

Dell System E-Support Tool (DSET) Version 3.6

Reportable Items For Linux Operating System 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.

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Introduction

The reportable items document includes all the data types supported by the DSET application and displayed in the DSET report.

-  **NOTE:** A few unique data elements are not included in the document.
-  **NOTE:** The data elements listed also included other configuration or log files that may be collected but viewed only by navigating to the **.zip** archived contents in the DSET report.

What's New In This Release

- Support for PCIeSSD and PERC 9 for the storage category of the report.
 - Addition of new attributes for array disks, virtual disks, and controllers classes in the storage category for DSET namespace and OpenManage Server Administrator namespace.
-  **NOTE:** The new attributes for this release are identified in this document by the text "(New)" next to them.
 -  **NOTE:** iDRAC namespace report has fewer attributes compared to DSET and OpenManage Server Administrator namespace reports.

System Items List

The system items list includes the following:

- Main System Chassis
- Error Summary Information (New)
- Chassis
- Modular Enclosure (New)
- BIOS
- Batteries
- Processors Information
- Fan Probes Information
- Firmware Information
- Front Panel Information
- System Components (FRU) Information
- Intrusion Information
- Memory Information
- Network Interfaces Information
- Ports Information
- Power Supplies Information
- Remote Access Information
- Slots Information
- Temperature Probes Information
- Voltage Probes Information
- Auto Recovery
- Current Probes
- Embedded System Management (ESM) Logs
- Removable Flash Media Information
- Power Consumption Information
- Hardware Performance

Table 1. : 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 • Host Name

Category	Attributes
	<ul style="list-style-type: none"> • System Location • Server Module Asset Tag • 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
Error Summary Information	<ul style="list-style-type: none"> • Status (New) • Name (New) • Location (New) • Details (New)
Chassis	<ul style="list-style-type: none"> • Index • Chassis Name • Host Name • BMC Version • DRAC or iDRAC Version • Lifecycle Controller Version • Model

Category	Attributes
Modular Enclosure	<ul style="list-style-type: none"> • Chassis Model • System Revision • Chassis Lock • Service Tag • Asset Tag • Chassis Service Tag • Chassis Asset Tag • Flash Chassis Identify LED state • Flash Chassis Identify LED timeout value • Fault LED flash on severity level <ul style="list-style-type: none"> • CMC Information <ul style="list-style-type: none"> – Product (New) – Description (New) – Version (New) – IP Address (New) – IP Address Source (New) – IP Address Type (New)
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"> * Num Lock * NIC 1 * NIC 2 * Dual NIC * Dual NIC (1/2) * Dual NIC (3/4) * IDE * User Accessible USB Ports * Processor Virtualization Technology * Processor Logical Processor (HyperThreading) * AC Power Recovery Mode * Embedded SATA Controller * SATA Port 0 * SATA Port 1 * SATA Port 2 * SATA Port 3 * SATA Port 4

Category	Attributes
	<ul style="list-style-type: none"> * SATA Port 5 * Port A * Port B * Port C * Port D * Demand-Based Power Management * TPM Security * Internal USB Port * OS Watchdog Timer * Internal SD Card * Node Interleaving * Logical Processor * Processor Execute Disable * Processor CMP * Boot Mode * Processor C State Control * Number of Cores per Processor * Integrated Network Card 1 * Embedded Video Controller * Turbo Boost * C1E * C States * Keyboard NumLock
	<ul style="list-style-type: none"> – System Security <ul style="list-style-type: none"> * Intel(R) AES-NI * System Password * Setup Password * Password Status * TPM Security * TPM Activation * TPM Status * TPM Clear * Intel(R) TXT * Power Button * NMI Button * AC Power Recovery * AC Power Recovery Delay * User Defined Delay (60s to 240s)
	<ul style="list-style-type: none"> – Serial Communications <ul style="list-style-type: none"> * Serial Communications * Serial Port Address * Console Redirection After Boot * External Serial Connector

Category	Attributes
	<ul style="list-style-type: none"> * Failsafe Baud Rate * Remote Terminal Type * Console Redirection Failsafe BAUD Rate * Serial Address Select
	<ul style="list-style-type: none"> - SATA Settings <ul style="list-style-type: none"> * Embedded SATA * Port information * Model * Drive Type * Capacity
	<ul style="list-style-type: none"> - Processor Settings <ul style="list-style-type: none"> * Logical Processor * QPI Speed * Virtualization Technology * Adjacent Cache Line Prefetch * Hardware Prefetcher * DCU Streamer Prefetcher * DCU IP Prefetcher * Execute Disable * Number of Cores per Processor * Processor 64-bit Support * Processor Core Speed * Processor Bus Speed * Family-Model-Stepping * Brand * Level <level_number> Cache * Number of Cores * Family-Model-Stepping
	<ul style="list-style-type: none"> - Memory Settings <ul style="list-style-type: none"> * System Memory Size * System Memory Type * System Memory Speed * System Memory Voltage * Video Memory * System Memory Testing * Memory Operating Mode * Node Interleaving
	<ul style="list-style-type: none"> - System Profile Settings <ul style="list-style-type: none"> * System Profile * CPU Power Management * Memory Frequency

Category	Attributes
	<ul style="list-style-type: none"> * Turbo Boost * C1E * C States * Memory Patrol Scrub * Memory Refresh Rate * Memory Operating Voltage - Miscellaneous Settings <ul style="list-style-type: none"> * Asset Tag * Keyboard NumLock * Report Keyboard Errors * F1/F2 Prompt on Error * In-System Characterization - System Information <ul style="list-style-type: none"> * System Model Name * System BIOS Version * System Service Tag * System Manufacturer * System Manufacturer Contact Information - Integrated Devices <ul style="list-style-type: none"> * User Accessible USB Ports * Internal USB Port * Integrated Network Card * OS Watchdog Timer * Embedded Video Controller * SR-IOV Global Enable - Slot Disablement <ul style="list-style-type: none"> * Slot <number> - Boot Settings <ul style="list-style-type: none"> * Boot Mode * Boot Sequence Retry - One-Time Boot <ul style="list-style-type: none"> * One-Time Boot Device List * BIOS Boot Sequence Device * BIOS Hard-Disk Drive Sequence Device * UEFI Boot Sequence Device
Batteries	<ul style="list-style-type: none"> • Individual Battery Elements <ul style="list-style-type: none"> - Status - Probe Name - Reading
Processors Information	<ul style="list-style-type: none"> • Status

Category	Attributes
Fan Probes Information	<ul style="list-style-type: none"> • Connector Name • Processor Brand • Processor Version • Current Speed • State • Core Count • Fan Redundancy <ul style="list-style-type: none"> – Attribute – Value • Probe List <ul style="list-style-type: none"> – Status – Probe Name – Reading – Minimum Warning Threshold – Maximum Warning Threshold – Minimum Failure Threshold – Maximum Failure Threshold
Firmware Information	<ul style="list-style-type: none"> • Name <ul style="list-style-type: none"> – Baseboard Management Controller version – Remote Access Controller firmware version – DRAC or iDRAC version – Lifecycle Controller version – Power Supply – Dell OS drivers pack – Dell 32 Bit Diagnostics – NIC Firmware version – Fiber Channel HBA device – PERC Firmware version – System CPLD – Enclosure Firmware version • Version
Front Panel Information	<ul style="list-style-type: none"> • Front Panel Information <ul style="list-style-type: none"> – Power Button (New) – NMI Button (New) • Front Panel LCD Information – LCD Line 1 • Enable Remote Indication • Front Panel LCD Security Access (New)
System Components (FRU) Information	<ul style="list-style-type: none"> • Device <ul style="list-style-type: none"> – System Planar – Remote Access Controller Version

Category	Attributes
	<ul style="list-style-type: none"> - Disk Drive Bay (BP) - Add-in Card (MEZZC, NDC, IDSDM, SLED) - SAS Controller Daughter Card (Storage) - Power Supply - Primary Backplane (Storage) - Memory DIMM Slot - SAS Controller Daughter Card (Storage) • Serial No. • Part No. • Revision • Manufacturer • Manufacturer Date
Intrusion Information	<ul style="list-style-type: none"> • Status • Probe Name • State
Memory Information	<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 <ul style="list-style-type: none"> - Status - Connector Name - Type - Size - Device Name - Speed - Failures
Network Interfaces Information	<ul style="list-style-type: none"> • Total Number of Network Interfaces • Interface Name • Vendor • Description • Connection Status

Category	Attributes
	<ul style="list-style-type: none"> • Slot • Team Interface(s) <ul style="list-style-type: none"> – Interface Name – Vendor – Description – Redundancy Status • 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

Category	Attributes
Ports Information	<ul style="list-style-type: none"> - Total Packets - Unicast Packets - Multicast Packets - Broadcast Packets - Discarded Packets - Error Packets • Interface Transmit Statistics <ul style="list-style-type: none"> - Bytes - Total Packets - Unicast Packets - Discarded Packets - Error Packets • Port Type • External Name • Base I/O Addr • IRQ Lvl • Connector Type • Maximum Speed
Power Supplies Information	<ul style="list-style-type: none"> • MainSystemChassis Power Supplies • Power Supply Redundancy <ul style="list-style-type: none"> - Attribute - Value • Individual Power Supply Elements <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

Category	Attributes
	<ul style="list-style-type: none"> - VLAN ID - Priority • IPv4 Address <ul style="list-style-type: none"> - IP Address Source - 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
Slots Information	<ul style="list-style-type: none"> • Slot ID • Adapter

Category	Attributes
Temperature Probes Information	<ul style="list-style-type: none"> • Data Bus Width • Main System Temperatures <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"> • Health <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 Detection • System Reset Timer
Embedded System Management (ESM) Logs	<ul style="list-style-type: none"> • Hardware logs • Severity • Date and Time • Description • Raw SEL data
Current Probes	<ul style="list-style-type: none"> • Status • Probe Name • Reading • Minimum Warning Threshold • Maximum Warning Threshold • Minimum Failure Threshold • Maximum Failure Threshold
Removable Flash Media Information	<ul style="list-style-type: none"> • Internal SD Modules 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

Category	Attributes
Power Consumption Information	<ul style="list-style-type: none"> - State - Available Size - Storage Size <ul style="list-style-type: none"> • Power Consumption <ul style="list-style-type: none"> - Status - Probe Name - Reading - Warning Threshold - Failure Threshold • Amperage <ul style="list-style-type: none"> - Location - Reading • Power Headroom <ul style="list-style-type: none"> - Attribute - Value • Power Tracking Statistics <ul style="list-style-type: none"> - Statistic - Measurement Start Time - Measurement Finish Time - Reading - Peak Time - Peak Reading • Power Inventory <ul style="list-style-type: none"> - Attribute - Value • Power Budget <ul style="list-style-type: none"> - Attribute - Value • Power Profiles <ul style="list-style-type: none"> - Attribute - Value
Hardware Performance	<ul style="list-style-type: none"> • Probe Name • Status • Cause

Storage Items List

The storage items list includes the following:

- Controllers Information
- Batteries
- Enclosures
- Array Disks
- Virtual Disks
- IDE Controllers
- Channels
- Physical Disks (Non-RAID)
- Enclosure Details
- Tape
- SATA Controller
- Fibre Channel HBA
- iSCSI Initiator Information
- PCIe-SSD Subsystem Information (New)


Table 2. : Storage Category and Attributes

Category	Attributes
Controllers Information	<ul style="list-style-type: none"> • Properties <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 – Alarm State – SCSI Initiator ID – Cache Memory Size – Patrol Read Mode

Category	Attributes
	<ul style="list-style-type: none"> - Patrol Read State - Patrol Read Iterations - Security Capable - Security Key Present - Abort Check Consistency on Error - Allow Revertible Hot Spare and Replace Member - Auto Replace Member on Predictive Failure - Load Balance - Persistent Hot Spare - Connector Type - Termination - SCSI Rate - SCSI Initiator ID - Spin Down Unconfigured Drives - Spin Down Hot Spares - Spin Down Configured Drives - Automatic Disk Power Saving (Idle C) - T10 Protection Information Capable (New)
Enclosure	<ul style="list-style-type: none"> • 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 • Enclosure Alarm • SCSI Rate
Array Disks	<ul style="list-style-type: none"> • Status • Connector (New) • Power Status • Name • State • Failure Predicted • Certified • Encryption Capable

Category	Attributes
Virtual Disks	<ul style="list-style-type: none"> • Secured • Progress • Bus Protocol • Media • Part of Cache Pool • Device Life Remaining • Driver Version • Model Number • T10 PI Capable (New) • Encrypted (New) • 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 • Device Write Cache • Manufacture Day • Manufacture Week • Manufacture Year • SAS Address <ul style="list-style-type: none"> • Status • Name • State • Encrypted (New) • Progress • Layout • Size • T10 Protection Information Status(New) • Associated Fluid Cache State (New) • Device Name • Bus Protocol • Media • Read Policy • Write Policy • Stripe Element Size • Disk Cache Policy

Category	Attributes
IDE Controller	<ul style="list-style-type: none"> • Name • Status • Firmware Version • Device Descriptor • Description • Device Location • Parent location • Manufacturer • Serial No. • Model Number • Asset Tag • Channels <ul style="list-style-type: none"> – Status – Name – Connector Type
Channels	<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
Embedded SCSI	<ul style="list-style-type: none"> • Controller Name/Label • Device Type (HD, tape, CD) • Device Vendor/Product ID • Device SCSI ID/LUN • Device Capacity
Tape	<ul style="list-style-type: none"> • Name • Status • Firmware • Device Descriptor • Device Location • Parent Location • Manufacturer • Serial Number • Model Number

Category	Attributes
SATA Controller	<p data-bbox="828 254 1390 342"> NOTE: Other tape device specific information such as whether clean is required, power on hours etc.</p> <ul data-bbox="828 369 1102 911" style="list-style-type: none"> • Name • Status • Firmware Version • Device Descriptor • Description • Device Location • Parent Location • Manufacturer • Serial No • Model Number • Asset Tag • Channels • SATA Disk State • SATA Disk Capacity • SATA Disk Vendor ID • SATA Disk Product ID
Fibre Channel HBA	<ul data-bbox="828 947 1161 1283" style="list-style-type: none"> • HBA name • HBA model • Firmware • Driver • Type • Vendor • HBA port • Logical device name (LUN) • Logical device capacity • LUN
iSCSI Initiator Information	<ul data-bbox="828 1318 1038 1409" style="list-style-type: none"> • Initiator Version • Sessions List • Portals List
PCIe-SSD Subsystem Information	<ul data-bbox="828 1444 1209 1803" style="list-style-type: none"> • Properties (New) <ul data-bbox="868 1486 1209 1619" style="list-style-type: none"> – ID (New) – Name (New) – State (New) – Number of Extenders (New) • PCIe-SSD Extenders (New) <ul data-bbox="868 1675 1038 1766" style="list-style-type: none"> – Status (New) – Name (New) – State (New) • Enclosures (New)

Category	Attributes
	<ul style="list-style-type: none">- Status (New)- Name (New)- State (New)- PCIe-SSD Extender (New)- Firmware Version (New)- Asset Name (New)- Enclosure Part Number (New)

Software Items List

The software items list includes the following:

- OS Summary
- Resource
 - IRQ Information
 - I/O Ranges
- Component
 - Display Information
 - Startup
 - USB
 - Network Adapter Information
 - Storage Information
- Environment
 - Environment Variables
 - Drivers
 - Processes
 - Installed RPMs
 - Service Information
- Kernel
- Memory
- Modules
- Mounts (/proc/mounts)
- Operating System Event Logs

Table 3. : Software Category and Attributes

Category	Attributes
OS Summary	<ul style="list-style-type: none"> • Operating System Name • Version • Install Date • System Name
Resources	<ul style="list-style-type: none"> • IRQ Information <ul style="list-style-type: none"> – IRQ – Device • IO Ranges <ul style="list-style-type: none"> – Address_Range

Category	Attributes
Component	<ul style="list-style-type: none"> - Device - Status • Display <ul style="list-style-type: none"> - Files - Section - Identifier - Screen - InputDevice - ServerFlags - Module - Driver - Option - Monitor - Modes - Device - DefaultDepth - SubSection - Viewport - Depth - EndSubSection - ServerLayout - DRI - Load - HorizSync - VendorName - VertRefresh - UseModes - Modeline - Group • Startup <ul style="list-style-type: none"> - Boot Menu <ul style="list-style-type: none"> * Default * timeout * gfxmenu * splashimage * hiddenmenu * title * root * uppermem * kernel * initrd - Boot List and Boot GRUB List

Category	Attributes
	<ul style="list-style-type: none"> * Rights * Number * Owner * User * FileDate * Process - Device Map List * default * Value • USB/proc/bus/usb/devices: <ul style="list-style-type: none"> - Bus - Device - bLength - bDescriptorType - bEndpointAddress - bcdUSB - bDeviceClass - bDeviceSubClass - bDeviceProtocol - bMaxPacketSize0 - idVendor - idProduct - bcdDevice - iManufacturer - iProduct - iSerial - bNumConfigurations - Configuration - wTotalLength - bNumInterfaces - bInterfaceNumber - bAlternateSetting - bNumEndpoints - bConfigurationValue - bInterfaceClass - bInterfaceSubClass - bInterfaceProtocol - iConfiguration - bmAttributes - Self - Remote - MaxPower - Interface - Endpoint

Category	Attributes
	<ul style="list-style-type: none"> - Transfer - Synch - Usage - wMaxPacketSize - bInterval - Hub - nNbrPorts - wHubCharacteristic - No - Per-port - bPwrOn2PwrGood - bHubContrCurrent - DeviceRemovable - PortPwrCtrlMask - Port - HID - bcdHID - bCountryCode
	<ul style="list-style-type: none"> • Network Adapter Information <ul style="list-style-type: none"> - Adapter Name - MAC Address - Status - Status Characteristics - MTU - Metric - RX/TX Packets - RX/TX Errors - RX/TX Dropped - RX/TX Overruns - TX Carrier - RX Frame - Collisions - TX Queue Len - RX/TX bytes - Inet IP Address - inet6 IPAddress - Broadcast - Subnet Mask - Contents of etc/resolve.conf <ul style="list-style-type: none"> * Name Server * Search - Contents of etc/hosts – Host Name
	<ul style="list-style-type: none"> • Storage Information <ul style="list-style-type: none"> - Memory

Category	Attributes
	<ul style="list-style-type: none"> * Total * Used * Free * Shared * Buffers * Cached - buffers_cache <ul style="list-style-type: none"> * Total * Used - Swap <ul style="list-style-type: none"> * Total * Used * Free - Drive <ul style="list-style-type: none"> * Description * Compressed * FileSystem * Size * FreeSpace * VolumeName * VolumeSerial - Host <ul style="list-style-type: none"> * Channel * SCSI ID * LUN * Vendor * Model * Rev * Type * Revision
Environment	<ul style="list-style-type: none"> • Environment Variables <ul style="list-style-type: none"> - Variable - Variable Value • Drivers <ul style="list-style-type: none"> - Internal Name - Module size - Use Count - Dependant Modules - Status - etc/modprobe.conf <ul style="list-style-type: none"> * Command

Category	Attributes
	<ul style="list-style-type: none"> * Module Name * Options – lib/modules/... * Name * Module Path • Processes <ul style="list-style-type: none"> – Command – Process ID (PID) – %CPU (CPU Utilization) – %Mem (Memory Utilization) – RSS (Physical Memory Usage) – VSZ – Time – Start – Command – Stat – User – TTY • Installed RPMs <ul style="list-style-type: none"> – Name – Publisher – Size – InstallDate – URLInfoAbout – Description • Service Information <ul style="list-style-type: none"> – Service – State
Logs	<ul style="list-style-type: none"> • System Log <ul style="list-style-type: none"> – Status – Type – Source – DateTime – Message or Comment – Entry ID • DMESE Log Entries <ul style="list-style-type: none"> – Entry – Variable Value
Dell OpenManage Software	<ul style="list-style-type: none"> • Item • Version

Category	Attributes
Kernel	<ul style="list-style-type: none"> • Uname -a: <ul style="list-style-type: none"> - Name - Node Name - Release - Version/Build Type - Processor Type - Operating System
Memory	<ul style="list-style-type: none"> • System Uptime (uptime): <ul style="list-style-type: none"> - Time Since Boot - Active User Sessions - Load Average • Advanced Memory Statistics (/proc/meminfo): <ul style="list-style-type: none"> - MemTotal - MemFree - MemShared - Buffers - Cached - SwapCached - Active - ActiveAnon - ActiveCache - Dirty - Inact_dirty - Inact_laundry - Inact_clean - Inact_target - HighTotal - HighFree - LowTotal - LowFree - SwapTotal - SwapFree - HugePages_Total - HugePages_Free - Hugespagesize - WriteBack - Mapped - Slab - Committed_AS - Page Tables - Vmalloc Total - Vm alloc Used

Category	Attributes
Modules	<ul style="list-style-type: none"> - Vm alloc Chunk • Loaded Modules (lsmod): <ul style="list-style-type: none"> - Name - Size - Used By Other Module - Tainted • Module Config (/etc/modules.conf) • Module Dependencies (/lib/modules/<kernel>/modules.dep): <ul style="list-style-type: none"> - Module Path - Dependent Module Path
Mounts (/proc/mounts)	<ul style="list-style-type: none"> • Device Name or Network Path • Mountpoint • Type • Mount Attributes
Operating System Event Logs	<ul style="list-style-type: none"> • System Event Log (/var/log/messages) • Boot Log (/var/log/dmmsg)
OpenManage Components	<ul style="list-style-type: none"> • Name • Version • Path
VMWare	<ul style="list-style-type: none"> • License keys • Virtual server configuration and type • Multipath configuration

Log Files List

The log files list includes the following:

- OpenManage Server Administrator Installation Logs
- Linux
- MD1000

Table 4. : Log Files Category and List

Category	List
OpenManage Server Administrator Installation Logs	<ul style="list-style-type: none"> • OMSA Install Database (/etc/ominstal.db) • OMSA Component Reg (/etc/omreg.cfg) • OMSA Component File List (/etc/*.oil) • /etc/dellinst.cfg • Instrumentation Install Log (iisvc.log) • Data Engine Install Log (ideng.log) • Dynamic Kernel Compiling Log (dksbuild.log) • Dell Server Update Utility support logs
Linux	<ul style="list-style-type: none"> • Netstat routing tables • Netstat interface statistics • Netstat open connections
MD1000	<ul style="list-style-type: none"> • SES log in MD1000 EMM

Miscellaneous Configuration Files

The following table includes the list of Linux configuration and log files collected by the DSET application.

 **NOTE:** This list is not displayed in the DSET report GUI.

Table 5. : Configuration Files and Location

Location	Files
Data in /linux/boot	grub
Data in linux/boot/grub	<ul style="list-style-type: none"> • device.map • menu.lst
Data in /linux/etc	<ul style="list-style-type: none"> • aliases • cron.d • cron.daily • cron.hourly • cron.monthly • crontab • cron.weekly • fstab • host.conf • hosts • hosts.allow • hosts.bak • hosts.canna • hosts.deny • ld.so.conf • mail • modules.conf • mdstat • modprobe.conf • named.conf • pam.d • pci • redhat-release • resolv.conf • sysconfig • snmp • snmpd.conf • sysctl.conf • weekly

Location	Files
	<ul style="list-style-type: none"> • X11 • xinetd.conf • xinetd.d • data in /linux/etc/cron.d: <ul style="list-style-type: none"> – evlogmgr – seccheck – sa-update
data in /linux/etc/cron.daily	<ul style="list-style-type: none"> • 0anacron • 00-logwatch • 00-makewhatis.cron • 00webalizer • cups certwatch • logrotate • makewhatis.cron • mlocate.cron • prelink • rpm • slocate.cron • suse.de-backup-rc.config(SLES) • suse.de-backup-rpmdb(SLES) • suse.de-check-battery(SLES) • suse.de-clean-tmp(SLES) • suse.de-clean-vi(SLES) • suse.de-cron-localtmpwatch(SLES)
data in /linux/etc/cron.monthly	0anacron
data in /linux/etc/cron.weekly	makewhatis.cron
data in /linux/etc/mail	sendmail.cf
data in /linux/etc/pam.d	<ul style="list-style-type: none"> • atd authconfig • authconfig-gtk • authconfig-tui • bindconf • chage • chfn • chsh config-util • cpufreq-selector • crond • cups • dateconfig • dovecot • eject • ekshell • ethereal

Location	Files
	<ul style="list-style-type: none"> • gdm • gdm-autologin • gdmsetup • gnome-screensaver • gnome-system-log • gssftp • halt • hwbrowser • internet-druid • kbdrate • kshell • kcheckpass • kdm • kdm-np • kde • kppp • kscreensaver • kshell • login • neat • netatalk • newrole • omath • openwbem • other • passwd • pop3 • pirut • pm-hibernate • pm-powersave • pm-suspend • pm-suspend-hybrid • poweroff • ppp • pup • pure-ftpd • printconf • printconf-gui • printconf-tui • printtool • quagga • radiusd • reboot • remote • rhn_register

Location	Files
	<ul style="list-style-type: none">• run_init• runuser• runuser-l• redhat-cdinstall-helper• redhat-config-authentication• redhat-config-bind• redhat-config-date• redhat-config-httpd• redhat-config-keyboard• redhat-config-language• redhat-config-mouse• redhat-config-network• redhat-config-network-cmd• redhat-config-network-druid• redhat-config-nfs• redhat-config-packages• redhat-config-printer• redhat-config-printer-gui• redhat-config-printer-tui• redhat-config-proc• redhat-config-rootpassword• redhat-config-samba• redhat-config-securitylevel• redhat-config-services• redhat-config-soundcard• redhat-config-time• redhat-config-users• redhat-config-xfree86• redhat-install-packages• redhat-logviewer• redhat-switch-mail• redhat-switch-mail-nox• rexec• rlogin• rpasswd• rsh• rhn_register• sabayon• samba• shadow• screen• serviceconf• setup• smtp• smtp.sendmail

Location	Files
	<ul style="list-style-type: none"> • squid • sshd • su • sudo • sudo-i • su-l • system-auth • system-auth-ac • system-cdinstall-helper • system-config-authentication • system-config-date • system-config-display • system-config-httpd • system-config-kdump • system-config-keyboard • system-config-language • system-config-lvm • system-config-mouse • system-config-netboot • system-config-network • system-config-network-cmd • system-config-network-druid • system-config-nfs • system-config-packages • system-config-printer • system-config-printer-gui • system-config-printer-tui • system-config-rootpassword • system-config-samba • system-config-securitylevel • system-config-selinux • system-config-services • system-config-soundcard • system-config-time • system-config-users • system-install-packages • system-logviewer • system-switch-im • up2date • up2date-config • up2date-nox • useradd • vsftpd • wbem • wireshark

Location	Files
	<ul style="list-style-type: none"> • xdm • xdm-np xlock • xscreensaver • xserver
data in /linux/etc/snmp	snmpd.conf
data in /linux/etc/sysconfig	<ul style="list-style-type: none"> • amavis • apache • apache2 • argus • apmd • apm-scripts • atd • auditd • autofs • authconfig • autoinstall • backup • boot • bootloader • bootsplash • Bluetooth • Cbq • cfg2scm • clock • cron • conman • cpuspeed • crond • console • cups • desktop • devlabel • diskdump • dhcpd • dhcrelay • displaymanager • dsm_sa_ipmi • dump • dund • esound • fetchmail • fonts-config • firstboot • gpm

Location	Files
	<ul style="list-style-type: none"> • grub • hardware • harddisks • hidd • hotplug • httpd • hwconf • i18n • ide init • installinfo • ipmi • ip6tables-config • iptables-config • irda • irqbalance • isdn • iscsi • java • joystick • kdump • kernel • kernel.elx • keyboard • kudzu • language • ldap • locate • lvm • lm_sensors • mail • mailman • mdadm • miplv6 • mouse • mkinitrd • named • ncpfs • net-snmp • news • netconsole • netdump • netdump_id_dsa • netdump_id_dsa.pub • network • networking

Location	Files
	<ul style="list-style-type: none">• network-scripts• nfs• nspluginwrapper• ntop• ntpd• onlineupdate• openldap• owcimomd• pand• pcmcia• personal-firewall• pm-action• prelink• postfix• postgresql• powermanagement• powersave• proxy• rawdevices• radvd• readonly-root• redhat-config-securitylevel• redhat-config-users• redhat-logviewer• redhat-logviewer.bak• rhn• samba• Scripts• sendmail• saslauthd• sax• scsdev• seccheck• security• selinux• sendmail• services• sitar• smartmontools• snort• sound• spamd• spamassassin• squid• ssh

Location	Files
	<ul style="list-style-type: none"> • suseconfig • SuSEfirewall2 • Susehelp • sysctl • syslog • system-config-netboot • system-config-securitylevel • system-config-users • system-logviewer • tux • udev-stw • vncservers • windowmanager • wondershaper • wpa_supplicant • xntp • xinetd • ypserv
data in /linux/etc/sysconfig/hardware	<ul style="list-style-type: none"> • Scripts • Skel • config • hwcfg-bus-pci-0000_03_00.0
data in /linux/etc/sysconfig/hardware/scripts	<ul style="list-style-type: none"> • chandev-to-hwcfg.sh • functions • hwdown-ccw • hwdown-scsi • hwdown-zfcp • hwup-ccw • hwup-ctc • hwup-iucv • hwup-lcs • hwup-qeth • hwup-zfcp
data in /linux/etc/sysconfig/hardware/skel	<ul style="list-style-type: none"> • hwcfg-ctc • hwcfg-dasd-eckd • hwcfg-iucv • hwcfg-lcs • hwcfg-qeth • hwcfg-zfcp
data in /linux/etc/weekly	<ul style="list-style-type: none"> • wwwoffle
data in /linux/etc/X11	<ul style="list-style-type: none"> • XF86Config

Location	Files
data in /linux/etc/inetd.d	<ul style="list-style-type: none"> • amanda • amandaidx • amidxtape • chargen • chargen-udp • cups-lpd • cvs daytime • daytime-udp • echo • echo-udp • finger • i4l-vbox • netstat • ntalk • pidentd • pure-ftpd • qpopper • rexec • rlogin • rsh • rstatd • rsync • servers • services • swat • systat • talk • telnet • time • time-udp • uucp • vnc • vsftpd
data in /linux/etc/weekly/sysconfig/isdn	Scripts
data in /linux/etc/weekly/sysconfig/isdn/Scripts	<ul style="list-style-type: none"> • add-hisax • add-hisax_fcpcipnp • functions • hotplug_usb • load-auerswald • load-avmusb • load-b1isa • load-b1pci • load-b1pcmcia • load-bfusb

Location	Files
	<ul style="list-style-type: none"> • load-c4 • load-capi • load-eicon • load-fcclassic • load-fcdsl • load-fcdsl2 • load-fcdslsl • load-fcpci • load-fcpcmcia • load-fcpnp • load-hisax • load-hisax_fcpcipnp • load-t1isa • load-t1pci • oldi4l2new.sh • stop-auerswald • stop-avmusb • stop-b1isa • stop-b1pci • stop-b1pcmcia • stop-bfusb • stop-c4 • stop-fcclassic • stop-fcdsl • stop-fcdsl2 • stop-fcdslsl • stop-fcpci • stop-fcpcmcia • stop-fcpnp • stop-t1isa • stop-t1pci
<p>data /Linux/etc/sysconfig/network</p>	<ul style="list-style-type: none"> • config • dhcp • if-down.d • if-up.d ifcfg-eth-id-00_22_19_b0_33_ba • ifcfg-ip6tnl0 • ifcfg-ip6tnl1 • ifcfg-ip6tnl10 • ifcfg-ip6tnl11 • ifcfg-ip6tnl12 • ifcfg-ip6tnl13 • ifcfg-ip6tnl14 • ifcfg-ip6tnl15 • ifcfg-ip6tnl16 • ifcfg-ip6tnl17

Location	Files
	<ul style="list-style-type: none"> • ifcfg-ip6tnl18 • ifcfg-ip6tnl19 • ifcfg-ip6tnl2 • ifcfg-ip6tnl20 • ifcfg-ip6tnl21 • ifcfg-ip6tnl22 • ifcfg-ip6tnl23 • ifcfg-ip6tnl24 • ifcfg-ip6tnl25 • ifcfg-ip6tnl26 • ifcfg-ip6tnl27 • ifcfg-ip6tnl28 • ifcfg-ip6tnl29 • ifcfg-ip6tnl3 • ifcfg-ip6tnl30 • ifcfg-ip6tnl31 • ifcfg-ip6tnl4 • ifcfg-ip6tnl5 • ifcfg-ip6tnl6 • ifcfg-ip6tnl7 • ifcfg-ip6tnl8 • ifcfg-ip6tnl9 • ifcfg-lo • ifcfg-mip6mnha0 • ifcfg-mip6mnha1 • ifcfg-mip6mnha2 • ifcfg-mip6mnha3 • ifcfg.template • ifroute-lo • providers • scripts • update-log • update-log.debug • wireless
data /Linux/etc/sysconfig/network/if-down.d	<ul style="list-style-type: none"> • 21-dhcpd-hook-samba • 55-samba-winbindd • Freeswan
data /Linux/etc/sysconfig/network/if-up.d	<ul style="list-style-type: none"> • 21-dhcpd-hook-samba • 55-samba-winbindd • Freeswan
data /Linux/etc/sysconfig/network/scripts	<ul style="list-style-type: none"> • check_configurations • convert_for_getconfig • dhcp-interfaces

Location	Files
	<ul style="list-style-type: none"> • dhcpcd-hook • dhcpcd-hook-samba • dhcpcd-hook-samba-functions • drop-hotplug-symlink.sh • freeswan • freeswan-functions • functions • functions.common • ifdown-802.1q • ifdown-autoip • ifdown-connection • ifdown-dsl • ifdown-ipp • ifdown-isdn • ifdown-ppp • ifdown-route • ifdown-services • ifstatus-802.1q • ifstatus-autoip • ifstatus-connection • ifstatus-dsl • ifstatus-ipp • ifstatus-isdn • ifstatus-ppp • ifstatus-route • ifstatus-services • ifstatus-wireless • ifup-802.1q • ifup-autoip • ifup-dsl • ifup-ipp • ifup-isdn • ifup-ppp • ifup-route • ifup-services • ifup-skel • ifup-wireless • oldnet2new.sh • samba-winbindd
data in /Linux/etc/sysconfig/powersave	<ul style="list-style-type: none"> • common hdparm • scheme_acoustic • scheme_performance • scheme_powersave

Location	Files
data in /Linux/etc/sysconfig/Scripts	<ul style="list-style-type: none"> • SuSEfirewall2-autointerface.sh • SuSEfirewall2-custom
data in /linux/etc/weekly	<ul style="list-style-type: none"> • 0anacron • 00-makewhatis.cron • wwwoffle
data in /linux/etc/sysconfig/apm-scripts	apmscript
data in /linux/etc/sysconfig/cbq	<ul style="list-style-type: none"> • avpkt • cbq-0000.example
data in /linux/etc/sysconfig/console	—
data in /linux/etc/sysconfig/ mkinitrd	<ul style="list-style-type: none"> • avpkt • cbq-0000.example • multipath
data in /linux/etc/sysconfig/modules	udev-stw.modules
data in /linux/etc/sysconfig/networking	<ul style="list-style-type: none"> • devices • profiles
data in /linux/etc/sysconfig/networking/devices	ifcfg-eth0
data in /linux/etc/sysconfig/networking/profiles	default
data in /linux/etc/sysconfig/networking/profiles/default	<ul style="list-style-type: none"> • hosts • ifcfg-eth0 • network • resolv.conf
data in /linux/etc/sysconfig/network-scripts	<ul style="list-style-type: none"> • ifcfg-eth0 • ifcfg-eth1 • ifcfg-lo • ifdown • ifdown-aliases • ifdown-bnep • ifdown-eth • ifdown-ipp • ifdown-ipsec • ifdown-ipv6 • ifdown-isdn • ifdown-post • ifdown-ppp • ifdown-routes • ifdown-sit • ifdown-sl • ifdown-tunnel • ifup

Location	Files
	<ul style="list-style-type: none"> • ifup-aliases • ifup-bnep • ifup-eth • ifup-ipp • ifup-ib • ifup-ipp • ifup-ipsec • ifup-ipv6 • ifup-iph • ifup-isdn • ifup-plip • ifup-plusb • ifup-post • ifup-ppp • ifup-routes • ifup-sit • ifup-sl • ifup-tunnel • ifup-wireless • init.ipv6-global • net.hotplug • network-functions • network-functions-ipv6
data in /linux/etc/sysconfig/rhn	<ul style="list-style-type: none"> • clientCaps.d • rhn-applet • rhn_register_remind • rhnsd • sources • up2date • up2date-keyring.gpg • up2date-uuid
data/linux/etc/sysconfig/rhn/clientCaps.d	data/linux/etc/X11:XF86Config
Data in /linux/etc/xinetd.d	<ul style="list-style-type: none"> • amanda • amandaidx • amidxtape • chargen • chargen-udp • cups-lpd • cvs daytime • daytime-udp • dbsskd-cdb • echo • echo-udp

Location	Files
	<ul style="list-style-type: none"> • eklogin • finger • gssftp • i4l-vbox • klogin • krb5-telnet • kshell • ktalk • netstat • ntalk • pidentd • pure-ftpd • qpopper • rexec • rlogin • rsync • servers • services • swat • sgi_fam • systat • talk • telnet • tftp • time • time-udp • uucp • vnc • vsftpd
data/linux/lib	modules
data/linux/lib/modules	current
data in /linux/lib/modules/current	modules.dep
data in /linux/proc	<ul style="list-style-type: none"> • bus • ide • scsi • sys • cmdline • cpuinfo • devices • dma • filesystems • fstab • ide

Location	Files
	<ul style="list-style-type: none"> • interrupts • ioports • ksyms • mdstat • meminfo • mounts • partitions • pci scsi • slabinfo • stat • sys
data in /linux/proc/bus	<ul style="list-style-type: none"> • input • pci • usb
data in /linux/proc/bus/input	<ul style="list-style-type: none"> • devices • handlers
data in /linux/proc/bus/pccard	drivers
data in /linux/proc/bus/pci	<ul style="list-style-type: none"> • 00 • 01 • 02 • 03 • 04 • 05 • 06 • 07 • devices • slots
data/linux/proc/bus/pci/00	<ul style="list-style-type: none"> • 00.0 • 00.1 • 01.0 • 02.0 • 02.2 • 03.0 • 03.1 • 03.2 • 04.0 • 06.0 • 07.0 • 08.0 • 09.0 • 18.0 • 18.1

Location	Files
	<ul style="list-style-type: none"> • 18.2 • 18.3 • 18.4 • 19.0 • 19.1 • 19.2 • 19.3 • 19.4 • 0a.0 • 0b.0 • 0e.0 • 0f.0 • 0f.1 • 0f.2
<code>data/linux/proc/bus/pci/01</code>	<ul style="list-style-type: none"> • 00.0 • 02.0 • 02.1 • 06.0 • 0a.0
<code>data/linux/proc/bus/pci/02</code>	<ul style="list-style-type: none"> • 0d.0 • 0e.0 • 00.0 • 01.0
<code>data/linux/proc/bus/pci/03</code>	00.0
<code>data /linux/proc/bus/pci/07</code>	00.0
<code>data/linux/proc/bus/pci/08</code>	00.0
<code>data/linux/proc/bus/pci/slots</code>	—
<code>data/linux/proc/bus/usb</code>	<ul style="list-style-type: none"> • 001 • 002 • 003 • devices • drivers
<code>data/linux/proc/bus/usb/001</code>	<ul style="list-style-type: none"> • 001 • 002 • 003 • 004 • 005 • 006
<code>data/linux/proc/bus/usb/002</code>	001

Location	Files
<code>data/linux/proc/bus/usb/003</code>	001
<code>data/linux/proc/ide</code>	<ul style="list-style-type: none"> • drivers • hda • hdb • ide0 • svwks
<code>data/linux/proc/ide/hda</code>	<ul style="list-style-type: none"> • capacity • driver • identify • media • model • settings
<code>data/linux/proc/ide/hdb</code>	<ul style="list-style-type: none"> • capacity • driver • identify • media • model • settings
<code>data/linux/proc/ide/ide0</code>	<ul style="list-style-type: none"> • channel • config • mate • model
<code>data/linux/proc/scsi</code>	<ul style="list-style-type: none"> • aacraid • aic7xxx • sg • device_info • ide-scsi • megaraid • scsi • sg
<code>data/linux/proc/scsi/aacraid</code>	2
<code>data/linux/proc/scsi/aic7xxx</code>	<ul style="list-style-type: none"> • 0 • 1
<code>data/linux/proc/scsi/ide-scsi</code>	4
<code>data/linux/proc/scsi/megaraid</code>	3
<code>data/linux/proc/scsi/sg</code>	<ul style="list-style-type: none"> • allow_dio debug • def_reserved_size • device_hdr • devices • device_strs

Location	Files
	<ul style="list-style-type: none"> • host_hdr • hosts • host_strs • version
data/linux/proc/sys	<ul style="list-style-type: none"> • abi • crpto • debug • dev fs • kernel • net • proc • sunrpc • vm
data/linux/proc/sys/abi	<ul style="list-style-type: none"> • defhandler_coff • defhandler_elf • defhandler_lcall7 • defhandler_libcso • fake_utsname • trace • vsyscall32
data /linux/proc/sys.crypto	fips_enabled
data/linux/proc/sys/debug	<ul style="list-style-type: none"> • exception-trace • kerneltype • rpmarch
data/linux/proc/sys/dev	<ul style="list-style-type: none"> • cdrom • hpet • parport • raid • rtc • scsi
data/linux/proc/sys/dev/cdrom	<ul style="list-style-type: none"> • autoclose • autoeject • check_media • debug • info • lock
data Linux/proc/sys/dev/hpet	max-user-freq
data/linux/proc/sys/dev/parport	<ul style="list-style-type: none"> • default • parport0

Location	Files
<code>data/linux/proc/sys/dev/parport/default</code>	<ul style="list-style-type: none"> • spintime • timeslice
<code>data/linux/proc/sys/dev/parport/parport0</code>	<ul style="list-style-type: none"> • autoprobe • autoprobe0 • autoprobe1 • autoprobe2 • autoprobe3 • base-addr • devices • dma • irq • modes • spintime
<code>data/linux/proc/sys/dev/parport/parport0/devices</code>	<ul style="list-style-type: none"> • active • lp
<code>data/linux/proc/sys/dev/parport/parport0/devices/lp</code>	timeslice
<code>data/linux/proc/sys/dev/raid</code>	<ul style="list-style-type: none"> • speed_limit_max • speed_limit_min
<code>data/linux/proc/sys/dev/rtc</code>	max-user-freq
<code>data/linux/proc/sys/dev/scsi</code>	logging_level
<code>data/linux/proc/sys/fs</code>	<ul style="list-style-type: none"> • aio-max-nr • aio-nr • aio-max-pinned • aio-max-size • aio-nr • aio-pinned • binfmt_misc • dentry-state • dir-notify-enable • file-max • file-nr • inode-nr • inode-state • lease-break-time • leases-enable • mqueue • overflowgid • overflowuid • quota • suid_dumpable

Location	Files
<code>data/linux/proc/sys/fs/binfmt_misc</code>	<ul style="list-style-type: none"> • register • status
<code>data/linux/proc/sys/fs/inotify</code>	<ul style="list-style-type: none"> • max_queued_events • max_user_instances • max_user_watches
<code>data/linux/proc/sys/fs/mqueue</code>	<ul style="list-style-type: none"> • msg_max • msgsize_max • queues_max
<code>data/linux/proc/sys/fs/quota</code>	<ul style="list-style-type: none"> • allocated_dquots • cache_hits • drops • free_dquots • lookups • reads • syncs • warnings • writes
<code>data/linux/proc/sys/kernel</code>	<ul style="list-style-type: none"> • pty • random • acct • acpi_video_flags • cad_pid • cap-bound • core_pattern • core_setuid_ok • core_uses_pid • ctrl-alt-del • domainname • exec-shield • exec-shield-randomize • hostname • hotplug • max_lock_depth • modprobe • msgmax • msgmnb • msgmni • ngroups_max • osrelease • ostype • overflowgid • overflowuid

Location	Files
	<ul style="list-style-type: none"> • panic • panic_on_oops • panic_on_unrecovered_nmi • pid_max • print_fatal_signals • printk • printk_ratelimit • printk_ratelimit_burst • randomize_va_space • random • real-root-dev • rtsig-max • rtsig-nr • sched_interactive • sem • sercons_esc • shmall • shmmax • shmmni • softlockup_panic • softlockup_thresh • suid_dumpable • sysrq • sysrq-key • sysrq-sticky • sysrq-timer • tainted • task_size • threads-max • unknown_nmi_panic • vdso • vdso_populate • version • wake_balance
data/linux/proc/sys/kernel/pty	max nr
data/linux/proc/sys/kernel/random	<ul style="list-style-type: none"> • boot_id • entropy_avail poolsize • read_wakeup_threshold • uuid • write_wakeup_threshold
data/linux/proc/sys/net	<ul style="list-style-type: none"> • 802 core • ethernet • ipv4

Location	Files
	<ul style="list-style-type: none"> • ipv6 • token-ring • unix
<code>data/linux/proc/sys/net/802</code>	—
<code>data/linux/proc/sys/net/core</code>	<ul style="list-style-type: none"> • dev_weight • divert_version • hot_list_length • lo_cong • message_burst • message_cost • mod_cong • netdev_max_backlog • no_cong • no_cong_thresh • optmem_max • rmem_default • rmem_max • somaxconn • wmem_default • wmem_max • xfrm_acq_expires • xfrm_aevent_etime • xfrm_aevent_rseqth • xfrm_larval_drop
<code>data/linux/proc/sys/net/ethernet</code>	—
<code>data/linux/proc/sys/net/ipv4</code>	<ul style="list-style-type: none"> • conf • neigh • netfilter • route • cipso_cache_bucket_size • cipso_cache_enable • cipso_rbm_optfmt • cipso_rbm_strictvalid • icmp_echo_ignore_all • icmp_echo_ignore_broadcasts • icmp_errors_use_inbound_ifaddr • icmp_ignore_bogus_error_responses • icmp_ratelimit • icmp_ratemask • igmp_max_memberships • igmp_max_msf • inet_peer_gc_maxtime • inet_peer_gc_mintime

Location	Files
	<ul style="list-style-type: none"> • inet_peer_maxttl • inet_peer_minttl • inet_peer_threshold • ip_autoconfig • ip_contrack_max • ip_default_ttl • ip_dynaddr • ip_forward • ip_local_port_range • ip_no_pmtu_disc • ip_nonlocal_bind • ipfrag_high_thresh • ipfrag_low_thresh • ipfrag_max_dist • ipfrag_secret_interval • ipfrag_time • ip_local_port_range • ip_nonlocal_bind • ip_no_pmtu_disc • neigh • route_tcp_abc • tcp_abort_on_overflow • tcp_adv_win_scale • tcp_app_win • tcp_base_mss • tcp_bic • tcp_bic_beta • tcp_bic_fast_convergence • tcp_bic_low_window • tcp_congestion_control • tcp_dma_copybreak • tcp_dsack • tcp_ecn • tcp_fack • tcp_fin_timeout • tcp_frto • tcp_keepalive_intvl • tcp_keepalive_probes • tcp_keepalive_time • tcp_low_latency • tcp_max_orphans • tcp_max_syn_backlog • tcp_max_tw_buckets • tcp_mem • tcp_moderate_rcvbuf

Location	Files
	<ul style="list-style-type: none"> • tcp_mtu_probing • tcp_no_metrics_save • tcp_orphan_retries • tcp_reordering • tcp_retrans_collapse • tcp_retries1 • tcp_retries2 • tcp_rfc1337 • tcp_rmem • tcp_sack • tcp_slow_start_after_idle • tcp_stdurg • tcp_synack_retries • tcp_syncookies • tcp_syn_retries • tcp_timestamps • tcp_tso_win_divisor • tcp_tw_recycle • tcp_tw_reuse • tcp_vegas_alpha • tcp_vegas_beta • tcp_vegas_cong_avoid • tcp_vegas_gamma • tcp_window_scaling • tcp_wmem • tcp_workaround_signed_windows • udp_mem • udp_rmem_min • udp_wmem_min
data/linux/proc/sys/net/ipv4/conf	<ul style="list-style-type: none"> • all • default • eth0 • lo
data/linux/proc/sys/net/ipv4/conf/all	<ul style="list-style-type: none"> • accept_redirects • accept_source_route • arp_announce • arp_filter • arp_ignore • bootp_relay • disable_policy • disable_xfrm • force_igmp_version • forwarding • log_martians

Location	Files
data/linux/proc/sys/net/ipv4/conf/default	<ul style="list-style-type: none"> • mc_forwarding • medium_id • proxy_arp • rp_filter • secure_redirects • send_redirects • shared_media • tag
data/linux/proc/sys/net/ipv4/conf/eth0	<ul style="list-style-type: none"> • accept_redirects • accept_source_route • arp_announce • arp_filter • arp_ignore • bootp_relay • disable_policy • disable_xfrm • force_igmp_version • forwarding • log_martians • mc_forwarding • medium_id • proxy_arp • rp_filter • secure_redirects • send_redirects

Location	Files
	<ul style="list-style-type: none"> shared_media tag
data/linux/proc/sys/net/ipv4/conf/lo	<ul style="list-style-type: none"> accept_redirects accept_source_route arp_announce arp_filter arp_ignore bootp_relay disable_policy disable_xfrm force_igmp_version forwarding log_martians mc_forwarding medium_id proxy_arp rp_filter secure_redirects send_redirects shared_media tag
data/linux/proc/sys/net/ipv4/neigh	<ul style="list-style-type: none"> default eth0 lo
data/linux/proc/sys/net/ipv4/neigh/default	<ul style="list-style-type: none"> anycast_delay app_solicit base_reachable_time delay_first_probe_time gc_interval gc_stale_time gc_thresh1 gc_thresh2 gc_thresh3 locktime mcast_solicit proxy_delay proxy_qlen retrans_time retrans_time_ms ucast_solicit unres_qlen
data/linux/proc/sys/net/ipv4/neigh/eth0	<ul style="list-style-type: none"> anycast_delay

Location	Files
data/linux/proc/sys/net/ipv4/neigh/lo	<ul style="list-style-type: none"> • app_solicit • base_reachable_time • delay_first_probe_time • gc_stale_time • locktime • mcast_solicit • proxy_delay • proxy_qlen • retrans_time • retrans_time_ms • ucast_solicit • unres_qlen
data/linux/proc/sys/net/ipv4/neigh/lo	<ul style="list-style-type: none"> • anycast_delay • app_solicit • base_reachable_time • delay_first_probe_time • gc_stale_time • locktime • mcast_solicit • proxy_delay • proxy_qlen • retrans_time • retrans_time_ms • ucast_solicit • unres_qlen
data/linux/proc/sys/net/ipv4/netfilter	<ul style="list-style-type: none"> • ip_contrack_buckets • ip_contrack_count • ip_contrack_generic_timeout • ip_contrack_icmp_timeout • ip_contrack_log_invalid • ip_contrack_max • ip_contrack_tcp_be_liberal • ip_contrack_tcp_loose • ip_contrack_tcp_max_retrans • ip_contrack_tcp_timeout_close • ip_contrack_tcp_timeout_close_wait • ip_contrack_tcp_timeout_established \ • ip_contrack_tcp_timeout_fin_wait • ip_contrack_tcp_timeout_last_ack • ip_contrack_tcp_timeout_max_retrans • ip_contrack_tcp_timeout_syn_recv • ip_contrack_tcp_timeout_syn_sent • ip_contrack_tcp_timeout_time_wait • ip_contrack_udp_timeout

Location	Files
	<ul style="list-style-type: none"> ip_contrack_udp_timeout_stream
data/linux/proc/sys/net/ipv4/route	<ul style="list-style-type: none"> error_burst error_cost flush gc_elasticity gc_interval gc_min_interval gc_thresh gc_timeout max_delay max_size min_adv_mss min_delay min_pmtu mtu_expires redirect_load redirect_number redirect_silence secret_interval
data/linux/proc/sys/net/ipv6	<ul style="list-style-type: none"> conf icmp neigh route bindv6only ip6frag_high_thresh ip6frag_low_thresh ip6frag_secret_interval ip6frag_time mld_max_msf
data/linux/proc/sys/net/ipv6/conf	<ul style="list-style-type: none"> all default etho lo
data/linux/proc/sys/net/ipv6/conf/all	<ul style="list-style-type: none"> accept_ra accept_redirects autoconf dad_transmits force_mld_version forwarding hop_limit max_addresses max_desync_factor

Location	Files
data/linux/proc/sys/net/ipv6/conf/default	<ul style="list-style-type: none"> • mtu • regen_max_retry • router_solicitation_delay • router_solicitation_interval • router_solicitations • temp_prefered_lft • temp_valid_lft • use_tempaddr
data/linux/proc/sys/net/ipv6/conf/eth0	<ul style="list-style-type: none"> • accept_ra • accept_redirects • autoconf • dad_transmits • force_mld_version • forwarding • hop_limit • max_addresses • max_desync_factor • mtu • regen_max_retry • router_solicitation_delay • router_solicitation_interval • router_solicitations • temp_prefered_lft • temp_valid_lft • use_tempaddr
data/linux/proc/sys/net/ipv6/conf/lo	<ul style="list-style-type: none"> • accept_ra

Location	Files
	<ul style="list-style-type: none"> • accept_redirects • autoconf • dad_transmits • force_mld_version • forwarding • hop_limit • max_addresses • max_desync_factor • mtu • regen_max_retry • router_solicitation_delay • router_solicitation_interval • router_solicitations • temp_preferred_lft • temp_valid_lft • use_tempaddr
<code>data/linux/proc/sys/net/token-ring</code>	<code>rif_timeout</code>
<code>data/linux/proc/sys/net/unix</code>	<code>max_dgram_qlen</code>
<code>data/linux/proc/sys/proc</code>	—
<code>data/linux/proc/sys/sunrpc</code>	<ul style="list-style-type: none"> • max_resvport • min_resvport • nfs_debug • nfsd_debug • nlm_debug • rpc_debug • tcp_slot_table_entries • udp_slot_table_entries
<code>data/linux/proc/sys/vm</code>	<ul style="list-style-type: none"> • bdflush • block_dump • dirty_background_ratio • dirty_expire_centisecs • dirty_ratio • dirty_writeback_centisecs • drop_caches • dcache_priority • flush_mmap_pages • hugetlb_shm_group • hugetlb_pool • inactive_percent • inactive_clean_percent • kswapd • laptop_mode • legacy_va_layout • lower_zone_protection

Location	Files
data /linux/var	<ul style="list-style-type: none"> • max_map_count • max-readahead • min-readahead • max_queue_depth • min_free_kbytes • mmap_min_addr • nfs-writeback-lowmem-only • nr_hugepages • nr_pdflush_threads • oom-kill • overcommit_memory • overcommit_ratio • pagecache • page-cluster • panic_on_oom • pagetable_cache • percpu_pagelist_fraction • swap_token_timeout • swappiness • stack_defer_threshold • toss_page_cache_nodes • vdso_enabled • vfs_cache_pressure • write-mapped • zone_reclaim_interval • zone_reclaim_mode
data /linux/var/log	<p>log</p> <ul style="list-style-type: none"> • dmesg • mcelog • messages