

Dell System E-Support Tool (DSET) Version 3.3
Reportable Items For Windows Operating Systems
Reference Guide



Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

© 2012 Dell Inc.

Trademarks used in this text: Dell™, the Dell logo, Dell Boomi™, Dell Precision™, OptiPlex™, Latitude™, PowerEdge™, PowerVault™, PowerConnect™, OpenManage™, EqualLogic™, Compellent™, KACE™, FlexAddress™, Force10™ and Vostro™ are trademarks of Dell Inc. Intel®, Pentium®, Xeon®, Core® and Celeron® are registered trademarks of Intel Corporation in the U.S. and other countries. AMD® is a registered trademark and AMD Opteron™, AMD Phenom™ and AMD Sempron™ are trademarks of Advanced Micro Devices, Inc. Microsoft®, Windows®, Windows Server®, Internet Explorer®, MS-DOS®, Windows Vista® and Active Directory® are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Red Hat® and Red Hat® Enterprise Linux® are registered trademarks of Red Hat, Inc. in the United States and/or other countries. Novell® and SUSE® are registered trademarks of Novell Inc. in the United States and other countries. Oracle® is a registered trademark of Oracle Corporation and/or its affiliates. Citrix®, Xen®, XenServer® and XenMotion® are either registered trademarks or trademarks of Citrix Systems, Inc. in the United States and/or other countries. VMware®, Virtual SMP®, vMotion®, vCenter® and vSphere® are registered trademarks or trademarks of VMware, Inc. in the United States or other countries. IBM® is a registered trademark of International Business Machines Corporation.

2012 - 09

Rev. A00

Contents

Notes, Cautions, and Warnings.....	2
1 Introduction.....	5
2 System Items List.....	7
3 Storage Items List.....	21
4 Software Items List.....	27
5 Log Files List.....	35

Introduction

The reportable items document includes all the data types supported by DSET and displayed in the DSET Report. The following table provides the number of items collected for Windows operating systems and the total number of items:

Table 1. : Summary Of Reportable Items

Category	Number Of Items Collected	Total
System Items List	264 unique items collected	746 reported items (varies by system)
Storage Items List	160 unique items collected	
Software Items List	298 unique items collected	
Log Files List	100 log files collected (if available)	100 Log files collected



NOTE: Many unique data elements are not listed here.



NOTE: The list also includes other configuration or log files that may be collected but can be viewed only by navigating to the zip archived contents in the DSET report.

System Items List

The system items list includes the following:

- Main System Chassis
- Chassis
- BIOS
- Batteries
- Processors Information
- Fans Probes Information
- Firmware
- Front Panel Information
- System Components (FRU) Information
- Intrusion Information
- Memory
- Network Interfaces Information
- Ports Information
- Power Supplies
- Remote Access Information
- Slots
- Temperature Probes Information
- Voltage Probes Information
- Auto Recovery
- Embedded System Management (ESM) Logs
- PCI Devices
- Network
- Removable Flash Media Information
- Slot PCI5 Information
- Hardware Performance
- Power Consumption Information

Table 2 : System Category and Attributes

Category	Attributes
Main System Chassis	<ul style="list-style-type: none"> • Chassis Model • Chassis Service Tag • Express Service Code • Chassis Lock • Chassis Asset Tag • Server Module Asset Tag

Category	Attributes
	<ul style="list-style-type: none"> • Server Module Service Tag • Server Module Express Code • Server Module Location • Processor Manufacturer • Processor Family • Processor Version • Current Speed • Maximum Speed • External Clock Speed • Voltage • Total Installed Capacity • Memory Available to the OS • Total Maximum Capacity • Memory Array Count • Location • Use • Installed Capacity • Maximum Capacity • Slots Available • Slots Used • ECC Type • Manufacturer • Version • Release Date • Network Interface • IP Address • Subnet Mask • Default Gateway • MAC Address • Name • Version • Host Name • System Location
Chassis	<ul style="list-style-type: none"> • Index • Chassis Name • Host Name • BMC Version • DRAC 5 Version • iDRAC6 Version • iDRAC7 Version • Lifecycle Controller Version • Lifecycle Controller 2 Version • Chassis Model • Chassis Lock

Category	Attributes
	<ul style="list-style-type: none"> • Chassis Service Tag • Chassis Asset Tag • Flash Chassis Identify LED state • Flash Chassis Identify LED timeout value
BIOS	<ul style="list-style-type: none"> • BIOS Information <ul style="list-style-type: none"> – Manufacturer – Version – Release Date • BIOS Setup <ul style="list-style-type: none"> – General <ul style="list-style-type: none"> * Attribute * Num Lock * Diskette * NIC * NIC 1 * NIC 2 * Dual NIC (1/2) * Dual NIC (3/4) * IDE * User Accessible USB Ports * Processor Virtualization Technology * Processor Logical Processor (HyperThreading) * Logical Processor * Number of Cores per Processor * AC Power Recovery Mode * Execute Disable * Embedded SATA Controller * Embedded Video Controller * SATA Port 0 * SATA Port 1 * SATA Port 2 * SATA Port 3 * Port A * Port B * Port C * Port D * Port E * Demand Based Power Management * TPM Security

Category	Attributes
	<ul style="list-style-type: none"> * Internal USB Port * Integrated Network Card 1 * OS Watchdog Timer * Turbo Boost * Node Interleaving * Processor Execute Disable * Processor CMP * Boot Mode * Processor C State Control * Processor C1-E * Keyboard NumLock – Serial Communications <ul style="list-style-type: none"> * Attribute * Serial Communications * Serial Port Address * Console Redirection After Boot * External Serial connector * Console Redirection Failsafe Baud Rate * Serial Address Select

Batteries

Individual Battery Elements

- Status
- Probe Name
- Reading

Processors Information

- Status
- Connector Name
- Processor Brand
- Processor Version
- Current Speed
- State
- Core Count

Fans Probes Information

- Fan Redundancy
 - Attribute
 - Redundancy Status
- Probe List
 - Status
 - Probe Name
 - Reading
 - Minimum Warning Threshold

Category	Attributes
Firmware	<ul style="list-style-type: none"> - Maximum Warning Threshold - Minimum Failure Threshold - Maximum Failure Threshold <ul style="list-style-type: none"> • Baseboard Management Controller version • Remote Access Controller firmware version • iDRAC6 • Lifecycle Controller • Integrated Dell Remote Access Controller • PERC H310 Mini • BP12G+ 0:1 • QLogic CNA 10 Gigabit Ethernet QMD8262 • QLogic CNA 10 Gigabit Ethernet QMD8262 • BIOS • Dell Lifecycle Controller 2 • Enterprise UEFI Diagnostics • Dell OS Drivers Pack • System CPLD • MD 1220 0:0 • PERC 710 • PERC 710p • PERC H810 • Broadcom Gigabit Ethernet BCM 5720
Front Panel Information	LCD Line 1
System Components (FRU) Information	<ul style="list-style-type: none"> • System Planar (BMC) • System Planar (iDRAC6) • System Planar (iDRAC7) • System Planar (System Board) • Remote Access Controller (DRAC 5) • SAS Controller Daughter Card (Storage) • Power Supply 1 (PS 1) • Power Supply 2 (PS 2) • Primary Backplane (Storage) • DIMM1 • DIMM2 • DIMM3 • DIMM4 • DIMMA1 • DIMMA2 • DIMMA3 • DIMMA4 • DIMM_A5 • DIMMB1

Category	Attributes
Intrusion Information	<ul style="list-style-type: none"> • DIMMB2 • DIMM_B4 • DIMM_B5 • DIMMC1 • DIMMC2 • DIMMC3 • DIMMC4 • Disk Drive Bay (BP) • Add-in Card (NDC) • Add-in Card (MEZB) • Add-in Card (PERC1) • Add-in Card (IDSDM)
Memory	<ul style="list-style-type: none"> • Status • Probe Name • State <ul style="list-style-type: none"> • Fail Over State • Redundancy Configuration • Attributes of Memory Array(s) <ul style="list-style-type: none"> – Location – Use – Installed Capacity – Maximum Capacity – Slots Available – Slots Used – ECC Type • Total of Memory Array(s) <ul style="list-style-type: none"> – Total Installed Capacity – Total Installed Capacity Available to the OS – Total Maximum Capacity • Details of Memory Array <ul style="list-style-type: none"> – Status – Connector Name – Type – Size – Device Name – Speed – Failures
Network Interfaces Information	<ul style="list-style-type: none"> • Interface Name • Vendor • Description

Category	Attributes
	<ul style="list-style-type: none"> • Connection Status • Slot • Physical Interface <ul style="list-style-type: none"> – Description – Vendor – Slot Name – Current MAC Address – Duplex – Base I/O Address – Base Memory Address – IRQ – DMA – Link Status – Connection Status – Driver Name – Driver Version – Firmware Version • Interface <ul style="list-style-type: none"> – Description – Type – Operational Status – Administrative Status – Maximum Transmission Unit – Speed Not Available • Physical Interface Receive Statistics <ul style="list-style-type: none"> – Alignment Errors – FCS Errors – Frames Too Long • Physical Interface Transmit Statistics <ul style="list-style-type: none"> – Single Collision Frames – Multiple Collision Frames – Deferred Transmits – Collisions – Late Collisions – Excessive Collisions – Carrier Sense Errors • Interface Receive Statistics <ul style="list-style-type: none"> – Bytes – Total Packets – Unicast Packets – Multicast Packets – Broadcast Packets

Category	Attributes
	<ul style="list-style-type: none"> - Discarded Packets - Error Packets • Interface Transmit Statistics <ul style="list-style-type: none"> - Bytes - Total Packets - Unicast Packets - Discarded Packets - Error Packets
Ports Information	<ul style="list-style-type: none"> • Port Type • External Name • Base I/O Addr • IRQ Lvl • Connector Type • Maximum Speed
Power Supplies	<ul style="list-style-type: none"> • MainSystemChassis Power Supplies • Power Supply Redundancy • Redundancy Status <ul style="list-style-type: none"> - Status - Location - Type - Rated Input Wattage - Maximum Output Wattage - Firmware Version - Online Status - Power Monitoring Capable
Remote Access Information	<ul style="list-style-type: none"> • Remote Access Device <ul style="list-style-type: none"> - Device Type - IPMI Version - System GUID - Number of Possible Active Sessions - Number of Current Active Sessions - Enable IPMI Over LAN - SOL Enabled - MAC Address - Enable VLAN ID - VLAN ID - Priority • IPv4 Address <ul style="list-style-type: none"> - IP Address Source

Category	Attributes
	<ul style="list-style-type: none"> – IP Address – IP Subnet – IP Gateway • IPv6 Address <ul style="list-style-type: none"> – IP Address Source – IPv6 Address 1 – Default Gateway – IPv6 Address 2 – Link Local Address – DNS Address Source – Preferred DNS Server – Alternate DNS Server • NIC Configuration <ul style="list-style-type: none"> – Channel Number – NIC Selection • Serial Port Configuration <ul style="list-style-type: none"> – Channel Number – Connection Mode Setting – Baud Rate – Flow Control – Channel Privilege Level Limit – Serial Port Configuration – Line Editing – Delete Control – Echo Control – Handshaking Control – New Line Sequence – Input New Line Sequence • Serial Over LAN Configuration <ul style="list-style-type: none"> – Channel Number – Baud Rate – Minimum privileges required – Serial Over LAN Configuration – Retry Count – Retry Interval – Character Accumulate Interval – Character Send Threshold • DRAC <ul style="list-style-type: none"> – Product – Description – Version – IP Address

Category	Attributes
	<ul style="list-style-type: none"> - IP Subnet - IP Gateway
Slots	<ul style="list-style-type: none"> • PCI Bus Hierarchy • Slot ID (Physical Location) • PCI Device Description • PCI Type and Speed • PCI Data BusWidth • PCI Slot Length • Hot Plug Capable • Power Management Enabled
Temperature Probes Information	<p>Main System Temperatures</p> <ul style="list-style-type: none"> • Status • Probe Name • Reading • Minimum Warning Threshold • Maximum Warning Threshold • Minimum Failure Threshold • Maximum Failure Threshold
Voltage Probes Information	<ul style="list-style-type: none"> • Status • Probe Name • Reading • Minimum Warning Threshold • Maximum Warning Threshold • Minimum Failure Threshold • Maximum Failure Threshold
Auto Recovery	<ul style="list-style-type: none"> • Action on hung Operating System • System Reset Timer
Embedded System Management (ESM) Logs	<ul style="list-style-type: none"> • Severity • Date and Time • Description • Raw SEL data
PCI Devices	<ul style="list-style-type: none"> • Slot ID (Location) • Adapter • Data Bus Width • PCI Device Detail <ul style="list-style-type: none"> - ID - Type

Category	Attributes
	<ul style="list-style-type: none"> - Slot Length - Speed - Category - Hot Plug Capable - Voltage Supply - Shared Slot - PC Card-16 - Card Bus - Zoom Video - Modem Ring Resume - Power Management Enable (PME#) Signal - Adapter Manufacturer - Adapter Description - Adapter Data Bus Width - Adapter Speed
Network	<ul style="list-style-type: none"> • Total Number of Network Cards • NIC Info • IP Address • Vendor • Description • Connection Status • Team Interfaces
Removable Flash Media Information	<ul style="list-style-type: none"> • Internal SD Module Status <ul style="list-style-type: none"> - Status - Connector Name - State - Storage Size • vFlash Media Details <ul style="list-style-type: none"> - Connector Name - Type - State - Available Size - Storage Size
Slot PCI5 Information	<ul style="list-style-type: none"> • ID • Type • Slot Length • Speed • Category • Hot Plug Capable • Voltage Supply • Shared Slot

Category	Attributes
Hardware Performance	<ul style="list-style-type: none"> • PC Card-16 • Card Bus • Zoom Video • Modem Ring Resume • Power Management Enable (PME#) Signal • Adapter Data Bus Width
Hardware Performance	<ul style="list-style-type: none"> • Probe Name • Status • Cause
Power Consumption Information	<ul style="list-style-type: none"> • Power Consumption <ul style="list-style-type: none"> – Status – Probe Name <ul style="list-style-type: none"> * System Board System Level * System Board Pwr Consumption – Reading – Warning Threshold – Failure Threshold • Amperage <ul style="list-style-type: none"> – Location <ul style="list-style-type: none"> * PS 1 Current – Reading • Power Headroom <ul style="list-style-type: none"> – System Instantaneous Headroom – System Peak Headroom • Power Tracking Statistics <ul style="list-style-type: none"> – Statistic <ul style="list-style-type: none"> * Energy Consumption * System Peak Power * System Peak Amperage Energy Consumption <ul style="list-style-type: none"> – Measurement Start Time – Measurement Finish Time – Reading – Peak Time – Peak Reading • Power Inventory <ul style="list-style-type: none"> – System Idle Power – System Maximum Potential Power • Power Budget

Category	Attributes
----------	------------

- Enable Power Cap
- Power Cap
- Power Profiles
 - Maximum Performance
 - Active Power Controller
 - OS Control
 - Custom

Storage Items List

The storage items list includes the following:

- Controllers Information
- Battery
- Enclosures
- Array Disks
- Virtual Disks
- IDE Controller
- Channel
- Physical Disks (Non-RAID)
- Enclosure Details
- Tape
- SATA
- Fibre Channel HBA
- iSCSI


Table 3. : Storage Category and Attributes

Category	Attributes
Controllers Information	<ul style="list-style-type: none"> • ID • Name • State • Firmware Version • Minimum Required Firmware Version • Driver Version • Minimum Required Driver Version • Storport Driver Version • Number of Connectors • Rebuild Rate • BGI Rate • Check consistency Rate • Reconstruct Rate • Security Capable • Security Key Present • Alarm State • SCSI Initiator ID • Cache Memory Size • Patrol Read Mode • Patrol Read State

Category	Attributes
Battery	<ul style="list-style-type: none"> • Patrol Read Rate • Patrol Read Iterations • Abort Check Consistency on Error • Allow Revertible Hot Spare and Replace Member • Load Balance • Auto Replace Member on Predictive Failure • Cluster Mode • Persistent Hot Spare • Connector Type • Termination • SCSI Rate • Spin Down Unconfigured Drives • Spin Down Hot Spares • Spin Down Configured Drives • Automatic Disk Power Saving (Idle C)
Enclosures	<ul style="list-style-type: none"> • Status • Name • State • Recharge Count • Max Recharge Count • Predicted Capacity Status • Learn State • Next Learn Time • Maximum Learn Delay • Learn Mode <ul style="list-style-type: none"> • ID • Status • Name • State • Connector • Target ID • Configuration • Firmware Version • Service Tag • Express Service Code • Asset Tag • Asset Name • Backplane Part Number • Split Bus Part Number • Enclosure Part Number • SAS Address • SCSI Rate

Category	Attributes
Array Disks	<ul style="list-style-type: none"> • Enclosure Alarm • Status • Power Status • Name • State • Failure Predicted • Certified • Encryption Capable • Secured • Progress • Bus Protocol • Media • Mirror Set ID • Capacity • Used RAID Disk Space • Available RAID Disk Space • Hot Spare • Vendor ID • Product ID • Revision • Serial No. • Part Number • Negotiated Speed • Capable Speed • Manufacture Day • Manufacture Week • Manufacture Year • SAS Address
Virtual Disks	<ul style="list-style-type: none"> • Status • Name • State • Progress • Layout • Size • Device Name • Bus Protocol • Media • Read Policy • Write Policy • Stripe Element Size • Disk Cache Policy
IDE Controller	<ul style="list-style-type: none"> • Name

Category	Attributes
	<ul style="list-style-type: none"> • Status • Firmware Version • Device Descriptor • Description • Device location • Parent location • Manufacturer • Serial No. • Model Number • Asset Tag • • Channels • CD/DVD/Floppy Drive Name • CD/DVD/Floppy Drive Firmware • CD/DVD/Floppy Drive Location on PCI Bus
Channel	<ul style="list-style-type: none"> • Status • Name • State • Connector Type • Termination • SCSI Rate
Physical Disks (Non-RAID)	<ul style="list-style-type: none"> • Status • Disk Channel • SCSI ID • LUN • Drive Vendor/Product ID • Drive Firmware Rev • Drive Signature
Enclosure Details	<ul style="list-style-type: none"> • Enclosure Management Modules: <ul style="list-style-type: none"> – Status – Name – State – Part Number – Firmware Version – SCSI Rate • Fans: <ul style="list-style-type: none"> – Name – State – Part Number – Status

Category	Attributes
	<ul style="list-style-type: none"> – Speed • Power Supplies: <ul style="list-style-type: none"> – Name – State – Part Number • Temperature: <ul style="list-style-type: none"> – Status – Name – State – Reading – Minimum/Maximum Warning Threshold – Minimum/Maximum Critical Threshold
Tape	<ul style="list-style-type: none"> • Name • Status • Firmware • Device Descriptor • Device Location • Parent Location • Manufacturer • Serial Number • Model Number <p> NOTE: Other tape device specific information such as whether clean is required, power on hours etc.</p>
SATA	<ul style="list-style-type: none"> • Controller Status • Firmware • Device Location • Parent Location • Manufacturer • Channels • SATA Disk State • SATA Disk Capacity • SATA Disk Vendor ID • SATA Disk Product ID
Fibre Channel HBA	<ul style="list-style-type: none"> • HBA name • HBA model • Firmware • Driver • Type • Vendor • HBA port

Category	Attributes
iSCSI	<ul style="list-style-type: none"> • Initiator info • Targets list • Session <ul style="list-style-type: none"> – Session ID – Initiator Node Name – Target Node Name – Target Name – ISID – TSID – Connection Count • Connections <ul style="list-style-type: none"> – Connection ID – Initiator Portal – Target Portal – CID • Devices <ul style="list-style-type: none"> – Device Type – Device Number – Partition Number – Friendly Name – Device Description – Reported Mappings – Location – Initiator Name – Device Interface Name – Device Instance • Portals <ul style="list-style-type: none"> – Portal Address and Socket – Symbolic Name – Port Number

Software Items List

The software items list includes the following:

- OS Summary
- Internet Explorer
- Uptime Logs
- Resources
 - DMA
 - IRQ
 - Memory Allocations
 - IO Ranges
- Components
 - Display Information
 - Startup List
 - USB
 - Problem Devices
 - Network Adapter Information
 - Storage Information
- Environment
 - Environment Variables
 - Drivers
 - Processes
 - Installed Items
 - Service Information
 - Modules
 - Boot/Page Info
 - Registry Items
 - Kernel Dump
- Logs
 - Application Log
 - System Log
 - Dr. Watson
- Modem
- Operating System Startup Items
- OpenManage Components

Table 4. : Software Category and Attributes

Category	Attributes
OS Summary	<ul style="list-style-type: none"> • OS Name • Version • Other OS Description • OS Manufacturer • Activation Status • System Name • System Manufacturer • System Model • System Type • Processor • BIOS Version Date • SMBIOS Version • Windows Directory • System Directory • Boot Device • Locale • Hardware Abstraction Layer • User Name • Time Zone • OS Install Date • Total Physical Memory • Available Physical Memory • Total Virtual Memory • Available Virtual Memory • Page File Space • Page File
Internet Explorer	<ul style="list-style-type: none"> • Name • MkEnabled • Build • Version • Windows Version • IntegratedBrowser • AutoHide • Security Risk Page • Extensions Off Page • Default_Page_URL • Default_Search_URL • Search Page • Enable_Disk_Cache • Cache_Percent_of_Disk • Delete_Temp_Files_On_Exit • Local Page

Category	Attributes
	<ul style="list-style-type: none"> • Anchor_Visitation_Horizon • Use_Async_DNS • Placeholder_Width • Placeholder_Height • Default_Secondary_Page_URL • Start Page • Company Name • Custom_Key • Wizard_Version • FullScreen
Uptime Log	<ul style="list-style-type: none"> • Current System Uptime • Total Availability Percentage • Total Up Time • Total Down Time • Total Reboots • Total Blue Screens
Resources	<ul style="list-style-type: none"> • DMA <ul style="list-style-type: none"> – Channel – Device – Status • IRQ <ul style="list-style-type: none"> – IRQ – Device • Memory Allocations <ul style="list-style-type: none"> – Range – Device – Status • IO Ranges <ul style="list-style-type: none"> – Address_Range – Device – Status
Component	<ul style="list-style-type: none"> • Display Information <ul style="list-style-type: none"> – Program – PNP Device ID – Adapter Type – Adapter Description – Adapter RAM – Installed Drivers – Driver Version

Category	Attributes
	<ul style="list-style-type: none"> - INF File - Color Planes - Color Table Entries - Resolution - Bits/Pixel
	<ul style="list-style-type: none"> • Startup List <ul style="list-style-type: none"> - Program - Command - User Name - Location
	<ul style="list-style-type: none"> • USB <ul style="list-style-type: none"> - Name - PnP Device ID
	<ul style="list-style-type: none"> • Problem Devices <ul style="list-style-type: none"> - Device - Error Code
	<ul style="list-style-type: none"> • Network Adapter Information <ul style="list-style-type: none"> - Product Type - Installed - Last Reset - Index - DHCP Enabled - IP Enabled - PNP Device ID - Service Name - Adapter Type - MAC Address - DNS Server IP - DNS Domain - Driver Path - DHCP Server - DHCP Lease Expires - DHCP Lease Obtained - IP Address - IP Subnet - Default IP Gateway - Connectionless Service - Guarantees Delivery - Guarantees Sequencing - Minimum Address Size - Maximum Address Size

Category	Attributes
	<ul style="list-style-type: none"> - Maximum Message Size - Maximum Message Size - Message Oriented - Pseudo Stream Oriented - Supports Broadcasting - Supports Connect Data - Supports Disconnect Data - Supports Encryption - Supports ExpeditedData - Supports Graceful Closing - Supports Guaranteed Bandwidth - Supports Multicasting
	<ul style="list-style-type: none"> • Storage Information <ul style="list-style-type: none"> - Description - Compressed - File System - Size - Free Space - Volume Name - Volume Serial Number - Manufacturer - Provider Name Model - Bytes Per Sector - Media Loaded - Media Type - Partitions - SCSI Bus - SCSI Logical Unit - SCSI Port - SCSI TargetID - Sectors Per Track - Total Cylinders - Total Sectors - Total Tracks - Tracks Per Cylinder - PartitionDiskIndex - Partition - Partition Size - Partition Start - Bootable Partition - Partition Type
Environment	<ul style="list-style-type: none"> • Environment Variables <ul style="list-style-type: none"> - Variable

Category	Attributes
	<ul style="list-style-type: none"> - Variable Value - User Name - System Variable • Drivers <ul style="list-style-type: none"> - Internal Name - Description - File - Version - Type - Start - Status - Name - Company • Processes <ul style="list-style-type: none"> - Name - ID - Mem Usage - VM Size - Paged Pool - NP Pool - Page Faults - CPU Time - Priority - Threads - Handles - Started - Path - GDI Objects - User Objects - IO Reads - IO Writes - IO Other - Read bytes - Write bytes - Other bytes • Installed Items <ul style="list-style-type: none"> - Name - Version - InstallLocation - InstallSource - Install date - Publisher - URL Info About • Service Information

Category	Attributes
	<ul style="list-style-type: none"> - Display Name - Service Name - State - Start Mode - Service Type - Service Path - Error Control - Start Name • Modules <ul style="list-style-type: none"> - Internal Name - Version - Size - File Date Time - Manufacturer - Source Path • Boot/Page Info <ul style="list-style-type: none"> - Boot.ini Settings Pagefile <ul style="list-style-type: none"> * Path * Initial Size * Current Size * Max Size * Max Total Size • Registry Items <ul style="list-style-type: none"> - HKLM\SOFTWARE\Dell - HKLM\Software\Dell Computer Corporation - HKLM\Software\American Megatrends Inc. - HKLM\Software\Adaptec - HKLM\Software\ComputerAssociates - HKLM\SYSTEM\CurrentControlSet\Services\ql2200 - HKLM\SYSTEM\CurrentControlSet\Services\ql2200\Parameters - HKLM\SYSTEM\CurrentControlSet\Services\ql2x00_override\Parameters - HKLM\SYSTEM\CurrentControlSet\Services\qldirect\Parameters - HKLM\SYSTEM\CurrentControlSet\Services\qldirect_override\Parameters - HKLM\SYSTEM\CurrentControlSet\Services\SNMP\Parameters\ExtensionAgents - HKLM\Cluster - HKLM\SYSTEM\CurrentControlSet\Control\Class

Category	Attributes
Logs	<ul style="list-style-type: none"> - HKLM\SYSTEM\CurrentControlSet\Services - HKLM\SOFTWARE\Storage Consolidation • Kernel Dump <ul style="list-style-type: none"> - Dump Location - Minidump Location • Applications Log <ul style="list-style-type: none"> - Status - Type - Source - DateTime - Event ID - Message or Comment • System Log <ul style="list-style-type: none"> - Status - Type - Source - DateTime - Event ID - Message or Comment • Dr. Watson Log <ul style="list-style-type: none"> - Dump settings - Dump file location
Modem	Manufacturer
Operating System Startup Items	<ul style="list-style-type: none"> • Program • Command • Location • EXE/Registry Path • User Name
OpenManage Components	<ul style="list-style-type: none"> • OpenManage Suite Version • Name • Version

Log Files List

The log files list includes the following:

- Logs Gathered by Script/Tools
- OpenManage Server Administrator Configurations
- RAC3/4 Logs
- 23 IT Assitant 7/MSDE Configurations
- EMC PowerPath
- Netstat
- StorageC
- Windows Clustering
- Windows (Only for Windows 2008)
- Logs Gathered With Log.ini

Table 5. : Logs Category and List

Category	List
Logs Gathered by Script/Tools	<ul style="list-style-type: none"> • Netstat -e & netstat -r • Adaptec Controller Logs (from firmware) • LSI Controller Logs (from firmware)
OpenManage Server Administrator Configurations	<ul style="list-style-type: none"> • Alert Action • Alert Log • Cmdlog • Events • PE destinations • Platformevents • SNMP Envents • PDK inventory.xml
RAC3/4 Logs	<ul style="list-style-type: none"> • RACADM getsysinfo • RACADM getraclog • RACADM gettraceLog
23 IT Assitant 7/MSDE Configurations	<ul style="list-style-type: none"> • DCDBMNG Agent • DCDBMNG Applog • DCDBMNG Device • DCDBMNG DeviceGroup • DCDBMNG DeviceGroupHierarchy • DCDBMNG DiscoveryConfiguration

Category	List
	<ul style="list-style-type: none"> • DCDBMNG EventFilter • DCDBMNG EventFilterActionAssociation • DCDBMNG EventFilterCategoryAssociation • DCDBMNG EventFilterSourceAssociation • DCDBMNG EventStoredAction • DCDBMNG EventManager • DCDBMNG GlobalConfigurationView
EMC PowerPath	<ul style="list-style-type: none"> • POWERMT version • POWERMT check_registration • POWERMT display • POWERMT paths • POWERMT options
Netstat	netstatinfo
StorageC	<ul style="list-style-type: none"> • STORAGEEC stat • STORAGEEC showdl
Windows Clustering	<ul style="list-style-type: none"> • CLUSTER . res • CLUSTER . res /priv • CLUSTER . netint • CLUSTER . /quorum
Windows (Only for Windows 2008)	<ul style="list-style-type: none"> • Event Logs <ul style="list-style-type: none"> – ADSIDebug – Application – BitsclientAnalytic – BitsClientOperational – CAPI2Operational – CFRClientOperational – CFIServerOperational – CodeIntegrityOperational – CodeIntegrityVerbose – COMAnalytic – CredentialRoaminOperational – DateTimeControlPanelAnalytic – DateTimeControlPanelOperational – DCLocatorDebug – DiagnosisPLADebug – DiagnosticNetworkingDebug – DiagnosticNetworkingOperational – DPSAnalytic – DPSDebug

Category	List
	<ul style="list-style-type: none"> - DPSOperational - DriverframeworksUserModeOperational - DwgkrnlDiagnostic - EFSDebug EndpointMapper - EventCollectorDebug - EventCollectorOperational - EventLogAnalytic - EventLogDebug - EventLogForwardpluginDebug - EventLogWMIPProviderDebug - FileInfoMinifilterOperational - FirewallCPLDiagnostic - ForwardedEvents - ForwardingOperational - FunctionDiscoveryHostTracing - GroupPolicyOperational - HardwareEvents - HelpOperational - HttpServiceTrace - InternationalOperational - InternetExplorer - IPECSRVDiagnostic - KernelAcpiDiagnostic - KernelBootDiagnosticsDiagnostic - KernelPnDiagnostic - KernelPowerDiagnostic - KernelPrefetchDiagnostic - KernelProcessAnalytic - KernelProcessorPowerDiagnostic - KernelRegistryAnalytic - KernelWDIAalytic - KernelWDIDebug - KernelWDIOperational - KernelWHEA - KeyManagementService - LanguagePackAnalytic - LanguagePackSetupDebug - LDAPClientDebug - MPSCLNDiagnostic - MPSDRVDiagnostic - MPSSRVDiagnostic - MSDTDebug - MSDTOperational - MUIOperational

Category	List
	<ul style="list-style-type: none"> - NetworkAccessProtectionOperational - Offlinefilesanalytic - OfflineFilesDebug - OfflineFilesOperational - OfflineFilesSyncLog - PerfHostAnalytic - PLAOperational - PowerCFGDiagnostic - PowerCPLDiagnostic - PrintSpoolerAuxAnalytic - PrintSpoolerCoreAnalytic - PrintSpoolerCoreDebug - QoSpacerDebug - ReliabilityAnalysisComponentmetrics - RPCDebug - RPCEInfo - Security - SenseDebug - SecurWUSADebug - ServerManagerAnalytic - ServerManagerOperational - ServiceReportingApiDebug - ServicesDiagnostic - Setup ShellAuthUIDiagnostic - ShellAuthUIShutdownDiagnostic - ShellDefaultprogramsDiagnostic - Shellshwebsvc - System TaskSchedulerDebug - TaskSchedulerDiagnostic - TerminalDevicesPnDevicesAdmin - TerminalDevicesPnDevicesAnalytic - UACDiagnostic - WinlogonOperational - WinRMAAnalytic - WMIActivityTrace - WUSADebug

Logs Gathered With Log.ini

- General Windows Logs
 - %SYSTEMROOT%\ntbtlog.txt
 - %SYSTEMROOT%\setupapi.log
 - %SYSTEMROOT%\setuperr.log
 - %SYSTEMROOT%\setuplog.txt
- OMSA Configuration File
 - %DengPath%\ini*.ini

Category	List
	<ul style="list-style-type: none"> - %DisneyPath%\ini*.ini - %DisneyPath%\log*.* - %OMAPath%\ini*.ini - %SystemRoot%\dc*.log
	<ul style="list-style-type: none"> • OpenManage 3.x Installation Logs <ul style="list-style-type: none"> - %SystemDrive%\temp\ominstal.log - %SystemDrive%\temp\OMPROG - %SystemDrive%\temp\omstatus.log - %SystemDrive%\temp\DOMSA_SETUP.LOG - %SystemDrive%\temp\DOMSA_UNINSTALL.LOG - %SystemRoot%\ominstal.db - %SystemRoot%*.oil - %SystemDrive%\temp\denginstd.log - %SystemDrive%\temp\isvcinst.log - %SystemDrive%\temp\omclean.log - %SystemDrive%\temp\rac3.log
	<ul style="list-style-type: none"> • Dell Update Package Logs — %SystemDrive%\Dell\UpdatePackage\log\support*.*
	<ul style="list-style-type: none"> • OpenManage Remote Install Logs <ul style="list-style-type: none"> - %SystemDrive%\dell\openmanage\netstart\oem\jboss\log\server.log - %SystemDrive%\dell\openmanage\netstart\KickStart\KSDebug.txt - %SystemDrive%\dell\openmanage\netstart\ddhcp\ddhcp.log - %SystemDrive%\dell\openmanage\netstart\ddhcp\DDHCP.cfg - %SystemDrive%\dell\openmanage\netstart\StaticIP.txt - %OMmainPath%\ns\log\nsapi.log
	<ul style="list-style-type: none"> • OpenManage 4.x Installation Logs <ul style="list-style-type: none"> - %OMIpath%\MgmtST*.log - %OMIpath%\SysMgmt*.log - %OMIpath%*prereq*.* - %OMIpath%\msdeinstall.log
	<ul style="list-style-type: none"> • Dell Server Assistant CD Logs <ul style="list-style-type: none"> - %SystemDrive%\summary.htm - %SystemDrive%\unattend.txt - %SystemDrive%\txtsetup.oem - %SystemDrive%\Replication*.xml
	<ul style="list-style-type: none"> • Array Manager Logs <ul style="list-style-type: none"> - %AMpath%\VxSvc.log

Category	List
	<ul style="list-style-type: none"> - %AMpath%\VxsvcAlert.Log
	<ul style="list-style-type: none"> • Online Diagnostics Logs <ul style="list-style-type: none"> - %SystemDrive%\dell\diagnostics\log*.xml - %SystemDrive%\dell\diagnostics\log*.log
	<ul style="list-style-type: none"> • IT Assistant Configuration and Logs <ul style="list-style-type: none"> - %ITasstPath%\configuration\dconfig.ini - %SystemDrive%\msde_*.log - %SystemDrive%*.dcnetmon - %SystemDrive%*.dcappserver - %SystemRoot%\SQLHotFix*.* - %OMIpath%\Netfx.log - %OMIpath%\jsredistMSI.log - %OMIpath%\jsredistSetup.log - %SystemDrive%\temp\ITALog - %SystemDrive%\inetpub\mailroot\Queue*.* - %SystemDrive%\inetpub\mailroot\Drop*.* - %SystemDrive%\inetpub\mailroot\Pickup*.* - %DSETPath%\bin\ita\SQLtables*.txt - %ITasstPath%\bin*.exception - %SystemDrive%\temp\ITA*.* - %ITasstPath%\ITA_discovery_details.txt - %SystemDrive%*.connectionservice
	<ul style="list-style-type: none"> • Windows Cluster Logs <ul style="list-style-type: none"> - %SYSTEMROOT%\cluster*.log - %systemroot%\System32\Logfiles\Cluster\CICfgSrv.log - %systemroot%\Cluster\ChkDsk*.*
	<ul style="list-style-type: none"> • Dell System Update Utility Logs — %SystemDrive%\dell\suu\log\support*.*
	<ul style="list-style-type: none"> • NIC Teaming Configuration <ul style="list-style-type: none"> - Intel - Broadcom Teaming Config
	<ul style="list-style-type: none"> • NAS <ul style="list-style-type: none"> - %systemroot%\system32*vds*.log - %systemroot%\system32\Storagemgmt_san.log - %systemroot%\system32\Storagemgmt.log - %systemroot%\DSIW.log
	<ul style="list-style-type: none"> • EMC

Category	List
	<ul style="list-style-type: none"><li data-bbox="948 258 1394 310">– %systemdrive%\programfiles\emc\symapi\log\EMCVDSHardwareProvider.log<li data-bbox="948 317 1394 369">– %systemdrive%\programfiles\emc\symapi\log\Hwprov.log<li data-bbox="948 375 1394 428">– %systemdrive%\programfiles\emc\symapi\log\symapi*.log <ul style="list-style-type: none"><li data-bbox="868 434 1257 457">• MD1000 — SES log in MD1000 EMM