}:;'"	CommServe Client Name CommServe Host Name EcommServe Host Name I[Enter a valid, full/squalified, IP host name; for example: mycomputer.mycompany.com mycomputer.mycompany.com
	Installer Cancel
Click Next.	Installer Communication Interface Name Setup will configure the communication paths.
	Select a client name    Select an interface name that this computer will use to communicate with the CommServe    audi.mycompany.com   IP Address(es) for the selected host.
	Installer

For firewall options and configuration instructions, see Firewall continue with the installation. If firewall configuration is not required, click Next.

11. Enter the fully qualified domain name of the CommServe Host Click Next.

12. Click Next.

10.

Select Add programs to the Windows Firewall Exclusion Li 13. programs and services to the Windows Firewall Exclusion List.

Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

14.

15.

16.

	Installer		
	Windows Firewall Exclusion List Allow programs to communicate through Windows		
	Firewall T		
	Windows Firewall is ON		
	Add programs to the Windows Firewall Exclusion List		
	If you plan on using Windows Firewall, it is recommended to add the software programs to the exclusion list.		
	Installer		
	< Back Next > Cancel		
Verify the default location for software installation.	Installer		
Click <b>Browse</b> to change the default location.	Destination Folder Select the destination folder to install the program files.		
Click Next.	Sereck the destination tollier to install the program hies.		
• Do not install the software to a mapped network drive.	Cital Martin and the defenditor of Fel Derive to the second deriver		
<ul> <li>Do not use the following characters when specifying the destination</li> </ul>	Click Next to accept the default location, or click Browse to choose an alternate location.		
path:	C:\Program Files\ Browse		
/:*?"<> #			
It is recommended that you use alphanumeric characters only.	Drive List         Space Required / Recommended           C:         928 MB         1394 MB / 1670 MB		
	Installer < Back Cancel		
Select a Client Group from the list.	Installer		
Select a Client Group from the list. Click <b>Next</b> .	Installer Client Group Selection		
Click Next.			
	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client.		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy. Activity Control, Security and Reports. Client group: None Selected client_group		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Active Control, Secutty and Reports. Client group: None Selected		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have they are associations at various levels like Schedule Policy. Activity Control, Security and Reports. Client group: None Selected client_group Installer < Back Next> Cancel		
Click Next. This screen will be displayed if Client Groups are configured in the	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected client_group Installer <a href="https://www.clienter.com">https://www.clienter.com</a> Client group: None Selected client_group Client group: Client gro		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have is anne associations at various levels like Schedule Policy. Activity Control, Security and Reports. Client group: None Selected client_group Installer (Back Next> Cancel		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy. Activity Control. Security and Reports. Client group: None Selected client_group Installer Mathematic Updates Choose when you want to schedule an install of the downloaded updates.		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.  Client group: None Selected Client_group Installer  Installer  Schedule Install of Automatic Updates  Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the is an essociations at various levels like Schedule Policy. Activity Control. Security and Reports. Client group: Installer  Installer  Installer  Installer  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the is an essociations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected Client_group Installer  Installer  Eschedule Install of Automatic Updates Doose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choce Client Conce Client C		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected Client_group Installer  Installer  Installer  Schedule Install of Automatic Updates Doose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choce Client Conce Client Cli		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports. Client group: None Selected client_group Installer  Installer  Installer  Installer  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.  Schedule Install of Automatic Updates Choose when you want to schedule an install of the downloaded updates.		
Click <b>Next</b> . This screen will be displayed if Client Groups are configured in the CommCell Console.	Client Group Selection Select a client group for the client. The Client Group is a logical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.  Client group: None Selected Client_group Installer  Eschedule Install of Automatic Updates Doose when you want to schedule an install of the downloaded update.  Schedule Install of Automatic Updates Choce Client Conce Client		

#### 17. Select a Storage Policy.

#### Click Next.

### NOTES

• A storage policy directs backup data to a media library. Each library has a default storage policy.

X

If you do not have Storage Policy created, this message will be displayed. Click  ${\bf OK}.$ 

You can create the Storage Policy later in step 23.

18. Select Exchange Server Name and Exchange Server Version from drop-down list. Click Next.

19. Click Next.

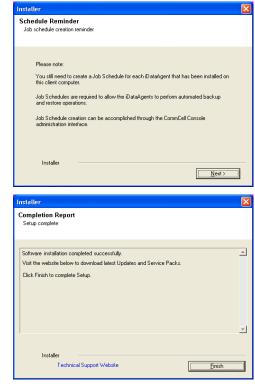
- 20. Enter the following Exchange Administrator information then click Next.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - **Profile Name** Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - Exchange Server Name Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.

For Exchange Server 2010, enter the Client Access Role. After installation configure the roles as described in Configure Mailboxes in Database Availability Group (DAG) Servers.

- Domain The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.
- 21. Click Next.

Installer			
Storage Policy Selection	·····		
Select a storage policy for the default s backed up.	ubclient to be		
Configure for Laptop or Desktop Backup			
Select a storage policy from the	pull-down list.		
Unassigned			
Jonassyneu	<u> </u>		
Installer	< Back Next > Cancel		
Instatler Storage Policy Selection			
Storage Policy Selection Select a storage policy for the default s backed up.	ubclient to be		
Configure for Laptop or Desktop			
Installer	< Back Next > Cancel		
Installer	×		
Exchange Server Name			
Please provide Exchange server name			
Exchange Server Exchange S	ierver Name:		
Exchange_			
Exchange S	erver Version		
Exchange 2	007		
Installer	< Back Next > Cancel		
Installer			
Summary Summary of install selections			
our many or match science or a			
Setup has enough information to sta install settings, click Next to begin c	art copying the program files. If you are satisfied with the opying files.		
	<u>^</u>		
Destination Path = C:\Program Files CommServe Host = mycomputer.my Interface Name = audi.mycompany	company.com		
Client = audi Job Results Path = C:\Program File:	sViobResults		
Global Filters = Use Cell level policy	<u>∞</u>		
Installer			
	<back next=""> Cancel</back>		
Installor			
Installer Exchange Administrator Accou	nt		
Information Mailbox and Profile information			
	mation required below A service (In 1971)		
Please enter the Exchange account info the information supplied.	ormation required below. A new profile will be created with		
Account Name:	Profile Name:		
Account Password:			
	Exchange Server Name:		
Account Password.	Exchange Server Name:		
Mailbox Name for this Account:	Exchange Server Name:		
Mailbox Name for this Account:			

22. Click Finish.



If you already have a storage policy selected in step 17, Click Next > button available at the bottom of the page to proceed to the **Configuration** section.

If you do not have Storage Policy created, continue with the following step.

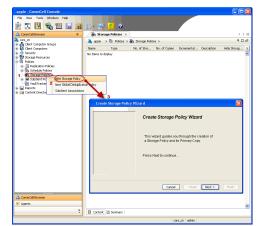
- 23. Create a Storage Policy:
  - 1. From the CommCell Browser, navigate to Policies.
  - 2. Right-click the **Storage Policies** and then click **New Storage Policy**.
  - 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
    - Select the Storage Policy type as Data Protection and Archiving and click Next.
    - $\circ~$  Enter the name in the Storage Policy Name box and click Next.
    - From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click **Next**.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- From the **MediaAgent** list, click the name of a MediaAgent that will be used to create the primary copy and then click **Next**.
- $\circ\;$  For the device streams and the retention criteria information, click Next to accept default values.
- $\circ~$  Select Yes to enable deduplication for the primary copy.
- From the **MediaAgent** list, click the name of the MediaAgent that will be used to store the Deduplication store.

Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click **Next**.

- Review the details and click **Finish** to create the Storage Policy.
- 24.
- Enable the following registry key to create job specific profiles:
- From the CommCell Browser, navigate to Client Computers.
- Right-click the <Client> in which you want to add the registry key, and then click Properties.
- Click the Registry Key Settings tab.
- Click Add.
- Enter CreateProcessSpecificProfile in the Name field.
- Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).



Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

# METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

1. From the CommCell Browser, select **Tools**, point to **Add/Remove Software**, and then click **Install Software**.

2. Click Next.

3. Select Windows. Click Next.

4. Select Manually Select Computers. Click Next.

murphy - CommCell Console		
File View Tools "		
Browse & Recover		
CommCel Job Controller	🍇 murphy 🗙 💽 Job Controller 🗙	4 ▷ Ξ
Comm	murphy >	4 C J
Commit Scheduler	A 8 🔍	•
🗄 🖽 📆 mul 🚬 👘 👘 👘	ommNet Client Client Computer Computers	Security
Control Panel	Groups	
Realizing and the second secon		
Report     Data Replication Monitor     Data Classification Concole	89 10 16	<b>2</b>
Add/Remove Software	Install Updates	ontent
	Remove Updates 3	irector
	Install Software	
	Upgrade Software	
	Download Software	
	Copy Software Add/Remove Software Configuration	
🔔 CommCell Browser	Addikemove sortware configuration	
Agents		
*		
	Laurates Lates I	
	murphy admin	
Leadelles		
Installer		
install Wizard		
matur mituro		
	ps required to install software on compute	ers.
Click Next to continue.		
< Bod.	ve As Script Frish Carcel	Helo
< Box	ve & Script Finish <b>Cancel</b>	Help
	ve As Script Frish Cancel	Help
(Box (Next)) so	ive As Script Finish Cancel	Heb
Installer		Help
Installer		Help X
Installer Select the computer's operating sy O Windows		Help X
Installer Select the computer's operating sy		Heb X
Installer Select the computer's operating sy O Windows		Heb X
Installer Select the computer's operating sy O Windows		Eise K
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		Beb K
Installer Select the computer's operating sy O Windows		280 X
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		Heb X
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy O Windows		Eq0
Installer Select the computer's operating sy O Windows		
Installer Select the computer's operating sy		

5. Enter the fully qualified domain name of the computer on which you have Exchange Server.

For example: win08ex07.idclab.loc Click Next.

6. Click Next.

 Specify User Name and Password that must be used to access the computer. Click Next.

Installer
Select how to discover the computers for installing the software
Manually select computers
Software will be installed only on the selected list of computers.
<ul> <li>Automatically discover computers</li> <li>Computers will be discovered when the job runs.</li> </ul>
< Back Next > Save As Script Finish Cancel Help
Installer
Enter the host names of the computers
Please enter the host names of the computers, one per line wer/Decid7.iddab.loc Import from File
Import From Active Directory
Select from existing clients
Keack Next > Sove Ar Script Princh Cencel Help
Installer
Installer
Select Software Cache
Select Software Cache To use carrent Cliest er Cliest Grup Software Cache settings, disk liest. To overside Software Cache settings check Overside Software Cache and selest the Software Cache to be used.
Select Software Cache
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache To use ument Client or Client Group Software Cache settings, click Itent. To override Software Cache settings check. Countie Software Cache and select the Software Cache to be used.
Select Software Cache         To use current Client or Client Group Software Cache setting; diek level. To override Software Cache settings diek.         Override Software Cache         Software Cache <t< td=""></t<>
Select Software Cache         To use current Client or Client Group Software Cache settings, did, hexit. To override Software Cache settings died.         Override Software Cache         Software Cache:         Instance Cache:         murphy.dxmon.company.com
Select Software Cache         To use current Client or Client Group Software Cache setting; diek level. To override Software Cache settings diek.         Override Software Cache         Software Cache <t< th=""></t<>
Select Software Cache         To use current Cache or Cache Grage Software Cache settings, did. Hext. To override Software Cache settings died.         Override Software Cache
Select Software Cache         To use current Client or Client Group Software Cache setting; diek hent. To override Software Cache setting: diek bestellt.         Override Software Cache         Software Cache         Software Cache         Verride Software Cache         Software Cache         Software Cache         Verride
Select Software Cache         To use current Clear or Clear drace Software Cache settings, did. Hent. To override Software Cache settings ded.         Override Software Cache
Select Software Cache To use current Client or Client Group Software Cache setting, diek text. To override Software Cache setting: diek text. To override Software Cache setting: diek text. Coverride Software Cache So
Select Software Cache         To use current Clear or Clear drace Software Cache settings, did. Hent. To override Software Cache settings ded.         Override Software Cache
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died. Covernde Software Cache  Software Cache Software Cachee Software
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Name: Example:clonnain/username Password: Example:clonnain/username
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Name: Example:clonnain/username Password: Example:clonnain/username
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings User Name: Example: domain/username Password:
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings User Name: Example: domain/username Password:
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings User Name: Example: domain/username Password:
Select Software Cache To use current Clent or Clent Group Software Cache settings, did. Host. To override Software Cache settings died.  Override Software Cache Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings, did. Host. To override Software Cache settings died.  Software Cache User Software Cache User Software Cache settings User Name: Example: domain/username Password:

- 8. To install the Exchange iDataAgents expand Client Modules | Backup & Recovery | Exchange, and select one or more of the following:
  - Exchange Database iDataAgent
  - Exchange Mailbox iDataAgent
  - Exchange Public Folder iDataAgent

Click Next.

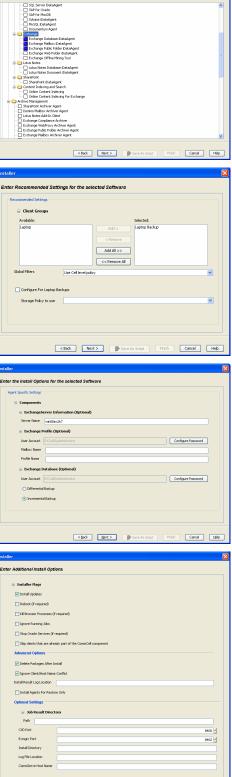
For Non-Exchange Server, Exchange Database iDataAgent will not be applicable.

- 9.
  - Select Client Group from Available and click Add.
    - Select a Storage Policy from the drop-down list. Click Next.
    - NOTES:
    - Select the Configure for Laptop or Desktop Backup option to install Backup Monitor utility. This utility allows you to view the backup job summary from the client computer without opening the CommCell Console. See Monitor - Laptop User for more information.
- 10. Type the Agent Specific Settings information. Click Next.

11. Click Next.

#### 12. Select Immediate. Click Next.

 ExchangeServer Inform Exchange Profile (Optional) User Account Maibox Name Profile Name Exchange Database (Optional) User Account O Differential Backup Incremental Backup Enter Additional Install Options 😑 Installer Flags 🔽 Install Updates Reboot (Frequired) Kill Browser Pr Ignore Running Jobs Stop Oracle Services (if required)



< Book Book Save As Script Finish Concel Help

age(s) to instal

13. Click Finish.

- 14. You can track the progress of the job from the **Job Controller** or **Event Viewer** window.
- 15. Once the job is complete, right-click the **CommServe** computer, click **View** and then click **Admin Job History**.

	Job Initiation	
	( Immediate	
	Run this job now	
	⊂ Schedule	
	Configure Schedule Pattern Configure	
	<back (next="">) Save As Script Finish</back>	Cancel
1		
	Installer	
	Summary	
	Please verify all the selected options and dick Finish to run the job immediately or dick Save As Script to save the job o	options as a s
	Client Install Option	
	Select Type Of Installation: Windows	
	Select Type Of Client Discovery: Manually select computers Exclude discovery of computers with SRM agents already installed: Yes	
	Reuse Active Directory credentials: No	
	Client Authentication for Job	
	User Name: IDCLAB/administrator	
	Password: ****	
	Install Flags	
	Install Updates: Yes Reboot (if required): No	
	Kill Browser Processes (if required): No	
	Ignore Running Jobs: No Stop Oracle Services (if required): No	
	Skip clients that are already part of the CommCell component: No	
	Delete Packages After Install: No	
	Ignore Client/Host Name Conflict: Yes Install Agents For Restore Only: No	
	Client Composition	
	Override Software Cache: No	
	Calast Tona Of Installation: Come and man in consta making	
	L'Alast Time Of Installations - Comessients is sensie making	
	< Back. (gest > ) ● Save As Scopt fr	nish
	Zeck Bank 2     Den Ki Sopk     Fr     Secondar     Secondar     Secondar     Secondar	
	C Sak Caloridar -	
2 X	Zeck Bank 2     Den Ki Sopk     Fr     Secondar     Secondar     Secondar     Secondar	
<u>к</u> к.	Zeck Bank 2     Den Ki Sopk     Fr     Secondar     Secondar     Secondar     Secondar	
С » П.,	C Bock Bank 2 Store Ad Soft Pro-	
II P	C Bork Bard 2 Store Ar Sock Pro-	TOPS
K A	C Bork Bard 2 Store Ar Sock Pro-	TOPS
I D OVD	C Bock Bank 2 Store Ad Soft Pro-	TOPS
II Pi	C Bork Bard 2 Store Ar Sock Pro-	TOPS
	C Bork Bard 2 Store Ar Sock Pro-	TOPS

X

**v** 

Please Select When To Run The Job



16. Select Install/Upgrade/Remove Software. Click OK.

Admin Job History Filter		N 1997
⊂ Job Type		
O Al	🔿 Data Aging	Export Media
Auxiliary Copy	<ul> <li>Inventory</li> </ul>	O Disaster Recovery Backup
O Data Verification	O Offline Content Indexing	C Erase Media
C Erase Backup/Archived Data	O Drive Validation	O Drive Cleaning
Stamp Media	Install/Remove Updates	O Download/Copy Software
Install/Upgrade/Remove Soft		SRM Reports/Actions
O Information Management	O CommCell Export	O CommCell Import
Media Refreshing	1 Recover Store	O comment input
	•	
Specify Time Range		
	0) Eastern Time (US & Canada)	
Start Time	End Time	
Mon 08/30/2010		08/31/2010
12 : 07 PM		12:07 PM
Job Status	Completed O Failed	() Killed
	Completed Palled	() Killed
Number of Jobs		
<ul> <li>View All Jobs</li> </ul>		
Desired Number of Jobs		
O Desired Number of Jobs	10 1	
Include Aged Data		
	2 ,	
	(	OK Cancel Help
🦓 Admin Job History 🗙 🚴 apple 🗄	<	4 b 0
Job Type Job ID Status		우 🗆 라 Error C Storag Autom Legal Legal 3
Install Software 🛛 20 🥪 Complete	View Job Details	ца ца ца
	Resubmit Job	
	View Events View Content Index	
	View Logs	
	Send Logs	×
Total records count : 9		

- 17. You can view the following details about the job by right-clicking the job:
  - Items that succeeded during the job
  - Items that failed during the job
  - Details of the job
  - Events of the job
  - Log files of the job
- **18.** Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click Properties.
  - Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

Enter MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

Previous Next >

# Install the Exchange Agents on Exchange Server 2003 -Clustered Environment

< Previous Next >

Follow the steps given below to install the Exchange Agents in clustered environment on the following:

- Exchange Server 2003
- Non-Exchange Server

## WHERE TO INSTALL

The following procedure describes the steps involved in installing the Exchange Agents for Exchange Server 2003 on the following:

- Direct install on a Exchange Server or
- On an Non-Exchange Server computer. This may be used for the following circumstances:
   In the configuration where a single non-Exchange client is used to backup multiple Exchange Servers.
  - To off-load the backup of Exchange Server, so that the performance of the Exchange Server will not be effected.

# **RELATED TOPICS**

- **Download Software Packages** Provides step-by-step procedure to download the latest packages for software install.
- **System Requirements** Verify that the computer in which you wish to install the software satisfies the System Requirements.
- Firewall Provides comprehensive information on firewall.

#### PREREQUISITES

The below mentioned prerequisites are for Mailbox Agents only. Ensure that you have the following:

- The mail-enabled user is a member of the Local Administrator Group and have rights to all mailboxes on the server.
- Using the Exchange System Manager snap-in, right-click the organization object and delegate control.
- Using the Wizard, assign the MailboxAdmin user Exchange Full Administrator privileges.
- Ensure that you assign full access to all mailboxes on the server. For details, see How do I Assign Full Access to All Mailboxes on a Server.

## **INSTALL PROCEDURE**

- 1. Log on to the computer using an account with the following privileges:
  - Administrator of the local computer
  - Administrator of the Exchange Server
- 2. Run Setup.exe from the Software Installation Package.
- 3. Select the required language.

Click Next.

Select the language you will use during installation.	
<u>Next</u> >	<u>Cancel</u>
- Install Cofficient and the constraints	
Install Software on this computer     Advanced options	
View documentation website	
View Install Quick Start Guide (Requires Adobe Acrobat Reader)	
Install Adobe Acrobat Reader	
	🗢 Exit

4. Select the option to install software on this computer.

The options that appear on this screen depend on the computer in which the software is being installed.

5. Select I accept the terms in the license agreement.

Getting Started - Exchange Mailbox iDataAgent

	Click Next	Installer
	Click Next.	License Agreement Please read the following License Agreement. Press the PAGE DDWN key to view the entire agreement.
		End User License and Limited Warranty Agreement     Software Release 9.0.0 (including Microsoft@SQL Server <sup>TM</sup> 2008 Enterprise Edition, SQL Server <sup>TM</sup> 2008 Express Edition and Windows Pre-Installation Environment)     End Have Leaver A servered     Concept the terms in the license agreement.     Installer
6.	Select Configure a Virtual Server.	
0.	Click Next.	Installer  Cluster Type Selection Configure the Physical Node or a Virtual Server
		Configuration Options ← Configure the Envical node ← Configure a Vitual server < <u>Back</u> <u>Vext&gt;</u> Cancel
7.	Select the disk group in which the virtual server resides.	Installer
	Click Next.	Virtual Server Selection Select the virtual server you would like to configure
		Choose from the following list of disk groups configured on this cluster. 2008ClusterVMS
		< Back Next > Cancel
8.	To install the Exchange <i>i</i> DataAgents expand <b>Client Modules   Exchange</b> , and select one or more of the following:	Installer Select Platforms Select the platforms you want to configure.
	Exchange Database iDataAgent	weeks are publicative your train to contingents.
	Exchange Mailbox iDataAgent	Move the pointer over a
	Exchange Public Folder iDataAgent	Common Technology Engine     Deform name to see a     description of the platform and     reasons why it may be
	To install the Exchange Archiver Agents, expand <b>Client Modules   Archive</b> <b>Management</b> , and select one or more of the following:	
	Exchange Compliance Archiver	
	Exchange Mailbox Archiver Agent	
	Exchange Public Folder Archiver Agent	C Supporting Modules
	Click Next.	Can Tools     Construction     Special Registry Keys In Use

Install Agents for Restore Only

< Back

For Non-Exchange Server, Exchange Database iDataAgent will not be applicable.

9. If this computer and the CommServe is separated by a firewall, select the **Configure** firewall services option and then click **Next**.

For firewall options and configuration instructions, see Firewall Configuration and continue with the installation.

If firewall configuration is not required, click  $\ensuremath{\textbf{Next}}.$ 

Cancel

10. Enter the fully qualified domain name of the **CommServe Host Name**.

#### Click Next.

Do not use space and the following characters when specifying a new name for the CommServe Host Name:

\|`~!@#\$%^&\*()+=<>/?,[]{}:;'"

11. Click Next.

**12.** Select **Add programs to the Windows Firewall Exclusion List**, to add CommCell programs and services to the Windows Firewall Exclusion List.

#### Click Next.

This option enables CommCell operations across Windows firewall by adding CommCell programs and services to Windows firewall exclusion list.

It is recommended to select this option even if Windows firewall is disabled. This will allow the CommCell programs and services to function if the Windows firewall is enabled at a later time.

CommServe are blocked, and setup should instead expect CommServe to connect back to this machine, or whether there is a Proxy in between.			
	n open connection to CommServe on tunnel port		
	open connection toward this machine		
Installer			
	Next > Cancel		
nstaller	X		
CommServe Name	e		
	ve computer name and host		
CommServe	Client Name		
CommServe	Host Name		
(Enter a valid	id, fully-qualified, IP host name; for example: .mycompany.com)		
mycomputer	er.mycompany.com		
Installer			
matalier	< Back Next > Cancel		
nstaller	× 4 × 1		
Communication In Setup will configure th	nterface Name ne communication paths.		
	Select a client name		
	audi cn		
	Select an interface name that this computer will use to communicate with the CommServe		
	communicate with the CommServe		
	audi.mycompany.com		
	IP Address(es) for the selected host.		
Installer			
	< Back Next > Cancel		
	· · · · · · · · · · · · · · · · · · ·		
nstaller	En hete the		
Windows Firewall Allow programs to com Firewall	Exclusion List mmunicate through Windows		
Windows Firewall	lis ON		
Add programs	s to the Windows Firewall Exclusion List		
If you plan on usir exclusion list.	ng Windows Firewall, it is recommended to add the software programs to the		

< Back

Next >

If there is a firewall between this machine and the CommServe, configure firewall services below

Installer Firewall Configuration Configure firewall services

Configure firewall services

Installer

**13.** Verify the default location for software installation.

Click **Browse** to change the default location.

Click Next.

- Do not install the software to a mapped network drive.
- Do not use the following characters when specifying the destination path:

/:\*?"<>|#

Cance

		Installer	
	It is recommended that you use alphanumeric characters only.	Destination Folder Select the destination folder to install the pro	gram files.
14.	Select a Client Group from the list.	Installer	
	Click Next.	Client Group Selection	
	This screen will be displayed if Client Groups are configured in the CommCell Console.	Select a client group for the client. The Client Group is a logical which have the same assoc Schedule Policy, Activity Co Client group: None Selected client, group	grouping of client machines lation: at various levels like ntrol, Security and Reports.
		Installer	
		1113/Gillet	< Back Next >
16.	Select a <b>Storage Policy</b> .	Installer Schedule Install of Automatic Upd Choose when you want to schedule an inst downloaded updates.  Schedule Install of Automatic Updat  Schedule Install of Automatic Updat  Once  Weekly  Time:  K  K  K  K  K  K  K  K  K  K  K  K  K	s 08.31.12 PM ** onday C Tuesday ednesday C Thursday day C Saturday
10.		Storage Policy Selection	
	Click <b>Next</b> .	Select a storage policy for the default subc backed up. Configure for Laptop or Desktop Bac Select a storage policy from the pull Select a storage policy from the pull Unassigned	kup
	If you do not have Storage Policy created, this message will be displayed.	Installer Storage Policy Selection	
	Click <b>OK</b> .	Select a storage policy for the default subc backed up.	
	You can create the Storage Policy later in step 32.	Configure for Laptop or Desktop Ba	:kup

• If you are installing the Exchange Database iDataAgent on the Exchange Server, click Configure Exchange Database Specific Information.

Installe

X

ate location.

Cancel

Cancel

Cancel

Cancel

< Baok Next > Cancel

X

X

• If you are installing the Exchange Agents on the Non-Exchange Server, skip to Configure Exchange Agents Specific Information.

#### CONFIGURE EXCHANGE DATABASE SPECIFIC INFORMATION

- 17. Select the backup type for Exchange Database backups. Choose either of the following options, then click **Next**.
  - Differential Specifies that each non-full Exchange Database backup secures all data that has changed since the last full backup. Transaction lobs are not purged.
  - **Incremental** Specifies that each non-full Exchange Database backup secures only that data that has changed since the last backup of any type. Committed transaction logs are purged.

Installer	
Exchange Backup Option	
Please select a default backup	
C Differential	Backs up changes in the Information Store and Directory Service since the last
	Store and Directory Service since the last Full backup. Does not purge the transaction logs.
	anacas nego.
Incremental	Backs up changes in the Information Store and Directory Service since the last
	Full backup or Incremental backup. The committed transaction logs are then
	purged.
Installer	
	< Back Next > Cancel
	×
Enter Administrator acco	
Enter Administrator account info	rmation
Account N	lame:
Account F	Password:
Domain:	
EXCH	
	Next >
Installer	
Summary	
Summary of install selections	
Setup has enough informati	on to start copying the program files. If you are satisfied with the
install settings, click Next to	begin copying files.
	<u>^</u>
Destination Path = C:\Progr	am Files\
Destination Path = C:\Progr CommServe Host = mycomp Interface Name = audi.myc	outer.mycompany.com ompany.com
Client = audi Job Results Path = C:\Prog	
Global Filters = Use Cell lev	
<	
Installer	
	< Back Next > Cancel
Installer	
Please verify that Gro backup operations.	cular Logging is disabled before performing any database
	OK

- **18.** Enter the user credentials to access the Exchange Server to perform the backup operation.
  - The User Account must have Exchange Administrator privileges.
  - The installation detects the domain name. If necessary, you can modify the domain name by specifying Windows domain that the Exchange Server resides in.

19. Click Next.

- **20.** The install program displays a reminder to verify that Circular Logging is disabled before performing any database backup operations. To verify that Circular Logging is disabled:
  - From Exchange System Manager, navigate to and expand the server that the Database *i*DataAgent is being installed on.
  - Verify that the Circular Logging check box has not been selected for each Storage Group. If Circular Logging has been enabled for a Storage Group, disable it at this time.

Click OK.

- If you are installing the Exchange Agents, then click Configure Exchange Agents Specific Information.
- If you are installing the Exchange Database iDataAgent, skip to Install Remaining Cluster Nodes.

#### CONFIGURE EXCHANGE AGENTS SPECIFIC INFORMATION

21. Select Exchange Server Name and Exchange Server Version from drop-down list.

Click Next.

This screen will appear when you are installing Exchange Agents on Non-Exchange Server.

22. Click Next.

- 23. Enter the following Exchange Administrator information then click **Next**.
  - Account Name Domain user account created with the exchange server administrator permissions. Do not include the domain name here.
  - Account Password The password assigned to the domain user.
  - Mailbox Name for this Account Mailbox associated with the user above.
  - **Profile Name** Specify profile name to be created during agent install. This profile is associated with the domain user's mailbox.
  - Exchange Server Name Name of the Exchange Server that the agent will communicate with for data protection and recovery operations.

For Exchange Server 2010, enter the Client Access Role. After installation configure the roles as described in Configure Mailboxes in Database Availability Group (DAG) Servers.

 Domain - The installation detects and enters a domain name. If necessary, modify the domain name by specifying Windows domain that the Exchange Server resides in.

#### INSTALL REMAINING CLUSTER NODES

24. To install the software on the remaining nodes of the cluster, click **Yes**.

To complete the install for this node only, click No.

25. Select cluster nodes from the **Preferred Nodes** list and click the arrow button to move them to the **Selected Nodes** list.

Once you complete your selections, click Next.

- The list of **Preferred Nodes** displays all the nodes found in the cluster; from this list you should only select cluster nodes configured to host this cluster group server.
- Do not select nodes that already have multiple instances installed.

Installer	X
Exchange Server Name Please provide Exchange server name	
- Exchange Server Exchange S [Exchange S Exchange S [Exchange 2	erver erver Version
Installer	< <u>Back Next&gt;</u>
<u> </u>	
Installer Summary Summary of install selections	×.
Setup has enough information to sta install settings, click Next to begin or Destination Path = C:\Program Files CommServe Host = mycompter, my Interface Neme = audi mycomptery Usb Result: Path = C:\Program Files Global Filters = Use Cell level policy Installer	Company.com
In sector Units	
Installer Exchange Administrator Accour Information Mailbox and Profile information	nt 🦰
the information supplied. Account Name: Account Password:	simation required below. A new profile will be created with Profile Name: Exchange Server Name:
Mailbox Name for this Account:	
	<back next=""> Cancel</back>





Click Next.

27. The progress of the remote install for the cluster nodes is displayed; the install can be interrupted if necessary.

Click **Stop** to prevent installation to any nodes after the current ones complete.

Click Advanced Settings to specify any of the following:

- Maximum number of nodes on which Setup can run simultaneously.
- Time allocated for Setup to begin executing on each node, after which the install attempt will fail.
- Time allocated for Setup to complete on each node, after which the install attempt will fail.

If, during the remote install of a cluster node, setup fails to complete or is interrupted, you must perform a local install on that node. When you do, the install begins from where it left off, or from the beginning if necessary. For procedures, see Manually Installing the Software on a Passive Node.

28. Read the summary for remote installation to verify that all selected nodes were installed successfully.

#### Click Next.

- If any node installation fails, you must manually install the software on that node once the current installation is complete. See Manually Installing the Software on a Passive Node for step-by-step instructions.
- The message displayed on your screen will reflect the status of the selected nodes, and may look different from the example.

Installer Cluster No	da Salaction	
	de Selection er nodes to configure	
Preferred No. Vmcluster2		Selected Nodes     Configured Nodes     VMCLUSTERT     VMCLUSTERT
		<u>N</u> ext > Cancel
Installer		
	dministrator acc	ount information
	vide domain administra	
- Dom:	ain Account Informatio	
	r Name ( <domain\u B\Administrator</domain\u 	JE17).
· · ·		
Acc	ount Password:	
		< Back Next > Cancel
You can st progress w	op remote install at any ill continue installation,	v time. Installed clients will not be uninstalled. Clients in but their results will not show correctly.
You can st progress w Client Na real2	ill continue installation,	but their results will not show correctly.
progress w	ill continue installation,	but their results will not show correctly.
Client Na real2	ill continue installation, me Client Status	but their results will not show correctly.  Start Time End Time Result Description
Client Na real2	ill continue installation, me   Client Status uccessfully: 0	but their results will not show correctly.
Client Na real2	ill continue installation, me Client Status uccessfully: 0 stall: 0	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt 1
Client Na real2	ill continue installation, me Client Status uccessfully: 0 stall: 0	but their results will not show correctly.   Start Time End Time Result Description  Left to instalt 1 In progress: 0 Max 1
Client Na real2	Il continue installation, me Client Status uccessfully: 0 natali: 0 me: 0 sec	but their results will not show correctly.  Start Time End Time Result Description Left to install In progress Estimated time left. 10 min 0 sec
Client Na real2	il continue installation, me Client Status uccessfully; 0 nstalt: 0 me: 0 sec	but their results will not show correctly.   Start Time End Time Result Description  Left to instalt 1 In progress: 0 Max 1
Client Na real2	Il continue installation, me Client Status uccessfully: 0 natali: 0 me: 0 sec	but their results will not show correctly.  Start Time End Time Result Description Left to install In progress Estimated time left. 10 min 0 sec
Client Na real2	Il continue installation, me Client Status uccessfully: 0 natali: 0 me: 0 sec	but their results will not show correctly.  Start Time End Time Result Description Left to install In progress Estimated time left. 10 min 0 sec
Installer Nu	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of smultaneous	but their results will not show correctly.   Start Time End Time Result Description  Left to instalt In progress: 0 Max 1 → Estimated time left 10 min 0 sec  remote machines to run Setup: 10 → machines
Installer Installer Nu Installer Nu Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of simultaneous te to wait for Setup to	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt 1 In progress: 0 Max 1
Installer Installer Nu Installer Nu Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of simultaneous te to wait for Setup to	but their results will not show correctly.   Start Time End Time Result Description  Left to instalt In progress: 0 Max 1 → Estimated time left 10 min 0 sec  remote machines to run Setup: 10 → machines
Installer Installer Nu Installer Nu Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of simultaneous te to wait for Setup to	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt 1 In progress: 0 Max 1
Installer Installer Nu Installer Nu Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of simultaneous te to wait for Setup to	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer Installer Nu Installer Nu Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings mber of simultaneous te to wait for Setup to	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer Results	II continue installation, me Client Status uccessfully: 0 stall: 0 stall: 0 alier	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 stall: 0 alier	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer Installer Installer Results Remote int	Il continue installation, me Client Status uccessfully: 0 nstall: 0 ed Settings et o wait for Setup to com wait for Setup to com () stall results	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer Installer Installer Installer Nu Time to Installer Nu Time to Summary	Il continue installation, me Client Status uccessfully: 0 nstalt 0 me: 0 sec aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Results Results Remote init	Il continue installation, me Client Status uccessfully: 0 nstalt 0 me: 0 sec aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress U Hax I Stop Estimated time left. 10 min 0 sec Stop remote machines to run Setup: 10  minutes start on each remote machine: 2  minutes plete on each remote machine: 15  minutes
Installer Installer	II continue installation, me Client Status uccessfully: 0 stall: 0 me: 0 sec aller ed Settings et o wait for Setup to wait for Setup to com stall results of remote install ing software (Version	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Installer	Il continue installation, me Client Status uccessfully: 0 stall uccessfully: 0 aller aller aller d Settings aller d Settings aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Installer	Il continue installation, me Client Status uccessfully: 0 stall uccessfully: 0 aller aller aller d Settings aller d Settings aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Installer	Il continue installation, me Client Status uccessfully: 0 stall uccessfully: 0 aller aller aller d Settings aller d Settings aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Installer Installer Installer Installer Installer Nu Time to Installer Results Remote int Summary The follow REAL2. In	Il continue installation, me Client Status uccessfully: 0 stall uccessfully: 0 aller aller aller d Settings aller d Settings aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og
Installer Installer	Il continue installation, me Client Status uccessfully: 0 stall uccessfully: 0 aller aller aller d Settings aller d Settings aller	but their results will not show correctly.  Start Time End Time Result Description  Left to instalt In progress: O Max 1  Estimated time left: 10 min 0 sec  Stop  remote machines to run Setup: 10  machines start on each remote machine: 2  minutes og

30. Click Next.

31. Click Finish.

5 CHOIC at the bottom of the page to proceed to the Configuration section. If you do not have Storage Policy created, continue with the following step.

Create a Storage Policy: 32.

- 1. From the CommCell Browser, navigate to Policies.
- 2. Right-click the Storage Policies and then click New Storage Policy.
- 3. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:

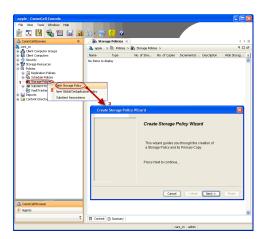
If you already have a storage policy selected in step 16, Click Next > button available

- $\circ~$  Select the Storage Policy type as  $\mbox{Data Protection}$  and  $\mbox{Archiving}$  and click Next.
- Enter the name in the Storage Policy Name box and click Next.
- From the **Library** list, click the name of a disk library to which the primary copy should be associated and then click Next.

Ensure that you select a library attached to a MediaAgent operating in the current release.

- o From the MediaAgent list, click the name of a MediaAgent that will be used to create the primary copy and then click Next.
- $\circ~$  For the device streams and the retention criteria information, click Next to accept default values.
- Select **Yes** to enable deduplication for the primary copy.
- $\circ~$  From the MediaAgent list, click the name of the MediaAgent that will be used to store the Deduplication store.

Installer
Summary Summary of install selections
Setup has enough information to start copying the program files. If you are satisfied with the install settings, click Next to begin copying files.
Destination Path = C:\Program Files\ CommServe Host = mycomputer.mycompany.com Intertace Name = audi.mycompany.com Dient =audi Job Results Path = C:\Program Files\JobResults Global Filters = Use Cell level policy
Installer X Schedule Reminder Job schedule creation reminder
Please note: You still need to create a Job Schedule for each DataAgent that has been installed on this client computer. Job Schedules are required to allow the DataAgents to perform automated backup and restore operations. Job Schedule creation can be accomplished through the CommCell Console administration interface.
Installer
Installer X Completion Report Setup complete
Software installation completed successfully
Installer Technical Support Website



Type the name of the folder in which the deduplication database must be located in the Deduplication Store Location or click the Browse button to select the folder and then click  ${\bf Next}.$ 

 $\circ\;$  Review the details and click Finish to create the Storage Policy.

33.

- Enable the following registry key to create job specific profiles:
  - From the CommCell Browser, navigate to Client Computers.
  - Right-click the <Client> in which you want to add the registry key, and then click Properties.
  - Click the Registry Key Settings tab.
  - Click Add.
  - Enter CreateProcessSpecificProfile in the Name field.
  - Enter MSExchangeMBAgent in the Location field. (For Exchange Mailbox iDataAgent).

 $\ensuremath{\mathsf{Enter}}$  MSExchangeDMAgent in the Location field. (For Exchange Mailbox iDataAgent).

- Enter REG\_DWORD in the Type filed.
- Enter 1 to enable and 0 to disable the key in the Value field.
- Click OK.

< Previous Next >

# Getting Started Configuration - Exchange Public Folder Archiver Agent

Once installed, configure an archive set and subclient as follows.

- From the CommCell Console, navigate to Client Computers | <Client> | Exchange PF Archiver | defaultArchiveSet.
  - Right-click the default subclient and then click **Properties**.

- Click the **Content** tab.
  - Click Browse.

1.

3. Select a folder and click **Add**.

- 4. Click Yes, then click Close.
- 5. Click **OK**.

File View Tools Windows Help
Image: CommCell Browser         Image: CommCel
a like coopy of
Corony 1x64     Corony 1
Exchange PF Archiver     Fixthange PF Archiver     Browse Backup Data
CA Exchange Public Folder     List Media
Bit exproxy5x64         Find           Bit fodm1         View Archived History
British         Control         Schedules           British         Control         Operation Window
0) (db file System         Find           10) Start System         Find           10) Start Start         View Archived History           10) Start Start         Operation Window           10) Start Start Start         Operation Window           10) Start Start Start Start         Operation Window           10) Start
Image: Statistical Statisti Statisticae Statisticae Statisticae Statisticae Statistic
Subclient Properties of default
Security Storage Device Activity Control Encryption Archiving Rules General Content Filters Pre/Post Process
1 Contents of subdient:
All Folders Delete
Browse
2
OK Cancel Help
Browsing content for default
Browing content for deault
2 Add Close
Warning
If you define content for the default subclient, the
entire default Public Folder tree will no longer be backed
up automatically. Are you sure you wish to do this?
Yes No

< Previous

Next >

6.

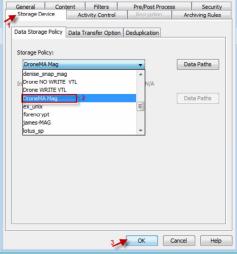
Click the Archiving Rules tab.Check the Enable All Rules check box.

Click the Storage Devices tab.

- Select a **Storage Policy**.
- Click OK.
- Click Next > to continue.

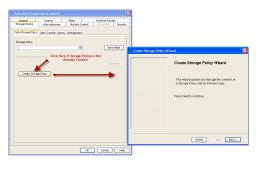
If you do not have Storage Policy created, click  $\ensuremath{\textbf{Create Storage Policy}}$  and proceed to the next step.

Subclient Properties of default
Security Storage Device Activity Control Encryption Archiving Rules
General Content Filters Pre/Post Process
Contents of subclent: Public Folders Delete Browse
OK Cancel Heb
- (
Subclient Properties of default
General Content Filters Pre/Post Process Security Storage Device Activity Control Encryption Archiving Rules
Wessage Rule         Stub Rule         Attachment Filter
Messages Archive message after 30 1 days
Archive message only if size is greater than 1024 $\frac{1}{2}$ KB
Select items with attachment(s) only Use either Age or Size rule
Use Sent/Received time for Age rule
3 OK Cancel Help
Subclient Properties of default
General Content Filters Pre/Post Process Security Storage Device Activity Control Encryption Archiving Rules
1 Data Storage Policy Data Transfer Option Deduplication



- 8. Follow the prompts displayed in the Storage Policy Wizard. The required options are mentioned below:
  - Select the Storage Policy type as Data Protection and Archiving.
  - Select  ${\tt No}$  to allow legal hold to use the policy.
  - Specify the name of the Storage Policy.
  - Specify the name of the primary copy. The primary copy is automatically created along with the Storage Policy.

- Select No for use of an existing global deduplication policy.
- Specify name of the default library to which the Primary Copy should be associated. This must be a disk library. Ensure that you select a library attached to a MediaAgent operating in the current release.
- Select the MediaAgent.
- Verify the device streams and the retention criteria information.
- Select Yes to enable deduplication for the primary copy. Select the Enable Client Side Deduplication option.
- Name of the Deduplication Store, MediaAgent hosting the Deduplication Store, and the location of the Deduplication Store.
- Review the details and click **Finish** to create the Storage Policy. The primary copy is also created.





# **Getting Started Archive - Exchange Public Folder Archiver** Agent

< Previous Next >

HAT GETS ARCHIVED	WHAT DOES NOT GET ARCHIVED	
default, mailbox messages that meet the	By default, the following are not included in	archive operations:
owing criteria are archived: Messages older than 30 days Messages greater than 1024 KB in size	setting)	ee Configuring Archive Rules for information on modifying this Configuring Archive Rules for information on modifying this sett
	gate to Client Computers   <client>  </client>	i File View Tools Windows Help
Exchange PF Archiver   defaul		Image: Second Browser
<ul> <li>Right-click the default subclient ar</li> </ul>	nd click <b>Archive</b> .	Computers > C
• Click Immediate.		Archive Options for Subclient: default
• Click <b>OK</b> .		Job Initiation
		Job Initiation
		Immediate
		Run this job now
		⊂ © Schedule
		Configure Schedule Pattern Configure
You can track the progress of the job	from the <b>Job Controller</b> .	C Matchanker Statistical R. M.S. Graves Conto., apertor labor Maryo Asso (surget, indulget false Argen from Docotone Despine (197) Datas second y labors (solid boots) prime (surget, indulget false Argen from Docotone Despine (197) Datas second y labors (solid boots) prime (solid boots) (197) Datas
Once the job is complete, view the d click the default subclient and select	etails of job from the <b>Archive History</b> . Right- <b>View Archived History</b> .	Image: Second Browser       Image: Second Browser
		Oreautoromeset

Job Status				
<ul> <li>All</li> </ul>	Completed	Failed	(C) Ki	led
- had				
Specify Time	Range			
Time Zone:	(UTC-05:00) Easter	rn Time (US & Cana	ada)	
Start Time		End Time		
Tue 06/28	3/2011	Wed 06/2	29/2011	-
	03:21PM	4	03:21PM	
	OK	Cancel	Advanced	Help
	ОК	Cancel	Advanced	Help
			Advanced	
latus Operation Type Stanage Policy Jul	x) @ Bolup 36 Morry of mo x (@ Bolup 36 Morry of a strop: Added Nations Added No. Sourther - Out Time		Advanced	
	× I the final address of the - × I the final address of the true interfaces induction one true in the final	The first sector for the sector for	Protect Ind. Post Lat.	Everal Pagetor
ana Operation Type Storage Palky Jul Considered Beckup DroveNik Mag Ful	x ( the bolt blockey yran, x ) ( the bolt blockey yran the fact had the second block blo		Train Maria Trat Lat. Tanil Mirris Minigauli (reserved on	eren Al rook to an
ana Operation Type Storage Palky Jul Considered Beckup DroveNik Mag Ful	<ul> <li>X ( P Solut Ministry of m. X ) ( P Solut Ministry of the N ( P Solut Ministry of m. X ) ( P Solut Ministry of the N ( P Solution Ministry Ministry of Ministry N ( P Solution Ministry Ministry) ( P Solution N ( P Solution Ministry) ( P Solution Ministry) ( P Solution N ( P Solution Ministry) ( P Solution Ministry) ( P Solution N ( P Solution Ministry) /li></ul>	r - Q Badag Heliat 129 Fit for Sanh 1200 4 Alan Sane Dogley San 2000 6 Alan Sane John John	Protect Ind. Post Lat.	Everal Pagetor
ana Operation Type Storage Palky Jul Considered Beckup DroveNik Mag Ful	C      C     C	The failing file last 3279 File fail last- 1000 e Alex Same Display Sam adom adom adom adom Addim Adoms Alm Addim Adoms Alm	Press Ind. To: Add. Indi Adoss admigini constat con Advergini constat con Advergini constat con	Tender Angelan State
ana Operation Type Storage Palky Jul Considered Beckup DroveNik Mag Ful	S Back Market Articles - 1 C Back Market Article      See Search and the second s	Tachag Stelad 1/29 Tac Star Samo Star Star Samo Alam Samo Address Anna Advess Alam Adves Address Anna Advess Alam Advess Alam	Prema: Partie, Pro: Land. Tani Address admig find, constraid, com admig find, constraid, com Addresigned, constraid com Addresigned, constraid com	Tender States Tender Angeles Teles States Teles States Sta
Ma Genetin Type Renge Hely M 2 Desilve Beller Dasplant Heller Desilve Desilve Desilve Ar Al Compare Lake Desilve 20	S     Section 24 and 24 a	The failing file last 3279 File fail last- 1000 e Alex Same Display Sam adom adom adom adom Addim Adoms Alm Addim Adoms Alm	Press Ind. To: Add. Indi Adors admight.comruit.com Advorghet.comruit.com	Tender Angelan State
teta (render Type Denge Holy) M 2 coulded Endag South Min (Fill Counted Endag South Min (Fill Counted Endag South Min (Fill Counted South Min (Fill And Min (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill) (Fill)	A (Parket all Market - Andre - all (Parket all Market - Andre - all (Parket all Market - Andre - all Andre	Long Sin La 1797 To Gin Sanda To Gin Sanda To Gin Sanda La Sans Sans Bagley Sans La Sans Sans Sans Sans La Sans Sans Sans La Sans Sans Sans La Sans Sans Sans La Sans Sans Sans Sans La Sans Sans Sans Sans Sans Sans Sans San	Termin Test, Prot Sant, Inc. Test Address admit prod. conservait con Addressing-frond. conservait con Addressing-frond. conservait con Addressing-frond.conservait con Addressing-frond.conservait con Addressing-frond.conservait con Addressing-frond.conservait con	The Arrays Ins. Int. Sector Arrays Ins. Control Arrays Ins. Angeline Table Arrays Ins. Control Arrays Ins. Biological genetic control - Africa Michael Bench Control - Market Michael Ben
Ma Genetin Type Renge Hely M 2 Deplete Refer Doplete Refer Deplete Refer	S     Section 24 and 24 a	Antonia Marine Allon Allon Allone	Territory (Territory) (Selling Endi Address ademiginal, conservati cons addressigneti, conservati cons	ww.M. Yayayaw   Sankar
Inter Operation Fore Design Holes II Compared Entries Development May All Compared Entries Development May All Compared Entries Development May P2 Internet X Compared X Compared X Compared R Compared R	Packala Mark (Mark)     P	Kachang Sin Ind 1799     Kochang Sin Ind 179     Kocha	Termin Test, Prot Sant, Inc. Test Address admit prod. conservait con Addressing-frond. conservait con Addressing-frond. conservait con Addressing-frond.conservait con Addressing-frond.conservait con Addressing-frond.conservait con Addressing-frond.conservait con	The Arrays Ins. Int. Sector Arrays Ins. Control Arrays Ins. Angeline Table Arrays Ins. Control Arrays Ins. Biological genetic control - Africa Michael Bench Control - Market Michael Ben
No. Operation Tare: Design Fieldy: Jul Compared Balva Develoting: All Compared Balva Develoting: All Compared Balva Docentinities (All Compared States)	Contractions Advices Technology     Contractions     Contract	Konny Rivel 179      For Life Land     Konny Rivel 179      For Life Land     Konny Rivel 179      Konny Rive	Territori Territoria (La Construitoria) Facilitativa adalingi inclusioneria ad construitatione adalingi inclusioneria ad construitatione Addividgenda co	Trend Paperson IIII
Inter Operation Fore Design Holes II Compared Entries Development May All Compared Entries Development May All Compared Entries Development May P2 Internet X Compared X Compared X Compared R Compared R	Packala Mark (Mark)     P	Arbing Minist (27)     The first Minist	Territori Territoria (La Construitoria) Facilitativa adalingi inclusioneria ad construitatione adalingi inclusioneria ad construitatione Addividgenda co	Trend Paperson IIII

- 6. Right-click the job to:
  - Browse the archived data.
  - Find messages in the archives.
  - View items that failed, if any, during the job.
  - Resubmit the job.
  - View job details, such as the number of mailboxes archived.
  - View media associated with the job.
  - View events associated with the job.
  - View list of files that were archived.
  - View logs associated with the job.
  - Send the log file that is associated with the job.

Previous Next >

# Getting Started Recover - Exchange Public Folder Archiver Agent

< Previous Next >

It is recommended that you perform a recover operation immediately after your first archive to understand the process.

- From the CommCell Console, navigate to Client Computers | <Client> | Exchange PF Archiver.
  - Right-click the default backup set and then click All Tasks | Browse.

2. Click OK.

1.

- Expand the defaultArchiveset and select the mailbox that you want to recover.
  Click Recover All Selected.
- 4. Click To PST File.
  - Select Local Drive.
  - Click **Browse** to locate the path.

🔔 CommCell Browser	ņ	💣 defaultA	rchiveSet ×	
- Client Computers			Client Computers	S 🕅 av2010-1 S
😥 📆 aries			g clore comparers	- <b>0</b> , caloro i -
calmar cobra32v_2		Subclient Name		
🗄 🚉 devl-ibmaix04		default test		
🗄 💽 diogenes		cosc		
<ul> <li>et drone9</li> <li>et al droneMA</li> </ul>				
🗄 📴 euryale				
😑 🚉 ex2010-1		🖾 Content 👔	Summary	
CA Exchange Cor	npliance Archiver			
DA Exchange Mai	ihox	🧾 Job Contr	oller ×	
Exchange Mai	ilbox Archiver	💽 Job Controller		
defaultAn     defaultAn     defaultAn	All Tasks	Austria A	I Subclients	o Agent Type
EXCH-DAG	View	100		Linux File S
😥 🖼 exdan-1	Properties	Erase Stub	5	Image Lev
exdag-2 exdag-3 exproxy1x64	Toperaes	Browse		Image Lev
exproxy1x64		Find		
E Contraction (E) E Contractio (E) E Contraction (E) E Contraction (E) E Contract	E	Configure		
😟 💽 fsdm1		Operation		
🗈 🚉 glinda 🗈 🚉 ibmaix02		New Subc	lient	
Browne Ontions				×
Browse Options				
Browse the L	atest Data			
Specify Brow	/se Time			
Browse Data B	Before:			
71. 071	07/2011		37 PM	4
Thu 07/	07/2011	02	57 FPI	]
Time Zo	ine: (UTC-05	:00) Eastern Time (U	5 & Canada) 🚽	,
	_			
Client Computer:	ex2010-1			
	-			
Use MediaAgent	<any mediaagen<="" td=""><td>T&gt;</td><td></td><td>•</td></any>	T>		•
√ Show Deleted I	Thomas			
A DIION Deleted :	ICENIS			
Page Size: 10	000 ÷			
ОК	Cancel	Advanced	List Media	Help
ОК	Cancel	Advanced	List Media	Help
ОК	Cancel	Advanced	List Media	Help
OK	Cancel	Advanced	List Media	Help
OK	Cancel	Advanced	List Media (	Help Sec Otom Dem
CK several Art (se)	Cancel	Advanced	List Media	Help Ber Shem Shem Shem Shem Shem Shem Shem Shem
OK Control of the second of t	Cancel	Advanced	List Media	Help 200 200 200 200 200 200 200 200 200 20
C Alexandro Contractioner Cont	To Folders	Advanced	List Media (	Help
	Cancel	Advanced	List Media (	Help.
	vertication of the second seco	Advanced	List Media	Help 2
	Cancel	Advanced	List Media	Help 2
An analysis of the second seco	Cancel	Advanced	List Media (	Help           85
Construction of the second secon	rev rev rev rev rev rev rev rev	Advanced	List Media	1 C
Recover Options for All Se	rev rev rev rev rev rev rev rev	Advanced	List Media	Help to
Construction of the second secon	rev rev rev rev rev rev rev rev	Advanced	List Media (	1 C
Recover Options for All Se	rev rev rev rev rev rev rev rev	Advanced Meridian Meridi	List Media (	1 C
Recover Options for All Se	ected Items:	Advanced	List Media (	1 C
State service in cardinal	The second secon	Advanced	List Media (	1 C
State severation services State severation services State severation services State severation services State severation severations State severation severations State severation severations State severation severations State severation severations State severations St	Professional and the second se	Advanced	List Media	
Recover Options for All Se General bio instantion To Malbox Recover Options for All Se Concert Distantion Concert Distantion Recover Destination Destination dest Recover to Set	put of the second secon	Advanced	List Media (	
State severation services State severation services State severation services State severation services State severation severations State severation severations State severation severations State severation severations State severation severations State severations St	put of the second secon	Advanced		
Recover Options for All Se General bio instantion To Malbox Recover Options for All Se Concert Distantion Concert Distantion Recover Destination Destination dest Recover to Set	put of the second secon	Advanced		
Recover Options for All Se General bio instantion To Malbox Recover Options for All Se Concert Distantion Concert Distantion Recover Destination Destination dest Recover to Set	put of the second secon	Advanced		
Recover Options for All Se General bio instantion To Malbox Recover Options for All Se Concert Distantion Concert Distantion Recover Destination Destination dest Recover to Set	elected Rems:	Advanced		
Recover Options for All Se General Job Industron Becover Options for All Se General Job Industron Comparison of the Second S	    	Advanced		
Recover Options for All Se General 3b Instation Biological Control of Security Contr	Lever the second	4. In the last last last last last last last last		
Recover Options for All Se General 3b Instation Biological Control of Security Contr	Lever the second	Advanced		
Recover Options for All Se General 3b Instation Biological Control of Security Contr	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	Lever the second	4. In the last last last last last last last last		
Control of the second sec	ected ltems:	4. In the last last last last last last last last		
Control of the second sec		4. Junchendre J weiter	ub	
Control of the second sec	ected ltems:	4. In the last last last last last last last last	ub	

Close the window.

 $\textbf{6.} \qquad \text{Append the path with the PST file name. Ensure to include the .pst file extension.}$ 

- Click the Job Initiation tab and select Immediate.
  - Click OK.

- 8. You can monitor the progress of the restore job from the **Job Controller**.
- 9. Once the restore job has completed, right-click the agent and click **View** | **Recover History**.

🕀 🧰 Boot	Boot bootmgr	374.79 KB	Folder File	4/25/11 2:37 PM 11/20/10 4:40 AM	
crashdumps     Documents and Settings	BOOTSECT.BAK	8 KB	File	9/7/10 5:30 PM	
ExchangeSetupLogs     ExchangeSetupLogs	crashdumps Documents and Settings		Folder Folder	7/7/11 10:28 AM 7/14/09 1:06 AM	
MSOCache	DynCacheInstaller.log	5.25 KB	File	6/27/11 11:51 AM	
PerrLogs     Powershell scripts     Program Files	ExchangeSetupLogs inetpub		Folder Folder	6/6/11 2:57 PM 9/7/10 3:05 PM	
Program Files     Program Files (x86)     ProgramData	MSOCache pagefile.sys	3 GB	Folder File	6/7/11 10:44 AM 6/24/11 1:26 PM	
	PerfLogs	3.00	Folder	7/13/09 11:20 PM	
System Volume Information	Powershell scripts Program Files		Folder Folder	5/9/11 12:24 PM 6/27/11 11:47 AM	
Users     Undowe	Program Files (x86)		Folder	6/7/11 10:46 AM	
	ProgramData Recovery		Folder Folder	6/29/11 2:09 PM 9/7/10 1:34 PM	
0 G: 0 G: 0 J:	System Volume Inform		Folder	7/6/11 12:18 PM	
(i) 1:	Users Windows		Folder Folder	4/28/11 2:53 PM 6/7/11 10:46 AM	
⊕					
					*
Ad	d Close	New Folder			
Recover Options for All Selected Item					×
General Job Initiation					
To Mailbox					
Recovery Destination					
Destination client ex2010-1					Y
J Recover to Same Paths					
Specify destination path					
				-	
				Brows	
When message exists					
<ul> <li>Unconditional Overwrite</li> </ul>					
Unconditionally overw	ite only if target is a Da	taArchiver stub			
Append					
Skip					
0.000					
6					
To PST File					
C:\Recovery\recovered.pst				Bro	wse
Local Drive     Network					
Cocal Drive Onechoix					
_					
	Cancel	Advanced	9	Save As Script	Help
Recover Options for All Selected	Items:				×
	ltems:				×
General Job Initiation	Items:				<b>×</b>
	Items:				
General Job Initiation Job Initiation	ltems:				
General Job Initiation Job Initiation @ Immediate	ltems:				
General Job Initiation Job Initiation	lterns:				
General Job Initiation Job Initiation @ Immediate Run this job now	lterns:				
General Job Initiation Job Initiation () Immediate	lterns:				
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation @ Immediate Run this job now		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General Job Initiation Job Initiation Immediate Run this job now Schedule		Configure			
General         Job Initiation           Job Initiation         Immediate           Run this job now         Schedule           Configure Schedule Patter         Configure Schedule Patter	, [				
General Job Initiation Job Initiation Immediate Run this job now Schedule	, [	Configure )	C Sav	re As Script	Help
General         Job Initiation           Job Initiation         Immediate           Run this job now         Schedule           Configure Schedule Patter         Configure Schedule Patter	, [		🕑 Sav	re As Script	
General       Job Initiation         Job Initiation       Immediate         Run this job now       Immediate         Configure Schedule       Configure Schedule Patter	, [		🚱 Sav	re As Script	
General Job Indiaton Job Indiaton Binnedate Run this job now Schedule Configure Schedule Patter Configure Schedule Patter	, [		🚱 Sav	re As Script	
General Job Initiation Job Initiation @ Immediate Run this job now @ Schedule Configure Schedule Patter Sta Genetar x % Sita Genetar x	Cancel A	Ivanced		nt Status Pro	Help
General Job Indiaton	Cancel Ac	ivanced	. MediaAge	nt Status Pro	Help
General Job Indiaton     Sob Indiaton     General Job Indiaton     General Job Indiaton     General Indiaton     General Indiaton     Schedule     Configure Schedule Patter     Configure Schedule Patter     Schedule     Configure Schedule Patter     Schedule     Schedule     Configure Schedule Patter     Schedule     Schedu	Cancel Ar	tvanced	. MediaAge	nt Status Pro	Help
General Job Indiaton	Cancel Ac	Avanced	. NedaAge . krin64 braak20	nt Status Pro Pending Running Completed	Help
General Job Indiaton     Sob Indiaton     General Job Indiaton     General Job Indiaton     General Indiaton     General Indiaton     Schedule     Configure Schedule Patter     Configure Schedule Patter     Schedule     Configure Schedule Patter     Schedule     Schedule     Configure Schedule Patter     Schedule     Schedu	Cancel Ar	Avanced	. MediaAge . krin64 ibrnak/20 jamos	nt Status Pro Pending Running Running	Help
General Job Indiaton	Cancel Ac	Avanced	. MediaAge . krin64 ibrnak/20 jamos	nt Status Pro Pending Running Completed	Help
General     Job Indiation       Job Indiation <ul> <li>Immediate</li> <li>Run this job now</li> <li>Schedule</li> <li>Configure Schedule Patter</li> <li>Configure Schedule Patter</li> <li>No context</li> <li>No con</li></ul>	Cancel Ad	vanced	NedaAge kmak20 jamas DroneMA	nt Status Pro Pending Running Running Conselected Running	Help
	Cancel Ad Addret 3db Type The specific Total Good and the Good and a	vanced a Storage P. a deres, M. A dere Mark, Starker der Mark, Sta	. Nedalge . Nith54 Emakc20 janes DroneMA	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
	Cancel Ad Addret 3db Type The specific Total Good and the Good and a	vanced a Storage P. a deres, M. A dere Mark, Starker der Mark, Sta	. Nedalge Nith54 brok20 janes DroneMA	nt Status Pro Pending Running Running Conselected Running	Help
General Job Intiation     Schedule     Configure Schedule Patter     Configure Schedule Patter     Schedule     Schedule	Cancel Ad addex 30 Type Fire spit Fid Bos point Fid Bos point Fid Bos Bos Field Bos Bos Bos Field Bos Bos Bos Bos Bos Bos Bos Bos Bos Bos	vanced a Storage P. a deres, M. A dere Mark, Starker der Mark, Sta	. Nedalge Nith54 brok20 janes DroneMA	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
General Job Intiation     Schedule     Configure Schedule Patter     Configure Schedule Patter     Schedule     Schedule	Cancel Ac Active Trid Bod specific Fuld Code active Received Active P DA Active Received Active P DA Active Received Active P DA	In the second se	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Concel Brooks     Configure Schedule	Cancel Ac Active Trid Bod specific Fuld Code active Received Active P DA Active Received Active P DA Active Received Active P DA	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
	Cancel Ac Active Trid Bod specific Fuld Code active Received Active P DA Active Received Active P DA Active Received Active P DA	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
	Cancel Ac Active Trid Bod specific Full God specific Full God specific Full God specific Full God Rec Q Q Active Rec	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Conceptors     C	Cancel Ac Active Trid Bod specific Full God specific Full God specific Full God specific Full God Rec Q Q Active Rec	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Debraidson     D	Cancel Ad Adder 300 Tree Pro sector Trad Bost sector Trad Bost	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Debraidson     D	Cancel Ad Adder 300 Tree Pro sector Trad Bost sector Trad Bost	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Conceptors     C	Cancel Ad Adder 300 Tree Pro sector Trad Bost sector Trad Bost	Internet Int	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Concel Browser     Concel B	Cancel Ad Addet 3do Tree Pro sector Pro sector Pro sector Pro sector Pro sector Pro sector Pro sector Pro Bos sector Pro Bos Bos Bos Bos Bos Bos Bos Bo	tvanced s	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt Status Pro- Pending Running Running Correlated Running Correlated Running Correlated Running Runnin	Help
Connect 2 bol Initiation     Del Initinitiation     Del Initiation     Del Initiation     Del Initiatio	Cancel Au Autor To de Cancel Autor To de Can	tvanced	<ul> <li>Nedsage</li> <li>Inned</li> <l< td=""><td>nt 2atur Produce Produce Running Running Running Archiver X Archiver X Archiver S</td><td>Help</td></l<></ul>	nt 2atur Produce Produce Running Running Running Archiver X Archiver X Archiver S	Help
De contra la contra l	Cancel Ar dederet 3do type film approx Film 6 cost approx Film	tvanced	NedaAge km64 km64 km8420 janes DroneMA Tailbox 4	nt 2atur Produce Produce Running Running Running Archiver X Archiver X Archiver S	Help
Connect 2 bol Initiation     Del Initinitiation     Del Initiation     Del Initiation     Del Initiatio	Cancel Au Autor To de Cancel Autor To de Can	tvanced	<ul> <li>Nedsage</li> <li>Inned</li> <l< td=""><td>4 Setur Pro Pendro Constituet Romma Archiver × Archiver &gt; It</td><td>Help</td></l<></ul>	4 Setur Pro Pendro Constituet Romma Archiver × Archiver > It	Help

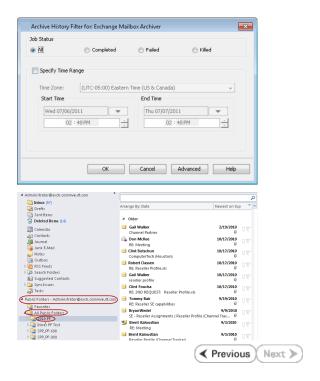
Size

Type Mo Folder 7/1

Name \$Recycle.Bin

ex2010-1

10. Click **OK**.



- **11.** On the destination client computer, start Outlook.
  - Click All Public Folders.
  - View the recovered public folder and appended messages.

Getting Started - Exchange Mailbox iDataAgent