Quick Start - Celerra File Archiver

TABLE OF CONTENTS

OVERVIEW
Introduction
Key Features
Terminology
SYSTEM REQUIREMENTS
DEPLOYMENT
Installation
Method 1: Interactive Install
Method 2: Install Software from CommCell Console
GETTING STARTED - CELERRA FILE ARCHIVER AGENT DEPLOYMENT ON A CLUSTER
GETTING STARTED - SETUP PROXY CLIENT
SETUP CELERRA FILE SERVER
GETTING STARTED - CELERRA FILE ARCHIVER AGENT CONFIGURATION
GETTING STARTED - CELERRA FILE ARCHIVER AGENT MIGRATION ARCHIVING
Porform An Archiva

Perform An Archive What Gets Archived What Does Not Get Archived

GETTING STARTED - CELERRA FILE ARCHIVER AGENT RECOVER DATA

Perform A Data Recovery

Overview - Celerra File Archiver Agent

TABLE OF CONTENTS

Introduction Key Features Terminology

INTRODUCTION

File Archiver for Celerra Agent is installed as a stand alone archiving agent to archive and recover data residing on a Celerra File Server. The Data is always archived on CIFS share.

The Archived data allows preservation, transparent retrieval, and discovery of information held within file system environment. It reduces the size of data on the primary storage and decreases the duration of backup operations by the corresponding iDataAgent. Migrating data from file systems to secondary, tiered-storage maximizes storage utilization across the enterprise.

The File Archiver for Celerra can optionally create stubs that contain information about the archived data to facilitate end-users with non-browse recovery operations from third-party applications. Migrated data can also be recovered from the CommCell Console using the browse recovery operation whether the stubbing feature is enabled or disabled. Additionally, it employs centralized, policy-based storage to reduce costs and simplify management.

KEY FEATURES

The Celerra File Archiver involves the following key features:

RECALL THROTTLING

You can configure the stub recovery parameters, such that, you can set the Maximum Number of Stubs in a Recall Job, Time between recalls and Time to wait after maximum successive recalls limit is reached.

POINT IN TIME RESTORE

You can restore the system state of a client, backed up on a specific date and time.

STUB PRUNING

In the archive phase, File Archiver for Celerra will archive files meeting the pre-set archive criteria and, if applicable, put them into a list for the stubbing phase and prune the expired stubs. This helps in secondary storage space reclamation.

TERMINOLOGY

The Celerra File Archiver documentation uses the following terminology:

PROXY CLIENT	A proxy client is any computer on which the File Archiver Agent is installed to archive and recover data residing on a Celerra File Server.		
MIGRATION ARCHIVING	Migration archiving is a process of periodically moving unused or infrequently used Celerra data on a host computer to secondary storage, thereby reducing the size of data on the primary storage.		
STUBBING	The stubbing phase starts after the archive phase succeeds. Stubs are placeholders of the original data after it has been migrated to the secondary storage. Stubs replace the archived files in the location selected by the user during the archive. However, stubs will only be created if the subclient properties were configured to create them during archive.		
	The archived and migrated data can be recovered in any of the following three methods:		
 DATA RECOVERY Recovery of archived files per file paths provided using the CommCell Console. Browse and Recovery of archived files using the CommCell Console. 			
			• Recall of archived files from stubs using third-party applications like: Windows Terminal or Console window.
STUB RECOVERY	If the subclient is configured to create stubs, you can perform a recall operation from a Windows workstation for recovering the stubs. A recall is any action that causes an open and read to be executed on the stub, which automatically initiates a recovery operation.		
PERSISTENT RECOVERY	Multiple stub recoveries are submitted to the Job Controller as one job called a Persistent Recovery job. The job will wait for approximately 5 seconds in order to allow other stub recovery requests being submitted on the same client to be batched into the same job.		

System Requirements - File Archiver for Celerra Agent

System Requirements Supported Features

The following requirements are for the File Archiver for Celerra Agent:

OPERATING SYSTEM

WINDOWS 7

Microsoft Windows 7 32-bit and x64 Editions

WINDOWS SERVER 2008

Microsoft Windows Server 2008 32-bit and x64 Editions* *Core Editions not supported

WINDOWS VISTA Microsoft Windows Vista Ultimate 32-bit Edition Microsoft Windows Vista Ultimate x64 Edition

WINDOWS SERVER 2003 Microsoft Windows Server 2003 32-bit and x64 Editions*

*Core Editions not supported

WINDOWS XP

Microsoft Windows XP Professional 32-bit Edition with a minimum of Service Pack 3 Microsoft Windows XP Professional x64 Edition with a minimum of Service Pack 3

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.
 500 MB of free disk space is required for job result directory.
 In addition, number of archived files * 4 KB space is required for stub cache directory.
 500 MB of free disk space is required for log directory.

MEMORY

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

PROCESSOR

All Windows-compatible processors supported

FILE SERVER

The File Archiver for Celera Agent can perform data protection/recovery operations for data on the following file server versions:

VENDOR	FILE SERVER VERSION
EMC CELERRA	DART OS 5.5
	• DART OS 5.6
	DART OS 6.0
	DART OS 7.0
	Virtual Data Mover (VDM) on DART 5.5 and 5.6 is supported.
EMC VNX	DART OS 7.0
	DART OS 7.1

OART OS 7.1.47

EMC VNX 2

PERIPHERALS

DVD-ROM drive

Network Interface Card

MISCELLANEOUS

NETWORK

TCP/IP Services configured on the computer.

Special considerations apply if using the File Archiver for Windows Agent in an IPv6 environment. See Configuring File Archivers and Internet Protocols for more information.

.NET FRAMEWORK

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

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.

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

Getting Started - Celerra File Archiver Agent Deployment

WHERE TO INSTALL

Install the software on a computer with connectivity to the Celerra file server. The client computer must satisfy the minimum requirements specified in the System Requirements.

INSTALLATION

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

METHOD 1: INTERACTIVE INSTALL

Use this procedure to install the software directly on client computer.

METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

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

BEFORE YOU BEGIN

Download Software Packages Download the latest software package to perform the install.

< Previous

Next >

System Requirements

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

PREREQUISITES

Ensure the following:

- User has administrative privileges on the computer which has the connectivity to the Celerra File Server.
- User has administrative privileges on the computer where Celerra File Archiver agent will be installed.

METHOD 1: INTERACTIVE INSTALL

- 1. Run Setup.exe from the Software Installation Disc on a client computer.
- Select the required language.
 Click Next.

Select the language you will use during installation.	
<u>N</u> ext>	<u>C</u> ancel
₽ View documentation website	
View Install Quick Start Guide (Requires Adobe Acrobat Reader)	
Install Adobe Acrobat Reader	
	⊜ Exit

3. 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.

4. Select I accept the terms in the license agreement. Click Next. 5. Expand Client Modules | Archive Management and select File Archiver for Windows Agent Click Next.

6. 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**.

7. 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:

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

Firewall Configuration Configure frewall services
If there is a firewall between this machine and the CommServe, configure firewall services below.
Configure firewall services
Please specify how Windows Frewall is limiting network traffic: Whether it is possible to open connection from here to a CommServe's tunnel post, 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.
This machine can open connection to CommServe on tunnel port
C CommServe can open connection toward this machine
C CommServe is reachable only through a proxy
Installer Cancel
installer 🛛 🔀
CommServe Name Specify the CommServe computer name and host name
CommServe Client 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

 I:
 □
 CommServe Modules

 I:
 □
 CommCell Conside

 I:
 □
 Control Adgert Modules

 I:
 □
 Control Adgert Modules

 I:
 □
 Control Adgert Modules

 I:
 □
 Content Indexing and Search Bower

 I:
 □
 Content Indexing and Search Brower

 I:
 □
 Content Indexing and Search Brower

 I:
 □
 Achive Management

 I:
 □
 Content-wing and Search Brower

Additive management
 Addititet
 Additive management
 Additive management
 Additive ma

Installer Install Agents for Restore Only

Installer

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 Hoan I lanuas Ages

< Back

< Back

.....

Next >

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

Temporary on C: drive: 0 MB/ 0 MB Special Registry Keys In Use

Cancel

Cancel

Disk Space (Req/Recommended) Installation Folder: 0 MB/ 0 MB

^

~

Cancel

8. Click Next.

		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 < Back Next > Cancel
9.	Select Add programs to the Windows Firewall Exclusion List , 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. 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. 	Windows Firewall is DN ✓ 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 Cancel
10.	Verify the default location for software installation. Click Browse to change the default location.	Installer Destination Folder Select the destination folder to install the program files.
	 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. 	Click Next to accept the default location, or click Browse to choose an alternate location. Destination Folder Destination Folder Drive List C 328 MB Space Required / Recommended I384 MB / 1670 MB Installer < Back Next> Cancel
11.	Select a Client Group from the list. Click Next . This screen will be displayed if Client Groups are configured in the	Installer Client Group Selection Select a client group for the client.
	commeen console.	The Litent taroup is a togical grouping of client machines which have the same associations at various levels like Schedule Policy, Activity Control, Security and Reports.
12	Click Novt	Clierk group: Nore Selected clierk_group Installer Cancel

X

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 16

13. Click Next.

14. Click Next.

15. Click Finish.

If you already have a storage policy selected in step 12, click the ${\bf Next}$ button available on the bottom of the page to proceed to the ${\bf Configuration}$ section.

	×
Schedule Install of Auto	omatic Updates
Choose when you want to sc downloaded updates.	hedule an install of the
🔽 Schedule Install of Aut	Innatic Undatas
I	
C Once	
Weekly	Time: 08:31:12 PM
	 Monday Tuesday
	O Wednesday O Thursday
	O Friday O Saturday
	C Sunday
Installer	
	<back next=""> Cancel</back>
Storage Policy Selection	n.
Select a storage policy for the backed up.	e default subslient to be
Configure for Laptop	or Desktop Backup
Installer	
	< Back Next > Cancel
Installer	
Summary	
Summary of install selections	
Columbra annual inform	alies to study any institute and the second of the second s
Setup has enough inform install settings, click Next	ation to start copying the program hies. If you are satisfied with the to begin copying files.
	<u>^</u>
Destination Path = C:\Pro	ogram Files\
LommServe Host = myco Interface Name = audi.m	mputer.mycompany.com ycompany.com
Job Results Path = C:\Pri	ogram Files JobResults
Global Filters = Use Cell le	evel policy
Installer	
	< Back Next > Cancel
	< Back Next> Cancel
Installer	<pre> < Back Next> Cancel</pre>
Installer Schedule Reminder	< Back Next > Cancel
Installer Schedule Reminder Job schedule creation remind	< Back Next > Cancel
Installer Schedule Reminder Job schedule creation remind	< Back Next > Cancel
Installer Schedule Reminder Job schedule creation remind	er
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create.	esck Next> Cancel
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create, this client computer.	 K Next > Cancel Cancel Canc
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create a this Glent compute. Job Schedulas are repa	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client computer. Job Schedules are requ and restore operations.	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client computer. Job Schedules are requ and restore operations. Job Schedules creation c administration interface	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this cilent compute: Job Schedules are requ and restore operations. Job Schedules creation c administration interface.	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client compute: Job Schedules are requ and restore operations. Job Schedules creation c administration interface.	Cancel C
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client computer. Job Schedules are requ and restore operations. Job Schedules creation c administration interface.	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client compute: Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer	Cancel C
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer	Cancel C
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer	
Installer Schedule Reminder Job schedule creation remind Please note: You stil need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Completion Report	
Installer Schedule Reminder Job schedule creation remid Please note: You still need to create this client computer. Job Schedules are requ and restore operations. Job Schedule creation administration interface. Installer Installer Installer Completion Report Setup complete	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create- thic client computer. Job Schedules are requi and restore operations. Job Schedules renations. Job Schedule creation (interface). Installer Installer Installer Completion Report Setup complete	
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create- this client computer. Job Schedule are required and restore operations. Job Schedule creation cadministration interface. Installer Installer Installer Software installation complete	c Back Next> Cancel Cancel Iter a Job Schedule for each DataAgent that has been installed on ied to allow the DataAgents to perform automated backup can be accompliated through the CommCell Console Image: Image
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create, this client computer. Job Schedules are repu- and restore operations. Job Schedules are repu- and restore operations. Installer Installer Installer Installer Setup complete Software installation complete Visit the website below to dow	c Back Next> Cancel Cancel Iter a Job Schedule for each DataAgent that has been installed on ied to allow the DataAgents to perform automated backup can be accomplished through the CommCell Console Next> Mext> Image: Console Image: Console Imag
Installer Schedule Reminder Job schedule creation remid Please note: You atil need to create a this client computer. Job Schedule creation are repu and restore operations. Job Schedule creation a drestore operations. Installer Installer Installer Setup complete Software installation complete Visit the website below to dow Dick Finish to complete Setup.	c Back Next> Cancel Cancel Iter a Job Schedule for each iDataAgent that has been installed on ired to allow the IDataAgents to perform automated backup can be accomplished through the CommCell Console Next> Next> Image: Console
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create a this client compute. Job Schedules are requ and restore operations. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Installer Setup complete Software installation complete Visit the website below to dw Click Finish to complete Setup	K Next> Cancel
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create a this client computer. Job Schedules are requ and restore operations. Job Schedules are requested are reque	c Back Next> Cancel Image: Cancel If a set is a set of the set is a set of the
Installer Schedule Reminder Job schedule creation remind Please note: You still need to create a this client computer. Job Schedules are requ and restore operations. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Installer Software installation complete Visit the website below to dow Click Finish to complete Setup	c Back Next> Cancel
Installer Schedule Reminder Job schedule creation remind Please note: You stil need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Installer Software installation complete Visit the website below to dow Click Finish to complete Setup	c Back Next> Cancel
Installer Schedule Reminder Job schedule creation remind Please note: You stil need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Completion Report Setup complete Visit the website below to dow Dlick Finish to complete Setup	c Back Next> Cancel Cancel Iter a Job Schedule for each DataAgent that has been installed on ied to allow the DataAgents to perform automated backup can be accomplished through the CommCell Console Next> Interest in the installed on automated backup Cancel Interest in the installed on ied to allow the DataAgents to perform automated backup can be accomplished through the CommCell Console Interest in the installed on automated backup (Next) Interest in the installed on automated backup an be accomplished through the CommCell Console Interest in the installed on automated backup Interest in the installed on automated backup (Next) Interest in the installed on automated backup Can be accomplished through the CommCell Console Interest in the installed on automated backup (Next) Interest in the installed on automated backup Interest in the installed on automated backup (Next) Interest in the installed on automated backup (Next) (Next)<
Installer Schedule Reminder Job schedule creation remind Please note: You stil need to create - this client computer. Job Schedules are requ and restore operations. Job Schedule creation c administration interface. Installer Installer Installer Software installation complete Visit the website below to dow Dlick Finish to complete Setup Installer Installer	c Back Next> Cancel Cancel Iter a Job Schedule for each DataAgent that has been installed on ied to allow the DataAgents to perform automated backup can be accomplished through the CommCell Console Next> Interest in the installed on automated backup Cancel Interest in the installed on ied to allow the DataAgents to perform automated backup can be accomplished through the CommCell Console Next> Interest in the installed on automated backup Cancel Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on ied to allow the DataAgents to perform automated backup Interest in the installed on I



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

16. 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.

METHOD 2: INSTALL SOFTWARE FROM COMMCELL CONSOLE

1. From the CommCell Browser, select Tools | Add/Remove Software | Install Software.

2. Click Next.

ools 2 🗵 CommCell Job Controlle Browse & Rec Job Controller 🚴 murphy 9 O J murphy > mmN Event Viewer ent C Reports... mu curit Control Panel 8 ð 🔨 Security Clier Client Computers ÿ orage 📱 Service Control Manager 8 Add/Remove Software ontent irector ve Update

> Upgrade Software Download Software Copy Software Add/Remove Software Configurat

*			
	murphy	admin	
			_
Installer			X
instali Wizard			
This wizard guides you through the	steps required to ir	install software on computers.	
Click Next to continue.			
< Back	• Save As Script	Finish Cancel He	p

3. Select Windows. Click Next.



4. Select Manually Select Computers. Click Next.

5. Enter the fully qualified domain name of the client computer. For example: apple.domain.company.com Click Next.

6. Click Next.

7.	Specify UserName and Password of the client computer.
	Click Next.

Installer	
Select the computer's operating system	
< Back Litext > Save As Script	Finish Cancel Help
Installer	
Select how to discover the computers for instal	ling the software
Manually select computers	
Software will be installed only on the selected list of compu	ters.
 Automatically discover computers Computers will be discovered when the job runs. 	
< Bock Next > Save As Script	Finish Cancel Help
Installer	
Enter the host names of the computers	
Enter the host names of the computers Please enter the host names of the computers, one per line	
Enter the host names of the computers Please enter the host names of the computers, one per line exple.domain.company.com	Import from File
Enter the host names of the computers Please enter the host names of the computers, one per ine exple.domain.company.com	Import from File Import From Active Directory
Enter the host names of the computers Please enter the host names of the computers, one per line exple.domain.company.com	Import from File Import from Adve Directory Select from existing clerits
Enter the host names of the computers Please enter the host names of the computers, one per ine apple.domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per line apple.domain.company.com	Import from File Import From Active Directory Select from existing clerits
Enter the host names of the computers Please enter the host names of the computers, one per line apple.domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per line epple domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per line exple.domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per ine exple.domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per ine reple.domain.company.com	Import from File Import From Active Directory Select from existing clients
Enter the host names of the computers Please enter the host names of the computers, one per ine exple.domain.company.com	Import from File Import From Active Directory Select from existing clients Fresh Cancel 1990
Enter the host names of the computers Please enter the host names of the computers, one per line regine.domain.company.com	Import from File Import From Active Directory Select from existing dients Freich Cancel Help
Enter the host names of the computers Please enter the host names of the computers, one per line apple domain.company.com	Frish Cancel Hip
Enter the host names of the computers Please enter the host names of the computers, one per ine accele domain.company.com	Import from File Import from Active Directory Select from existing dents Final Cancel Help To override Software Cache settings deek.
Enter the host names of the computers Please enter the host names of the computers, one per ine apple.domain.company.com	Import from File Import From Active Directory Select from existing dents Fronth Cancel Emp Fronth Cancel Emp
Enter the host names of the computers Please enter the host names of the computers, one per ine scele.domain.company.com	Import from File Import from Adve Directory Select from existing dents Finish Cancel Usip to overside Software Cache settings dead.
Enter the host names of the computers. Please enter the host names of the computers, one per line septer demain.company.com estimation september demain d	Import from File Import from Active Directory Select from existing clents Finish Cancel Heip To override Software Cache settings check
Enter the host names of the computers, one per ine	Import from File Import from Active Directory Select from existing clents
Enter the host names of the computers. Please enter the host names of the computers, one per ine apple.domain.company.com cells. Cell	Import from File Import from Active Directory Select from existing clents Finish Cancel Existing In overside Software Cache setting: check
Enter the host names of the computers, one per line	Import from File Import from Active Directory Select from existing clerits Frisch Cancel Edit Coverside Software Cache settings check.
Enter the host names of the computers, one per line	Import from File Import from File Import from Active Directory Select from existing clients Freich Cancel Edeb to override Software Cache settings check
Enter the host names of the computers. Please enter the host names of the computers, one per line	Import from File Import from File Import from Active Directory Select from existing dents Cancel Exist Covernide Software Cache settings check
Enter the host names of the computers. Please enter the host names of the computers, one per line	Import from File Import from Active Directory Select from existing clients Freich Cancel Help To overnide Software Cache settings check

8. Select File Archiver for Windows Agent. Click Next.

9.

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

• Select Reboot.

• Click Next.

11. • Select Immediate.

• Click Next.

Installer	×
Enter Account Information	
The specified account should have administrative access to the computer. If you are installing	
inclupie clients, the deel 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	
nstaller	×
Select Package(s) to Install	
© Clent Modules ▲	
Crichive Management SharePoint Archiver Agent	
Domino Malbox Archiver Agent Lotus Notes Add-In Client	
I Extrange Complexite Archiver Exchange WebProxy Archiver Agent Exchange Archiver Agent	
Contrarge Counce of an end of the set o	
OWA Proxy Enabler Driver for File Archiver	
-Fie Share Archiver Clent	
SRM	
SRM NAS Agent	
SKM Under Agent	
Continuous Data Replicator	
USS Provider	
Supporting Modules	
	_
< Back Next> IP Save As Script Finish Cancel Help	
Cased Back Back Frith Cased Back	
Cash Bet 2 Preh Canol Heb]
Casel Back Back Preh Cancel Hebe Installer Enter Recommended Settings for the selected Software Recommended Settings	
Even 2 Preh Grad Heb Installer Enter Recommended Settings for the solected Software Facemended Settings Selected Add Parse Selected Global Filters Use Cellevel polary	
Exter A stort Proh. Concil Use Installer Enter Recommended Settings for the solected Software Image: Solected Software Image: Solected Software Facemended Settings Concil - Solected Software Image: Solected Software Image: Solected Software Generative Coops Add Hors Solected Software Image: Solected Software Global Filters Use Collevel policy Image: Solected Software Image: Solected Software	
Extend & Sector Preh. Grand Use	
Even 2 Preh. Grant Hele Installer Enter Recommended Settings for the solected Saftware Facemended Settings for the solected Saftware Facemended Settings Gata Add Add Add Add Add Add Add Add Add Ad	
Even 2 Preh Grand Use	
Even 2 Preh Grad Med Installer Enter Recommended Settings for the solected Software Image: Solected Software Image: Solected Software Recommended Settings Grad Solected Software Image: Solected Software Image: Solected Software Image: Solected Software	
CBok Bat 2 Parch Sastel Parch Cancel Use	
CBM But 2 Installer	
CBML But 2 Free As Seret Free As Seret Free As Seret Free Addresses	
CBSA But 2 Face As Sample Find (Cancel) Use	
CBSC But 2) Fame As Sample Perch Cancel Use	
CBAC But 2 France As Secret France Use	
CBAD Bat2 France As Secret France Line	
CBAD But 2 France As served France As served But 2 Installary Enter Recommended Settings for the selected Software Francemended Settings Calcular Settings Calcular Setings Calcular Setings Calcular Settings Calcular Setting	
(bb) (bb) Installer Exter Recommended Settings for the selected Software Ferenanded Settings Called Flares Exter Recommended Settings Called Flares Exter Recommended Settings Called Flares Exter Recommended Exter Recommended Called Flares Exter Recommended Exter Recommended Exter Recommended Called Flares Exter Recommended Called Flares Exter Recommended Exter Recomme	
(bb) (bb) Installer Enter Recommended Settings for the selected Software Ferenanded Settings Called Rens Leador Settings Leador Setting Leador Settings Leador Settings Leador Setting Leador Settin	
CBSR But 2 Installar Enter Accommended Settings for the selected Software Installar Installar Installar Installar<	
(Bit) (Bit) Installer Installer <td></td>	
CBSA But 2 Install	
CBSC But 2 Installer	
(dbt) (bbt) Install Install	
(bb) (bb) Introller Electrometriced Settings for the selected Settings For electrometriced Settings for the selected Settings Center Georges Center Georges Center Georges Center Georges Center Georges Setting Sett	

12. Click Finish.

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

Installer	
Piease Select V	When To Run The Job
_ Job Initiation	
Job Inication	_
(Immed	late
Run this	i job now
🔿 Schedu	le
Configur	re Schedule Pattern
g	
1	
< Back Ne:	xt > Save As Script Finish Cancel Help
Installer	
Summary	
Please verify all the selected opt Client Install Option	tions and click Finish to run the job immediately or click Save As Script to save the job options as a script.
Select Type Of Installati	ion: Windows
Reuse Active Directory	credentials: No
User Name: mydomain/a	administrator
Install Flags	
Install Updates: Yes Reboot (if required): No	0
Kill Browser Processes (Ignore Running Jobs: N	(if required): No No
Stop Oracle Services (if Skip clients that are alm	required): No eady part of the CommCell component: No
Ignore Client/Host Name	norani: res e Conflict: Yes me Onley: No
Client Composition	and only file
Override Software Cach Select Type Of Installati	e: No iona: Copy packages to remote machine
Components Selected Components To	a Install: Windows File System (DataAgent,
Common Information (Op	ntional)
Client	now houry
CVD Port: 8400 Evingre Port: 8402	
Selected Clients Client Name: apple.myd	lomain.mycompany.com
J	
	< Back Next > Save As Script Phileh Cancel Help
🔀 Job Controller 🛛	
Abb Controller H Job ID Operation Client Co	. Apent Type Subclant Job Typer I Phase Strange Mediadgent Status Progress Errors Delay Reason
٤	
Pause Playing Purnin Event Never × Standard Adam Job History	x
Event Wever Seventy Event ID 3ob ID Date	* I Program Computer Event Code Description
228 20 08/31/2010 227 20 08/31/2010 226 08/31/2010 226 08/31/2010	1111/bits Distributisoftware apple 68.92 Xeb Completed Successfully 1111/bits Distributisoftware apple 5003 All packages were associated by initialitied on client. [murphy handlab commound, com]. 1111/bits Distributisoftware apple 4.345 Initialities of [Image Apple App
225 08/31/2010 224 08/31/2010	III-ISIO: CVD opple 4:345 Installation of [Windows File System DotaAgent] on the dent [wurphe] complete III-ISIO: CVD opple 35:254 User [admm] has logged on.
II Pause Playing Stripmation, Mnor, Haj	pr, Oficial, Maximum events shows: 200
idol.testlab.commvault. Ele View Tools Windows	com - CommCell Console
🍺 🗔 🖪 🗞 🗉	II 🙀 🙀
CommCell Browser P	apple × 4
All Tasks	💐 apple > 🛛 🖓
Control Panel	Admin Job History Clent Security Storage Policies
Properties	Log Files 3 Computers Resources
Wirtual Server mustana	Schedules 4
OA File System OA Virtual Server	Fl Job ID Operation Client Co Agent Type Subclient Job Typer 1 Ph 21 Data Aging
E Security	
Policies	II Pause Playing Runnin
🗄 🎲 Content Director	Event Viewer × 10 Admin Job History × 4
	Severity Event ID Job ID Date VI Program Computer
	233 21 08/31/2010 12:00:23 JobManager apple 1 2 232 21 08/31/2010 12:00:08 JobManager apple 1
CommCell Browser	231 08/31/2010 11:52:42 EvMgr5 apple 3 2 228 20 08/31/2010 11:46:15 DistributeSoftware apple 6
🤿 Agents »	2007 201 09/21/2010 11.4E.044 Pictular.Software conta
R object/c)	II Pause Playing Information, Minor, Major, Critical, Maximum events shown: 200
o object(s)	appre admin

Admin Job History Filter		
Job Type		
⊖ All	🔿 Data Aging	C Export Media
 Auxiliary Copy 	O Inventory	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	O 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	
Start Time Mon 08/30/2010 12 : 07 PM	End Time	8/31/2010
All Com	pleted O Failed	◯ Killed
Number of 3des		

16. You can view the following details about the job by right-clicking the job:

- Event of the job displaying that the software installation has started and completed.
- Details of where the job was run.
- Date of the job.
- Client computer name on which the software was installed.
- Logs of the job.

Previous Next >

Getting Started - Celerra File Archiver Agent Configuration

< Previous Next >

CONFIGURATION

1.

Once installed, follow the steps given below to configure an Instance and create a Subclient as follows:

- From the CommCell Browser, navigate to <*Client*> | File Archiver.
 - Right-click File Archiver, point to All Tasks | Create Instance and then click Celerra.



- In the **Instance Name** box enter the instance name.
 - In the Filer Name box enter the Filer name.
 - In the **Proxy Stub Path** box **Browse** or enter the proxy path.
 - In the HTTP/CIFS Address box enter the HTTP\CIFS address.
 - Click Configure Password.
 - In the **Proxy File Expiration** box, enter the time in minutes for which the proxy stub folder would retain the stubs.
 - In the **Proxy Prune Interval** box, enter the time in minutes for which the system will check whether the stubs could be deleted.

We recommend you to enter the maximum time in minutes to retain the stubs for a longer time in the Proxy Stub Folder.

3.

Enter credentials for an account with administrative access to the file server.

If you have two or more instances of NAS File Archiver configured on your CommCell Console, then use the same credentials for all instances. If you plan to use different credentials, file server must have access to those credentials.

4. Navigate to *<Client>* | File Archiver| Celerra Instance | DefaultArchiveSet, point to All Task and select New Subclient.

- 5. In the **Subclient Name** box enter the subclient name.
 - In the **Proxy Stub Path** box **Browse** or enter the proxy path.
 - In the <code>HTTP/CIFS</code> Address box enter the <code>HTTP\CIFS</code> address.

- Click the **Content** tab.
 - Click **Add Path** and add the path of the folders on the filer that has files to be archived.
 - Click OK.

- 7. Click the **Rules** tab.
 - Select Enable All Rules.

- 8.
 - Click the Storage Device tab
 - Select Storage Policy
 - Click OK

Click Next > to continue. If you do not have Storage Policy created, click **Create Storage Policy**.

Extensionsh Descentions of an investor	
Subclient Properties of celeral 2	nervotion 1
General Content Rules Filters Pre/Post	Process
Client Name: doclocalvm	
Agent Type: File Archiver	
200client name: jpelera12	
Provy Ship Path C:\cifs celerra Browse	
	_
hit P/CIP5 Address [CIP5:((pavo5.cestab.xyz.com(pavo5_cele	rra
NAS HTTP POR No. 5080	
Description	
OK Cancel	Help
Subclient Properties of	×
Pre/Post Process Storage Device Security Activity Control	Encryption
General Content Rules	Filters
Contents of subclient:	
\\pavo3\testlab\pavo3_celerra	Delata
	Delece
	Add Paths
,	
·	
OK Cancel	Help
Subclient Properties of celera12	×
Subclient Properties of celera 12 Storage Device Scurity 1, Activity Control	ncryption
Subclient Properties of celera12 Storage Device Security Activity Control General Content Rules Filters Pro/Post	ncryption Process
Subclient Properties of celera12 Storage Device Security Activity Control E General Content Rules Filters Pre/Post I Filter Rules Stub Rule Stub Rule Filters Pre/Post I	Process
Subclient Properties of cclera12 Storage Device Security Activity Control E General Content Rules Filters Pre/Post I File Rule Stub Rule Filters Pre/Post I Intrivining Rules Filters Pre/Post I	ncryption Process
Subclient Properties of celeral 2 Storage Device Security General Content Rules Filters Pre/Post	Acception Process
Subclient Properties of celeral 2 Storage Device Security Activity Control General Content Rules Filters Pre/Post I Filte Rule Stub Rule Arrhvinn Rules Filters Pre/Post I Arrhvinn Rules Filters Independent Rules Filters Arrhvinn Rules	X noryption Process
Subclient Properties of celera12 Storage Device Security Activity Control General Content Rules File Rule Stub Rule Archive files based on these rules Archive file access time older than	ncryption Process
Subclient Properties of celeral 2 Storage Device Security General Content Rules Filters Pre/Post File Rule Stub Rule Archive file soes time older than 90 - 90	A noryption Process
Subclient Properties of celera12 Storage Device Security Activity Control General Content Rules Filters Pre/Post Filte Rule Stub Rule Filters Pre/Post Arrhvinn Rules Filters Pre/Post Archive files based on these rules Archive file access time older than 90 ± D Archive file modified time older than 90 ± D D	ays ays
Subclient Properties of celera12 Storage Device Security Activity Control File General Content Rules Filters Pre/Post I File Rule Stub Rule Filters Pre/Post I Arthvinn Rule Filters Pre/Post I Archive files based on these rules Archive file access time older than 90 - D Archive file modified time older than 90 - D D Archive file if the file size is greater than 1 - K K	ays ays a
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post File Rule Storage Device Archive File based on these rules Archive file based on these rules Archive file modified time older than 90 ± Archive file size is greater than 1 ± Maximum file size	ays a
Subclient Properties of celera12 Storage Device Security I Activity Control General Content Rules Filters Pre/Post I Filte Rule] Stub Rule Filters Pre/Post I Archive files based on these rules Image: Stub Rule Image: Stub Rule Archive file based on these rules Image: Stub Rule Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Archive file modified time older than 90 ± Image: Stub Rule Maximum file size 0 ± K	ays B B
Subclient Properties of celera 12 Storage Device Security Activity Control General Content Rules Filters Pre/Post File Rules Stub Rule Archive file rules Archive file stased on these rules Archive file modified time older than 90 ± D Archive file modified time older than 90 ± D Archive file modified time older than 90 ± D Archive file modified time older than 90 ± D Archive file modified time older than 90 ± D Archive file state 0 ± Kit Maximum file size 0 ± Kit	ays B B
Subclient Properties of celera 12 Storage Device Security General Content Rules Filters Pre/Post I FilterBule Stub Rule Arrhiving Rules Filters Archive files based on these rules Archive file modified time older than 90 ± Archive file if the file size is greater than 1 ± Maximum file size 0 ± Maximum file size 0 ± Kill Maximum files	ays a 3
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post	ncrypton Process ays ays 3 3
Subclient Properties of celera 12 Storage Device Security General Content Rules Filters Pre/Post File Rules Stub Rule Archive files based on these rules Archive file modified time older than 90 ± Archive file modified time older than 90 ± Archive file modified time older than 90 ± Maximum file size 0 ± Maximum file size 0 ± Archive file 0 ± Maximum file size 0 ± C Migrate Read-Only files Archive if: C C 0 the file selection rules are satisfied	ays ays ays a
Subclient Properties of celera 12 Storage Device Security General Content Rules Filters Pre/Post File Rule Stub Rule Archive file based on these rules Archive file access time older than 90 ± Archive file modified time older than 90 ± Archive file file size is greater than 1 ± Maximum file size 0 ± Maximum file size 0 ± Maximum file size 0 ± Maximum file seed-Only files Archive if: Charping the file selection rules are satisfied G All of the file selection rules are satisfied	aryoton Process ays ays 3 3
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post Archive files based on these rules Archive file modified time older than 90 ± Archive file if the file size is greater than 1 ± Maximum file size 0 ± Kile Maximum file size 0 ± Kile File Rule Read-Only files Archive if: C Any of the file selection rules are satisfied If All of the file selection rules are satisfied	avs ays ays ays ays ays ays ays
Subclient Properties of celerol2 Storage Device Security General Content Rules Filters Pre/Post File Rules Stub Rule Archive file rules Archive files based on these rules Archive file modified time older than 90 ± Archive file fibe file size is greater than 1 ± Maximum file size 0 ± Migrate Read-Only files Archive if: C And the file selection rules are satisfied OK	Aryption Process ays ays 3 3 Help
Subclient Properties of celera 12 Storage Device Security General Content Rules Filters Pre/Post File Rule Stub Rule Archive file based on these rules Archive file if the file size is greater than Image: Second S	ays ays a help
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post File Rule Thioms Dues Archive files based on these rules Archive file access time older than 90 ± Archive file if the file size is greater than 1 ± Maximum file size 0 ± Maximum file size 0 ± Archive file Maximum file size 0 ± Kill Maximum file size 0 ± Kill Chrive if: Concel OK Cancel	Arrocess Arroce
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post File Rules Stub Rule Archive files based on these rules Archive file access time older than 90 ± Archive file modified time older than 90 ± Archive file in the file size is greater than 1 ± Maximum file size 0 ± Maximu	Aryption Process ays ays ays ays ays b b Help Tecess
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post File Rule Stub Rule Archive file stade on these rules Archive file stade on these rules Archive file modified time older than 90 ± Archive file state is greater than Image the Read-Only files Archive file Charge the file selection rules are satisfied Image the	ary policy process ays ays ays ays ays ays ays a
Subclient Properties of celera 12 Storage Device Security Activity Control File Rule Stub Rule Filters Pre/Post Pre/Post Filters Pre/Post Archive file sbaed on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file access time older than 90 ± D Archive file access time older than 90 ± D D Archive file access time older than 90 ± D Archive file if the file size is greater than 1 ± Ki Maximum file size 0 ± Ki Image: Starbard Read-Only files Archive if: C C Any of the file selection rules are satisfied Image: Content OK Cancel OK Cancel Subclient Properties of celeral 2 Determine Pre/Post Carreage Device Security Activity Control Post Storage Device Security Activity Control Image: Control	Arronton Process ays ays ays a a a b Help Mercy of for
Subclient Properties of celerol 2 Storage Device Security General Content Rules Filters Pre/Post Filte Rule Filters Archive file stass do n these rules Archive file access time older than 90 ± Archive file modified time older than 90 ± Archive file modified time older than 90 ± Archive file modified time older than 90 ± Maximum file size 0 ± Maximum file size 0 ± Magate Read-Only files Archive if: Archive if: Archive if: Archive if: OK Cancel Subclient Properties of celerol 12 General Content Properties Date Storage Policy: Date Transfer Option Deduplication Storage Policy: Date Transfer Option Deduplication	Aryption Process ays ays ays ays ays a ays a ays ays a
Subclient Properties of celera 12 Storage Device Security General Content Rules Filters Pre/Post File Rule Stub Rule Archive file based on these rules Archive file access time older than 90 ± Archive file modified time older than 90 ± Archive file modified time older than 90 ± Archive file state is greater than 1 ± Maximum file size Maximum file size Maximum file size Maximum file selection rules are satisfied C Archive file Storage Device Security Activity control E CK Cancel	Any of the second secon
Subclient Properties of celeral2 Storage Device Security General Content Rules Filters Pre/Post File Rule Storage Device Archive file stade on these rules Archive file access time older than 90 Maximum file size 0 Archive file Image Read-Only files Image Read-Only files Archive file Image Read-Only files Archive file	Arrontion Process ays ays ays ays ays ays ays ays ays a
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rules Stub Rule Archive file access time older than Ø gradue Archive file modified time older than Ø gradue Archive file decess time older than Ø gradue Archive file modified time older than Ø gradue Ø gradue <t< td=""><td>Aryption Process ays ays ays ays ays a ays a ays a ays a ays a ays ays</td></t<>	Aryption Process ays ays ays ays ays a ays a ays a ays a ays a ays ays
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rule Sub Rule Archive file stade on these rules Archive file stade on these rules Archive file modified time older than 90 ± Archive file modified time older than 90 ± Archive file file file size is greater than 1 ± Maximum file size Maximum file size Maximum file size Maximum file size Magate Read-Only files Archive file Archive file selection rules are satisfied © All of the file selection rules are satisfied OK Cancel Subclient Properties of celerol 12 General Content Storage Delicy Data Transfer Option Storage Policy: Data Storage Policy: Image: Storage Policy: N/A Create Storage Policy: N/A	Anny Lon Process ays ays ays ays a 3 3 3 2 Process Process Process Process Process Process Process
Subclient Properties of celeral2 General Content File Rule Storage Device Seeneral Content Rules Filters Pre/Post File Rule Storage Device Pre/Post File Rule Archive file based on these rules Archive file access time older than 90 Archive file modified time older than 90 Archive file access time older than 90 Archive file access time older than 90 Archive file access time older than 90 Maximum file size 0 Migate Read-Only files Archive file Chi file file selection rules are satisfied © All of the file selection rules are satisfied © Storage Device Security Activity Control Storage Policy Data Data Storage Policy: Data Theremental Storage Policy N/A Create Storage Policy Data	Annovation Process ays ays ays ays ays ays ays ays ays a
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rules Stub Rule Archive file access time older than O'	Anny Alexandree Alexan
Subclient Properties of celera 12 General Content Rules Filters Pre/Post File Rule Sub Rule Filters Pre/Post Archive file based on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file modified time older than 90 ± D Archive file access time older than 90 ± D C C D Archive file access time older than 90 ± D C C C Maximum file size 0 ± 0 ± K C C C Maximum file size 0 ± K C C K C C Archive file Archive file C Archive file C K C C C Content Content C C C C C C C C C C C C C C C C C C	Anny Lon Process ays ays a 3 3 3 3 4 Process recyption Process recyption
Subclent Properties of celeral2 General Content File Rule Filters Pre/Post File Rule File Rule Archive file based on these rules Archive file access time older than 90 ± Archive file based on these rules Archive file based on these rules Archive file access time older than 90 ± Maximum file size 0 ± Maximum file size 0 ± Miggate Read-Only files Archive file Archive file Miggate Read-Only files Archive file OK Cancel OK Storage Device Security Activity Control E Storage Policy Date Transfer Option Date Storage Policy: Date Transfer Option Create Storage Policy N/A Date I Date I	Annyalion Process ays ays ays ays ays ays ays ays ays a
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rules Stub Rule Filters Pre/Post Archive file access time older than 90 ± D Archive file modified time older than 90 ± D Archive file daccess time older than 90 ± D Archive file modified time older than 90 ± D Archive file file size is greater than 1 ± K Maximum file size 0 ± K Maximum file size 0 ± K Archive file file selection rules are satisfied K K Magate Read-Only files Archive file K Archive file C K Cancel Subclient Properties of celerol 2 Cancel Cancel Subclient Properties of celerol 2 Detemploation Cancel Storage Device Scorage Device Maximum file size Cancel Date Storage Device Centerol Cancel Cancel Tocorage Device Scorage Device Maximum file Cancel Date Storage Policy: Date	Anny Alexandree Alexan
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rule Sub Rule Filters Pre/Post Archive file based on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file modified time older than 90 ± D Marking file access time older than 90 ± D Kite 0 ± Kite Marking file access time older than 90 ± D Kite 0 ± Kite Marking file access time older than 90 ± D Kite Kite Kite Marking file access time older than 90 ± Kite Kite Kite Kite Marking file selection rules are satisfied © Archive file Cancel Storage Policy E Storage Policy E E E E E E E E	Anny Lon Process ays ays a 3 3 3 4 Process recyption Process recyption
Subclent Properties of celeral2 General Content Rules Filters Pre/Post File Rule Stub Rule Filters Pre/Post Archive file based on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file modified time older than 90 ± D Archive file based on these rules Archive file access time older than 90 ± D Archive file access time older than 90 ± D C Archive file access time older than 90 ± D C Archive file access time older than 90 ± D C Maximum file size 0 ± Kit Kit Miggate Read-Only files Archive file C And the file selection rules are satisfied Cancel OK Cancel Cancel Storage Policy: E Storage Policy: Security Activity Control E E Storage Policy: Data Transfer Option Data Transfer Option Data Transfer Option Storage Policy: Increase Storage Policy: N/A Data Transfer Option	Annyalion Process ays ays ays ays ays ays ays ays ays a
Subclient Properties of celerol 2 General Content Rules Filters Pre/Post File Rules Sub Rule Filters Pre/Post Archive file subs Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Archive file subsed on these rules Archive file modified time older than Image: Sub Rule Image: Sub Rule Archive file modified time older than Image: Sub Rule Image: Sub Rule Image: Sub Rule Archive file modified time older than Image: Sub Rule Image: Sub Rule Image: Sub Rule Maximum file size Image: Sub Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Maximum file size Image: Sub Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Maximum file size Image: Sub Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Maximum file size Image: Sub Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Subclient: Properties of celerol 2 Image: Sub Rule Image: Sub Rule Image: Sub Rule Image: Sub Rule Storage Policy: Image: Storage Policy: Image: Storage Policy Image: Storage Policy	Anny Alexandree Alexan
Subclient Properties of celeral2 General Content Rules Filters Pre/Post File Rule Sub Rule Filters Pre/Post Archive file based on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file the file size is greater than 1 ± Kit Maximum file size 0 ± Kit Maximum file size 0 ± Kit Maximum file size 0 ± Kit Maximum file size 0 ± Kit Archive file Archive file 0 ± Kit Kit Kit Archive file C Archive file Kit Kit Kit Archive file C Archive file Kit Cancel Kit Storage Device Activity Control E E E E E Date Storage Policy Acta Transf	ays ays ays ays a ays a a a b e control of the second approximation control of the second control of the secon
Subclient Properties of celeral2 General Content Rules Filters Pre/Post File Rule Sub Rule Filters Pre/Post Archive file based on these rules Archive file access time older than 90 ± D Archive file based on these rules Archive file modified time older than 90 ± D Archive file access time older than 90 ± D Archive file access time older than 90 ± D Archive file access time older than 90 ± D Archive file access time older than 90 ± D Maximum file size 0 ± Kile Maximum file size 0 ± Kile Migate Read-Only files Archive file Archive file OK Cancel Subclient Properties of celeral2 OK Cancel Cancel Subclient Properties of celeral2 Exercise Policy Data Transfer Option Deduplication Storage Policy: Image Policy Data Transfer Option Data Transfer Option Data Transfer Option Storage Policy: Image Policy Image Policy Data Transfer Option Data Transfer Option Crease Storage Policy <td>Annyalion Process ays ays ays ays ays ays ays ays ays a</td>	Annyalion Process ays ays ays ays ays ays ays ays ays a

9.

1. Click Create Storage Policy.

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

- $\circ~$ Select ${\tt No}~$ 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.
- $\circ~$ Select ${\tt Yes}$ 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.
- $\circ\;$ Review the details and click Finish to create the Storage Policy. The primary copy is also created.



Getting Started - Celerra File Archiver Agent Migration Archiving

< Previous Next >

WHAT GETS ARCHIVED	WHAT DOES NOT GET ARCHIVED
Files on the Celerra file server	Encrypted Files
	Files with extensions *.dll, *.bat, *.exe, *.cur, *.ico, and *.lnk
	Sparse or Read Only Files
	Files with names longer than 242 bytes.
	Hidden Files

PERFORM AN ARCHIVE

After configuring a subclient and a storage policy, you are ready to perform your first archive. The following section provides step-by-step instructions for performing your first archive:

- From the CommCell Console, navigate to Client Computers | File Archiver | <Instance_name> | defaultArchiveSet.
 - Right-click the **Subclient** in the right-pane and click **Archive**.
- 2. Select **Immediate** to run the job immediately.
 - Click OK.

- **3.** You can track the progress of the job from the **Job Controller** window of the CommCell console.
- 4. Once the archive process is completed, files that meet the stubbing rules are stubbed.
 - **Stubs** are placeholders of the original data after it has been migrated to the secondary storage.
 - Stubs replace the archived files in the location of the file.
 - After stubbing, the size of the files on the disk reduces.
- Once job is complete, view the details of job from the Archive Job History. Rightclick the subclient and select View Archived History.
 - Click OK.

• You can view a list of the files archived during the archive job.





. 🗆 🗙

- Right-click the job.
- Click View Stub File List.



Getting Started - Celerra File Archiver Agent Recover Data

< Previous Next >

PERFORM A DATA RECOVERY

1.

It is recommended that you perform a recovery operation of an archived file after your first archive operation to understand the process. Follow the steps given below to perform a restore of a file or multiple files:

- Navigate to the folder with the stubs by mapping a network drive to the share or through the UNC path.
 - Perform an action that executes an open and read on an archived file to initiate the recovery operation.



- You can track the progress of the job from the Job Controller window of the CommCell console.
 - Multiple stub recoveries are submitted to the Job Controller as one job called a *Persistent Recovery* job.
- Once job is complete, view the details of job from the **Recover History**.
 - Right-click the **ArchiveSet** and select **View | Recovery History**.
 - Click OK.



- 4. Right-click the job and select View Job Details.
 - After recovery, stubs are replaced by files in the location specified.
- If the subclient is configured to create stubs, by choosing the option Replace the File with a Stub, files that qualify the archiving rule will get stubbed. You can restore stubs following the same steps listed above (step 1 - step 4).