

Dell™ Systems Software Support Matrix Version 6.2

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



CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

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Supported Browsers


Dell™ Systems Software Support Matrix Version 6.2


[Table 6-1](#) lists the browsers that support Dell OpenManage™ in Dell systems.

Table 6-1. Supported Browsers


Operating System	Windows Server® 2003 R2	Windows XP	Windows Server 2008	Windows Server 2008 R2	Windows Vista®	SUSE® Linux Enterprise Server 10	SUSE Linux Enterprise Server 11
Browser	Internet Explorer 8.0 Internet Explorer 7.0 Internet Explorer 6.0 SP2 Firefox 3.0	Internet Explorer 8.0 Internet Explorer 6.0 SP2 Firefox 3.0	Internet Explorer 8.0 Internet Explorer 7.0 Firefox 3.0	Internet Explorer 8.0	Internet Explorer 8.0 Internet Explorer 7.0 Firefox 3.0	Firefox 2.0	Firefox 3.0

 **NOTE:** IT Assistant is not supported on Firefox 3.0 for Microsoft Windows Server 2008 Family.

 **NOTE:** iDRAC 1.4/2.0 is not supported on Internet Explorer 8.0.

 **NOTE:** For the latest information, see the readme file for the specific product available on support.dell.com/manuals. On this page, click **Software > Systems Management > Dell OpenManage Releases**. Select the OpenManage Release version and then select the appropriate product to view the readme file.

M805									D, S	D, S	D, S	D, S	D, S	D, S	D, S
M905									D, S	D, S	D, S	D, S	D, S	D, S	D, S
T100		*	*	*	*	*	*	*	*	*	*	*	*	*	*
T105		*	*	*	*	*	*	*	*	*	*	*	*	*	*
T110						D	D	D	D	D	D	D	D	D	D
T300		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T310						D	D	D	D	D	D	D	D	D	D
T410		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T605		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T610		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T710		D	D	D	D	D	D	D	D	D	D	D	D	D	D
6950						D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2970				D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2950		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2900		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1955								D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1950		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1900		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
6850								D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
6800								D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2850				D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2800		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1855								D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1850				D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1800		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
860		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
850				D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
840		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
830		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
800		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC1435				D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC1430		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC1425								D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC440		D, S	D, S	D, S	D, S			D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC430		D, S	D, S					D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
SC420		D, S	D, S					D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
PowerVault 100															
PowerVault 500															
PowerVault 600															
PowerVault DL2000															
PowerVault NX1950															
PowerVault NX3000															

 **NOTE:** Dell PowerVault DL2000 supports only Windows Server 2008 x64 Standard Edition with SP1 installation.

Supported Change Management Software on Linux Operating Systems

[Table 3-2](#) lists the supported Dell OpenManage 6.2 change management software on systems running supported Linux operating system.

- 1 A D in the intersection of the operating system and the Dell system columns indicates support for Dell Update Packages.
- 1 An S in the intersection of the operating system and the Dell system columns indicates support for Server Update Utility.


 **NOTE:** Server Update Utility is used for server updates and may not work on newly released Dell systems that do not receive any server updates.

Table 3-2. Supported Dell OpenManage Change Management Software on Systems Running Linux Operating Systems

Dell System	SUSE® Linux	SUSE Linux	Red Hat® Enterprise Linux®	Red Hat Enterprise Linux 4.8	Red Hat
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	Edition	Enterprise Server 10 (x86_64)	Enterprise Server 11 (x86_64)	4.8 (x86_32)			(x86_64)			Linux 5 (x86)
				WS	ES	AS	WS	ES	AS	
	Service Pack	SP3		Gold	Gold	Gold	Gold	Gold	Gold	U
R200		D, S	D, S		D, S	D, S		D, S	D, S	D,
R210		D	D		D	D		D	D	I
R300		D, S	D, S		D, S	D, S		D, S	D, S	D,
R410		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
R510		D	D		D	D		D	D	I
R610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
R710		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
R805		D, S	D, S		D, S	D, S		D, S	D, S	D,
R900		D, S	D, S		D, S	D, S		D, S	D, S	D,
R905		D, S	D, S			D, S			D, S	D,
M600		D, S	D, S		D, S	D, S		D, S	D, S	D,
M605		D, S	D, S		D, S	D, S		D, S	D, S	D,
M610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
M710		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
M805		D, S	D, S		D, S	D, S	D, S	D, S	D, S	D,
M905		D, S	D, S		D, S	D, S	D, S	D, S	D, S	D,
T100		*	*	*	*	*	*	*	*	:
T105		*	*	*	*	*	*	*	*	:
T110		D	D		D	D		D	D	I
T300		D, S	D, S		D, S	D, S		D, S	D, S	D,
T310		D	D		D	D		D	D	I
T410		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
T605		D, S	D, S		D, S			D, S		D,
T610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
T710		D	D	D	D	D	D	D	D	I
6950		D, S	D, S			D, S			D, S	D,
2970		D, S	D, S		D, S	D, S		D, S	D, S	D,
2950		D, S	D, S		D, S	D, S		D, S	D, S	D,
2900		D, S	D, S		D, S	D, S		D, S	D, S	D,
1955		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
1950		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D,
1900		D, S	D, S		D, S	D, S		D, S	D, S	D,
6850		D, S	D, S			D, S			D, S	D,
6800		D, S	D, S			D, S			D, S	D,
2850					D, S	D, S		D, S	D, S	D,
2800					D, S	D, S		D, S	D, S	D,
1855				D, S	D, S	D, S	D, S	D, S	D, S	D,
1850				D, S	D, S	D, S	D, S	D, S	D, S	D,
1800				D, S	D, S	D, S	D, S	D, S	D, S	D,
860		D, S	D, S		D, S	D, S		D, S	D, S	D,
850					D, S	D, S		D, S	D, S	D,
840		D, S	D, S		D, S	D, S		D, S	D, S	D,
830					D, S	D, S		D, S	D, S	D,
800					D, S	D, S		D, S	D, S	D,
SC1435		D, S	D, S	D, S	D, S		D, S	D, S		D,
SC1430		D, S	D, S		D, S			D, S		D,
SC1425				D, S	D, S		D, S	D, S	D, S	D,
SC1420					D, S			D, S	D, S	D,
SC440		D, S	D, S		D, S			D, S		D,
SC430					D, S			D, S		D,
SC420					D, S					D,

PowerVault 100										
PowerVault 500										
PowerVault 600										
PowerVault DL2000										
PowerVault NX1950										
PowerVault NX3000										

Supported Change Management Software on Virtualization Operating Systems

Table 3-3 lists the supported Dell OpenManage 6.2 change management software on systems running supported Virtualization operating system.

- 1 A D in the intersection of the operating system and the Dell system columns indicates support for Dell Update Packages.
- 1 An S in the intersection of the operating system and the Dell system columns indicates support for Server Update Utility.

Table 3-3. Supported Dell OpenManage Change Management Software on Systems Running Virtualization Operating Systems

Dell System	Edition	VMware®						Microsoft		
		ESX	ESX	ESXi		ESXi		Hyper-V	Hyper-V R2	Hyper-V Server
		3.5 U5	4.0 U1	3.5 U5		4.0 U1				
	Service Pack			HDD	Flash	HDD	Flash			
R200		D, S	D, S	D, S		D, S		D, S	D, S	D, S
R210		D	D	D		D		D	D	D
R300		D, S	D, S	D, S		D, S		D, S	D, S	D, S
R410		D, S	D, S	D, S		D, S		D, S	D, S	D, S
R510		D	D	D		D		D	D	D
R610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
R710		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
R805		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
R900		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
R905		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
M600		D, S	D, S	D, S		D, S		D, S	D, S	D, S
M605		D, S	D, S	D, S		D, S		D, S	D, S	D, S
M610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
M710		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
M805		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
M905		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T100		D, S	D, S					D, S	D, S	D, S
T105		D, S	D, S					D, S	D, S	D, S
T110		D	D	D		D		D	D	D
T300		D, S	D, S	D, S		D, S		D, S	D, S	D, S
T310		D	D	D		D		D	D	D
T410		D, S	D, S	D, S		D, S		D, S	D, S	D, S
T605		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T610		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
T710		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
6950		D, S	D, S					D, S	D, S	D, S
2970		D, S	D, S					D, S	D, S	D, S
2950		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
2900		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1955		D, S	D, S					D, S	D, S	D, S
1950		D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1900								D, S	D, S	D, S
6850		D, S	D, S							

6800										
2850		D, S	D, S							
2800										
1855		D, S								
1850		D, S	D, S							
1800										
860							D, S	D, S	D, S	
850										
840							D, S	D, S	D, S	
830										
800										
SC1435							D, S	D, S	D, S	
SC1430							D, S	D, S		
SC1425										
SC1420										
SC440							D, S	D, S	D, S	
SC430										
SC420										
PowerVault 100										
PowerVault 500										
PowerVault 600										
PowerVault DL2000										
PowerVault NX1950										
PowerVault NX3000										

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Supported Dell OpenManage Systems Management Software

Dell™ Systems Software Support Matrix Version 6.2

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Dell™ OpenManage™ systems management software is a suite of application programs for Dell systems. This software allows you to manage your system with proactive monitoring, notification, and remote access.

Dell OpenManage systems management software can be divided into:

1 Dell OpenManage Server Administrator

Dell OpenManage Server Administrator is a comprehensive, one-to-one systems management solution, designed for system administrators, to manage systems locally and remotely on a network.

Server Administrator comprises the following services:

- 1 Server Administrator Web Server
- 1 Server Instrumentation
- 1 Remote Enablement
- 1 Remote Access Controller
- 1 Storage Management

For more information about Dell OpenManage Server Administrator, see the *Dell OpenManage Server Administrator User's Guide*. This guide is available on the Dell Support website at support.dell.com.

1 Dell Systems Build and Update Utility

Dell Systems Build and Update Utility is designed to speed up the setup and performance of Dell systems. Dell Systems Build and Update Utility provides a series of intuitive and easy-to-follow interview screens that help guide you through the server installation process.

For more information about Systems Build and Update Utility, see the *Dell Systems Build and Update Utility User's Guide* available on the Dell Support website at support.dell.com.

Documentation Conventions for Dell Systems

[Table 2-1](#) lists all the Dell systems that belong to the x8xx, x9xx, xx0x, and xx1x groups.

Table 2-1. Documentation Conventions for Dell Systems

x8xx	x9xx	xx0x	xx1x
800	1900	T105	T710
830	1950	R200	M710
840	1955	M600	M610
850	2900	M605	T410
860	2950	R805	R210
1800	2970	R900	R410
1850	6950	T605	R510
1855	PowerVault 100	R905	R610
2800	PowerVault 500	T300	R710
2850	PowerVault 600	R300	T110
6800	PowerVault DL2000	M805	T310
6850	PowerVault NX1950	M905	T610
		T100	T710
			PowerVault NX3000

Supported Dell OpenManage Systems Management Software on Microsoft Windows Operating Systems

[Table 2-2](#) lists the supported Dell OpenManage 6.2 installation and systems management software on systems running supported Microsoft® Windows® operating systems.

- 1 An X in the intersection of the operating system and the Dell system columns indicates that Server Administrator and Dell Systems Build and Update Utility are supported on that operating system for the corresponding system.
- 1 An A in the intersection of the operating system and the Dell system columns indicates systems that support Dell Systems Build and Update Utility but not Server Administrator.
- 1 An asterisk (*) in the intersection of the operating system and the Dell system columns indicates operating system support for Dell systems that do not support Dell OpenManage software.

 **NOTE:** For more information about when Microsoft Windows Server 2008 SP2 will be available, see www.microsoft.com.


 **NOTE:** If you choose to have the VMware ESXi 3.5 update 4 operating system factory-installed on Dell T710, R410, or T410 systems, Dell OpenManage version 6.0.3 is installed on these systems.

Table 2-2. Supported Dell OpenManage Systems Management Software on Systems Running Microsoft Windows Operating Systems

Dell System	Windows Small Business Server 2003 R2		Windows Small Business Server 2008		Windows Essential Business Server 2008		Windows Server® 2003 R2 x86			Windows Server 2003 R2 x64			Wir		
	Edition	Standard	Premium	Standard	Premium	Standard	Premium	Web	Standard	Enterprise	Standard	Enterprise		Datacenter	Web
		Service Pack	SP2	SP2					SP2	R2-SP2	R2-SP2	R2-SP2		R2-SP2	R2-SP2
R200				X	X	X	X	X	X	X	X	X	X	X	
R210				X	X	X	X	X	X	X	X	X	X	X	
R300				X	X	X	X	X	X	X	X	X	X	X	
R410		X	X	X	X	X	X	X	X	X	X	X	X	X	
R510		X	X			X	X	X	X	X	X	X	X	X	
R610		X	X					X	X	X	X	X	X	X	
R710		X	X					X	X	X	X	X	X	X	
R805						X	X	X	X	X	X	X	X	X	
R900						X	X	X	X	X	X	X	X	X	
R905						X	X	X	X	X	X	X	X	X	
M600								X	X	X	X	X	X	X	
M605								X	X	X	X	X	X	X	
M610						X	X	X	X	X	X	X	X	X	
M710						X	X	X	X	X	X	X	X	X	
M805								X	X	X	X	X	X	X	
M905								X	X	X	X	X	X	X	
T100		*	*	*	*	*	*	*	*	*	*	*	*	*	
T105		*	*	*	*	*	*	*	*	*	*	*	*	*	
T110				X	X	X	X	X	X	X	X	X	X		
T300		X	X	X	X	X	X	X	X	X	X	X	X	X	
T310		X	X	X	X	X	X	X	X	X	X	X	X	X	
T410		X	X	X	X	X	X	X	X	X	X	X	X	X	
T605		X	X			X	X	X	X	X	X	X	X	X	
T610		X	X					X	X	X	X	X	X	X	
T710		X	X			X	X	X	X	X	X	X	X	X	
6950						X	X	X	X	X	X	X	X	X	
2970				X	X	X	X	X	X	X	X	X	X	X	
2950		X	X	X	X	X	X	X	X	X	X	X	X	X	
2900		X	X	X	X	X	X	X	X	X	X	X	X	X	
1955								X	X	X	X	X	X	X	
1950		X	X	X	X	X	X	X	X	X	X	X	X	X	
1900		X	X	X	X	X	X	X	X	X	X	X	X	X	
6850								X	X	X	X	X	X	X	
6800								X	X	X	X	X	X	X	
2850				X	X			X	X	X	X	X	X	X	
2800		X	X	X	X			X	X	X	X	X	X	X	
1855								X	X	X	X	X	X	X	
1850				X	X			X	X	X	X	X	X	X	
1800		X	X	X	X			X	X	X	X	X	X	X	

860		X	X	X	X			X	X	X	X	X	X	X
850				X	X			X	X	X	X	X	X	X
840		X	X	X	X			X	X	X	X	X	X	X
830		X	X	X	X			X	X	X	X	X	X	X
800		X	X	X	X			X	X	X	X	X	X	X
SC1435				*	*			*	*	*	*	*	*	*
SC1430		*	*	*	*			*	*	*	*	*	*	*
SC1425								*	*	*	*	*	*	*
SC440		*	*	*	*			*	*	*	*	*	*	*
SC430		*	*					*	*	*	*	*	*	*
SC420		*	*					*	*	*	*	*	*	*
PowerVault 100														
PowerVault 500														
PowerVault 600														
PowerVault DL2000														
PowerVault NX1950														
PowerVault NX3000														

 **NOTE:** Dell PowerVault DL2000 supports the installation of only the Windows Server 2008 x64 Standard Edition with SP1 operating system.

Supported Dell OpenManage Systems Management Software on Linux Operating Systems

Table 2-3 lists the supported Dell OpenManage 6.2 installation and systems management software on systems running supported Linux operating system.

- 1 An X in the intersection of the operating system and the Dell system columns indicates that Server Administrator and Dell Systems Build and Update Utility are supported on that operating system for the corresponding Dell system.
- 1 An A in the intersection of the operating system and the Dell system columns indicates systems that support Dell Systems Build and Update Utility but not Server Administrator.
- 1 An asterisk (*) in the intersection of the operating system and the Dell system columns indicates operating system support for Dell systems that do not support Dell OpenManage software.

Table 2-3. Supported Dell OpenManage Systems Management Software on Systems Running Linux Operating Systems

Dell System	SUSE® Linux Enterprise Server 10 (x86_64)		SUSE Linux Enterprise Server 11 (x86_64)		Red Hat® Enterprise Linux® 4.8 (x86_32)			Red Hat Enterprise Linux 4.8 (x86_64)		
	Edition				WS	ES	AS	WS	ES	AS
	Service Pack	SP3			Gold	Gold	Gold	Gold	Gold	Gold
R200		X	X			X	X		X	X
R210		X	X		X	X	X	X	X	X
R300		X	X			X	X		X	X
R410		X	X		X	X	X	X	X	X
R510		X	X		X	X	X	X	X	X
R610		X	X		X	X	X	X	X	X
R710		X	X		X	X	X	X	X	X
R805		X	X			X	X		X	X
R900		X	X			X	X		X	X
R905		X	X				X			X
M600		X	X			X	X		X	X
M605		X	X			X	X		X	X
M610		X	X		X	X	X	X	X	X
M710		X	X		X	X	X	X	X	X

M805		X	X		X	X	X	X	X
M905		X	X		X	X	X	X	X
T100		*	*	*	*	*	*	*	*
T105		*	*	*	*	*	*	*	*
T110		X	X	X	X	X	X	X	X
T300		X	X		X	X		X	X
T310		X	X	X	X	X	X	X	X
T410		X	X	X	X	X	X	X	X
T605		X	X		X			X	
T610		X	X	X	X	X	X	X	X
T710		X	X	X	X	X	X	X	X
6950		X	X			X			X
2970		X	X		X	X		X	X
2950		X	X		X	X		X	X
2900		X	X		X	X		X	X
1955		X	X	X	X	X	X	X	X
1950		X	X	X	X	X	X	X	X
1900		X	X		X	X		X	X
6850		X	X			X			X
6800		X	X			X			X
2850					X	X		X	X
2800					X	X		X	X
1855				X	X	X	X	X	X
1850				X	X	X	X	X	X
1800				X	X	X	X	X	X
860		X	X		X	X		X	X
850					X	X		X	X
840		X	X		X	X		X	X
830					X	X		X	X
800					X	X		X	X
SC1435		*	*	*	*		*	*	*
SC1430		*	*		*			*	
SC1425				*	*		*	*	*
SC1420					*			*	*
SC440		*	*		*			*	
SC430					*			*	
SC420					*				
PowerVault 100									
PowerVault 500									
PowerVault 600									
PowerVault DL2000									
PowerVault NX1950									
PowerVault NX3000									

Supported Dell OpenManage Systems Management Software on Virtualization Operating Systems

Table 2-4 lists the supported Dell OpenManage 6.2 installation and systems management software on systems running supported virtualization operating system.

- 1 An X in the intersection of the operating system and the Dell system columns indicates that Server Administrator and Dell Systems Build and Update Utility are supported on that operating system for the corresponding Dell system.
- 1 An A in the intersection of the operating system and the Dell system columns indicates systems that support Dell Systems Build and Update Utility but not Server Administrator.
- 1 An asterisk (*) in the intersection of the operating system and the Dell system columns indicates operating system support for Dell systems that do not support Dell OpenManage software.

Table 2-4. Supported Dell OpenManage Systems Management Software on Systems Running Virtualization Operating Systems

SC440								*	*	*
SC430										
SC420										
PowerVault 100										
PowerVault 500										
PowerVault 600										
PowerVault DL2000										
PowerVault NX1950										
PowerVault NX3000										

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Introduction

Dell™ Systems Software Support Matrix Version 6.2

- [What's New for this Release](#)
- [Where Can I Find The Server Administrator Application?](#)
- [Structure of This Guide](#)
- [Supported Operating Systems](#)
- [Supported GUI Languages](#)

The Dell™ Systems Software Support Matrix helps identify Dell OpenManage™ software and other Dell components supported on various Dell systems.

This guide is intended for system administrators and technicians who want to obtain information about the various Dell systems available, the operating systems supported by these systems, and the Dell OpenManage components that can be installed on these systems.

What's New for this Release

The following are the changes in Dell OpenManage for this release:

- 1 Support for Microsoft® Windows Server® 2008 R2
 - 1 Support for Windows 7 Professional (32-bit x86) and (x64)
 - 1 Support for following Dell Systems: R210, T110, T310, R510, and T710
-

Where Can I Find The Server Administrator Application?

Depending on the version of Dell OpenManage you are using, the Server Administrator is available on different media. See [Table 1-1](#) for more information.

Table 1-1. Server Administrator and Corresponding Media

Dell OpenManage Version	Available on Media
5.4 and later	<i>Dell Systems Management Tools and Documentation DVD</i>
5.3–5.3.2	<i>Dell Systems Console and Agent CD</i> or the <i>Dell Systems Management Tools and Documentation DVD</i>
4.3–5.2.3	<i>Dell PowerEdge Installation and Server Management CD</i>
3.0–4.2	<i>Systems Management CD</i>
2.2 and earlier	<i>Applications CD</i>

Structure of This Guide

This guide is organized on the basis of the Dell OpenManage suite of products and the operating systems on which these products are supported.

This guide contains the following chapters:

[Supported Dell OpenManage Systems Management Software](#)

This chapter contains information about Dell OpenManage systems management software on Dell systems running supported operating systems. Dell OpenManage systems management software includes:

- 1 Dell OpenManage Server Administrator
- 1 Dell Systems Build and Update Utility

[Supported Dell OpenManage Change Management Software](#)

This chapter contains information about Dell OpenManage change management software on Dell systems running supported operating systems. Dell OpenManage change management software includes:

- 1 Dell Update Packages
- 1 Server Update Utility

[Supported Dell OpenManage Systems Management Consoles](#)

This chapter contains information about Dell OpenManage systems management consoles on Dell systems running supported operating systems. Dell OpenManage systems management consoles include:

- 1 Dell OpenManage IT Assistant
- 1 Dell Management Console
- 1 DRAC tools that include RACADM and VMCLI
- 1 BMC Management Utility (BMU) and IPMItool out-of-band
- 1 IPMItool in-band

[Supported Dell Remote Access Controllers and Solutions](#)

This chapter contains information about Dell Remote Access Controllers (DRAC) and Integrated Dell Remote Access Controllers (iDRAC) versions and firmware, as well as supported Baseboard Management Controllers (BMC) and Chassis Management Controllers (CMC) IPMI protocol versions.

[Supported Browsers](#)

This chapter lists supported browsers on various operating systems for Dell systems.

[Network Interface Controllers and Supported Operating Systems](#)

This chapter contains information about Network Interface Controllers and Supported Operating Systems.

[RAID Controller Supported Servers, Operating Systems, Firmware, and Driver Versions](#)

This chapter contains information about RAID controller supported servers, version of the Storage Management Service, Dell System Management version, Firmware version number required for a particular controller, and Supported operating systems, where each operating system requires a specific driver.

Supported Operating Systems

This Software Support Matrix offers support information for the following operating systems:

Microsoft Windows Operating Systems

- 1 Windows 7 Professional (32-bit x86) and (x64)
- 1 Microsoft® Windows Server® 2008 Web, Core Standard, and Core Enterprise (32-bit x86) editions with SP2
- 1 Microsoft Windows Server 2008 Core Standard, Core Enterprise, and Core Datacenter (x64) editions with SP2
- 1 Microsoft Windows Server 2008 R2 Standard and Core, Enterprise and Core, Datacenter and Core (x64) editions
- 1 Microsoft Windows Server 2008 Foundation
- 1 Microsoft Windows Server 2003 Web, Standard and Enterprise (32-bit x86) editions with SP2
- 1 Microsoft Windows Server 2003 Standard, Enterprise, and Datacenter (x64) editions with SP2
- 1 Microsoft Windows Server 2003 R2 Standard and Enterprise (32-bit x86) editions with SP2
- 1 Microsoft Windows Server 2003 R2 Standard, Enterprise, and Datacenter (x64) editions with SP2
- 1 Microsoft Windows® Essential Business Server 2008 Standard and Premium editions
- 1 Microsoft Windows Small Business Server 2008 Standard and Premium editions
- 1 Microsoft Windows Small Business Server 2003 Standard and Premium editions with SP2
- 1 Microsoft Windows Storage Server 2008 Express, Workgroup, Standard, and Enterprise x64 editions
- 1 Microsoft Windows Storage Server 2003 R2 Express, Workgroup, Standard, and Enterprise x64 editions with SP2
- 1 Microsoft Windows Server 2003 Compute Cluster Edition and Microsoft Windows Server 2008 HPC Edition
- 1 Microsoft Windows Unified Data Storage Server 2003 Standard and Enterprise x64 editions
- 1 Microsoft Windows XP Professional with SP3 (32-bit x86)
- 1 Microsoft Windows Vista® Business and Enterprise editions.

Linux Operating Systems

- 1 SUSE® Linux Enterprise Server 11 (x86_64)
- 1 SUSE Linux Enterprise Server 10 with SP3 (x86_64)
- 1 Red Hat Enterprise Linux 5 server with Update 3 (x86_32)

- 1 Red Hat Enterprise Linux 5 server with Update 3 (x86_64)
- 1 Red Hat Enterprise Linux WS, ES, and AS version 4.8 (x86_32)
- 1 Red Hat Enterprise Linux WS, ES, and AS version 4.8 (x86_64)

Virtualization Operating Systems

- 1 Microsoft Hyper-V, Hyper-V R2, and Hyper-V Server
- 1 VMware® ESX version 3.5 update 5 and version 4.0 update 1
- 1 VMware® ESXi version 3.5 update 5 and version 4.0 update 1
- 1 Citrix™ XenServer™ 5.5

 **NOTE:** For Dell OpenManage information specific to VMware, see the latest Installation Guide, Release Notes, and the Dell-VMware Compatibility Matrix under the **Resources** → **Support Documents** section at www.dell.com/vmware.

Supported GUI Languages

Dell OpenManage is localized into French, German, Spanish, Japanese, and Simplified Chinese. Dell OpenManage software is localized according to the matrix in the following table. Dell OpenManage does not support languages outside of this table.

[Table 1-2](#) plots the language of the Dell OpenManage GUI against the operating system languages.

Table 1-2. Supported Dell OpenManage GUI Languages

Dell OpenManage GUI Language	English Operating System	French Operating System	German Operating System	Spanish Operating System	Simplified Chinese Operating System	Japanese Operatin
English	X	X	X	X	X	X
French		X				
German			X			
Spanish				X		
Simplified Chinese					X	
Japanese						X

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Edition			WS	ES	AS	WS	ES	AS		
Service Pack		SP3	Gold	Gold	Gold	Gold	Gold	Gold	Update 3	Update 3
BMU/IPMI tool out-of-band	X	X	X	X	X	X	X	X	X	X

Supported Systems for IPMI tool In-Band

IPMI tool in-band also helps in configuring and managing devices.

For more information on IPMI tool, see the *Dell OpenManage Baseboard Management Controller Utilities User's Guide* available on the Dell Support website at support.dell.com.

Supported Microsoft Windows Operating Systems for IPMI tool In-Band

[Table 4-8](#) shows supported Microsoft Windows operating systems for IPMI tool in-band. An X in the operating system column indicates IPMI tool in-band support.

Table 4-8. Supported Microsoft Windows Operating Systems for IPMI tool In-Band

Edition	Windows Server 2003 R2 x86			Windows Server 2003 R2 x64			Windows Server 2008 x86			Windows Server 2008 x64		Windows Server 2008 R2 x86		
	Web	Standard	Enterprise	Standard	Enterprise	Datacenter	Web	Standard	Enterprise	Standard	Datacenter	Web	Standard and Core	Enterprise and Core
Service Pack	SP2	SP2	SP2	SP2	SP2	SP2	SP2	SP2	SP2	Gold	Gold			
IPMI tool in-band	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Supported Linux Operating Systems for IPMI tool In-Band

[Table 4-9](#) shows supported Linux operating systems for IPMI tool in-band. An X in the operating system column indicates IPMI tool in-band support.

Table 4-9. Supported Linux Operating Systems for IPMI tool In-Band

Edition	SUSE Linux Enterprise Server 11 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat Enterprise Linux 4.8 (x86_32)			Red Hat Enterprise Linux 4.8 (x86_64)			Red Hat Enterprise Linux 5.3 server (x86_32)	Red Hat Enterprise Linux 5.3 server (x86_64)
			WS	ES	AS	WS	ES	AS		
Service Pack		SP3	Gold	Gold	Gold	Gold	Gold	Gold	Update 3	Update 3
IPMI tool in-band	X	X	X	X	X	X	X	X	X	X

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Network Interface Controllers and Supported Operating Systems

Dell™ Systems Software Support Matrix Version 6.2

- [Overview](#)
- [NIC Drivers and Operating Systems](#)

Overview

The drivers required for a Network Interface Card (NIC) depend on the operating system installed on your system.

[Table 7-1](#) shows the relationship between NICs supported by Dell™ OpenManage™ Server Administrator and the drivers that they require on each supported operating system.


NIC Drivers and Operating Systems

To determine required drivers for NIC systems management, locate your NIC manufacturer in [Table 7-1](#) and the operating system that is installed on your system.

In [Table 7-1](#), "NA" indicates that the driver is supplied by the operating system rather than by the manufacturer of the NIC.

Table 7-1. NIC Manufacturers and Drivers Required for Supported Operating Systems

NIC Product Name	Microsoft Windows 2003 Family	Microsoft Windows 2008 Family	Red Hat® Enterprise Linux® 4.8	Red Hat Enterprise Linux Server 5.3
Broadcom® NetXtreme™ Family of Adapters (5721, 5722)	11.7	11.7	3.92n	3.92n
Broadcom NetXtreme II Family of Adapters (BCM5708, BCM5709)	4.6	4.6	1.8.7b	1.8.7b
Broadcom NetXtreme II Family of Adapter 10GbE (BCM57710)	4.6	4.6	1.48.107	1.48.107
Intel® EtherExpress® Family of Adapters	8.0.17 (Intel PRO/100 Adapters) 8.4.21 (Intel PRO/1000 Adapters)	NA	NA (Intel PRO/100 Adapters) 5.7.6.1 (Intel PRO/1000 Adapters)	See the appropriate release for the latest information
3COM® 3C98x Family of Adapters	NA	NA	NA	NA
Alteon™ ACEnic™ Copper Gigabit	NA	NA	NA	NA

 **NOTE:** Dell no longer supports following NICs: **3COM® 3C98x Family of Adapters** and **Alteon™ ACEnic™ Copper Gigabit**.


RAID Controller Supported Servers, Operating Systems, Firmware, and Driver Versions

Dell™ Systems Software Support Matrix Version 6.2

- [Overview](#)
- [PERC 4/DC](#)
- [PERC 4e/DC](#)
- [PERC 3/DC](#)
- [PERC 3/QC](#)
- [PERC 4/Di](#)
- [CERC ATA 100 4/CH](#)
- [PERC 3/Di](#)
- [PERC 4/IM](#)
- [PERC 4/SC](#)
- [CERC SATA 1.5/6 Channel](#)
- [PERC 4e/Di](#)
- [PERC 4e/Si](#)
- [PERC 5/E Adapter](#)
- [PERC 5/i Adapter](#)
- [PERC 5/i Integrated](#)
- [CERC 6/i Integrated](#)
- [SAS 5/iR Adapter](#)
- [SAS 5/iR Integrated](#)
- [SAS 5/i Integrated](#)
- [SAS 5/E Adapter](#)
- [PERC 6/i Integrated and Adapter](#)
- [PERC 6/E Adapter](#)
- [SAS 6/iR Integrated and Adapter](#)
- [LSI Logic 1020/1030 Ultra320 SCSI Adapter](#)
- [CERC SATA 1.5/2S](#)
- [LSI 1020/1030 Embedded SCSI Controller](#)
- [LSI Logic 2032 Card](#)
- [PERC H700 Integrated and Adapter](#)
- [PERC H800 Adapter](#)
- [PERC H700 Modular](#)
- [PERC H200](#)

Overview

Starting with Dell™ OpenManage™ Server Administrator version 5.0, only the enhanced Storage Management Service will be supported. The Storage Management Service allows you to configure and manage your storage devices from within Server Administrator.

 **NOTE:** The Storage Management Service mentioned in this guide refers to the enhanced Storage Management Service. Server Administrator no longer supports the basic Storage Management Service (also known as Array Manager).

 **NOTE:** This chapter contains release specific RAID Controller Supported Servers, Operating Systems, Firmware, and Driver versions details. For detailed information on RAID controller supported servers, operating systems, firmware, and driver versions, see *Dell OpenManage Server Administrator Compatibility Guide* available on the Dell Support website at support.dell.com/manuals.


Most of the systems management releases support management of RAID controllers in the form of PERC cards, and some systems management releases also support CERC IDE and SATA controllers. System administrators responsible for monitoring the compatibility of their systems' storage devices need a clear matrix that shows the elements that are compatible with a particular storage controller. Each storage controller version in turn supports a specific array of elements, including:

- 1 Version of the Storage Management Service
- 1 Dell system
- 1 Firmware version number required for a particular controller
- 1 Supported operating systems, where each operating system requires a specific driver

For more information on Storage Management Services see the *Dell OpenManage Server Administrator User's Guide* and the *Dell OpenManage Storage Management User's Guide* on the Dell Support website at support.dell.com.

Five types of controllers are included in this section:

- 1 The RAID controller card group contains the following controllers: PERC 3/DC, PERC 3/SC, PERC 3/QC, PERC 4/SC, PERC 4/DC, PERC 4e/DC, PERC 5/E, PERC 5/i Adapter, PERC 5/i Integrated, SAS 5/iR Adapter, SAS 6/iR Integrated, PERC 6/E, PERC 6/i Adapter, PERC 6/i Integrated, SAS 6/iR Adapter, CERC 6/i Integrated, CERC ATA 100/4 Channel, and CERC SATA 1.5/6 Channel.
- 1 The RAID on motherboard (ROMB) group includes the following controllers: PERC 3/Di, PERC 4/Di, PERC 4e/Di, PERC 4e/Si, CERC SATA 1.5/2S, and SAS 5/iR Integrated.
- 1 The internal mirroring group, provided through the system BIOS, includes the PERC 4/IM controller.
- 1 The LSI 1020/1030 embedded SCSI controller.
- 1 The SAS 5/i Integrated and SAS 5/E controller.

 **NOTE:** The firmware and drivers listed in this section refer to the minimum supported version as of the publication date of this document. Later versions of the firmware and drivers may also be supported or required. For the most recent driver and firmware requirements, see the Dell Support website at support.dell.com for the Storage Management Service.

Key to Table Footnotes

Some drivers in the following tables are marked with an asterisk. You can refer to the following paragraph for more information:

Linux Driver Included in RPM*

The 1.1.4 Linux driver is included in RPM 2302 (Red Hat® Package Manager 2302).

PERC 4/DC

The PERC 4/DC supports the following Dell PowerEdge™ systems: 800, 1800, 1850, 2800, 2850, 6800, and 6850.

The PERC 4/DC supports the following Dell PowerVault™ systems: PV745N, PV770N, and PV775N.

[Table 8-1](#) shows the other elements supported by the PERC 4/DC.

Table 8-1. Storage Management Service Supported Elements: PERC 4/DC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server® 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE® Linux Enterprise Server (versions 10 SP3 and 11)
3.2	6.2	352D (64-bit)	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.20.4.4	NA	NA

PERC 4e/DC

The PERC 4e/DC supports the following Dell PowerEdge systems: 830, 850, 1800, 1850, 1900, 1950, 2800, 2850, 2900, 2950, 2970, 6800, and 6850.

[Table 8-2](#) shows the other elements supported by the PERC 4e/DC.

Table 8-2. Storage Management Service Supported Elements: PERC 4/e DC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 Driver	Windows Server 2008 Driver
3.2	6.2	5B2D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	Native	v6.53.0.64

Table 8-3. Storage Management Service Supported Elements: PERC 4/e DC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (versions 10 SP3 and 11)
3.2	6.2	5B2D	2.20.4.4	NA	2.20.4.7

PERC 3/DC

The PERC 3/DC supports the following Dell PowerVault systems: PV735N, PV750N, PV755N, PV770N, and PV775N.

[Table 8-4](#) shows the other elements supported by the PERC 3/DC.

Table 8-4. Storage Management Service Supported Elements: PERC 3/DC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver
3.2	6.2	199D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.20.4.4

PERC 3/QC

The PERC 3/QC supports the following Dell PowerVault systems: PV735N, PV750N, PV755N, PV770N, and PV775N.

[Table 8-5](#) shows the other elements supported by the PERC 3/QC.

Table 8-5. Storage Management Service Supported Elements: PERC 3/QC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.2 server Driver

3.2	6.2	199D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.20.4.4	NA
-----	-----	------	--	----------	----

PERC 4/Di

[Table 8-6](#) shows the other elements supported by the PERC 4/Di.

Table 8-6. Storage Management Service Supported Elements: PERC 4/Di

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enter SP3 and 11)
3.2	6.2	422D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.20.4.4	NA	NA

CERC ATA 100 4/CH

The CERC ATA 100 4/CH supports the following Dell PowerVault system: PV725N.

[Table 8-7](#) shows the other elements supported by the CERC ATA 100 4/CH.

Table 8-7. Storage Management Service Supported Elements: CERC ATA 100 4/CH

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 ser
3.2	6.2	6.62	6.41.2.32	2.10.1	NA

PERC 3/Di

[Table 8-8](#) and [Table 8-9](#) show the other elements supported by the PERC 3/Di.

Table 8-8. Storage Management Service Supported Elements: PERC 3/Di

Storage Management Service*	Dell OpenManage Version	PERC Firmware Version	Windows Server® 2003 Driver	Windows Server 2008 Driver
3.2	6.2	2.8.1-7692	2.8.0.6084	2.8.1.7691

* The 1.1.4 Linux driver is included in the Red Hat Package Manager (RPM) 2302.

Table 8-9. Storage Management Service Supported Elements: PERC 3/Di

Storage Management Service*	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE (vers
3.2	6.2	2.8.1-7692	1.1.5.2372.1	NA	NA

* The 1.1.4 Linux driver is included in the Red Hat Package Manager (RPM) 2302.

PERC 4/IM

The PERC 4/IM supports the following Dell PowerEdge systems: 1855.

[Table 8-10](#) and [Table 8-11](#) show the other elements supported by the PERC 4/IM.

Table 8-10. Storage Management Service Supported Elements: PERC 4/IM

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 Driver
3.2	6.2	1.03.23.90	1.09.11	Native

Table 8-11. Storage Management Service Supported Elements: PERC 4/IM

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version)
3.2	6.2	1.03.23.90	Native	NA	NA

PERC 4/SC

The PERC 4/SC supports the following Dell PowerEdge systems: 800, 830, 850, 1800, and 1850.

[Table 8-12](#) shows the other elements supported by the PERC 4/SC.

Table 8-12. Storage Management Service Supported Elements: PERC 4/SC

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	SUSE Linux Enterprise Server (version)
3.2	6.2	352D (64-bit)	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.20.4.4	NA

CERC SATA 1.5/6 Channel

The CERC SATA 1.5/6 Channel supports the following Dell PowerEdge systems: 800, 830, 850, and 1800.

The CERC SATA 1.5/6 Channel supports the following Dell PowerVault system: PV745N.

[Table 8-13](#) and [Table 8-14](#) show the other elements supported by the CERC SATA 1.5/6 Channel.

Table 8-13. Storage Management Service Supported Elements: CERC SATA 1.5/6 Channel

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 Driver
3.2	6.2	4.1.0.7419	4.1.1.7043	4.1.1.7040

* The 1.1.4 Linux driver is included in the Red Hat Package Manager (RPM) 2302.

Table 8-14. Storage Management Service Supported Elements: CERC SATA 1.5/6 Channel

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (versions 10 SP2-11 SP3)
3.2	6.2	4.1.0.7419	1.1.5-2392	NA	NA

* The 1.1.4 Linux driver is included in the Red Hat Package Manager (RPM) 2302.

PERC 4e/Di

The PERC 4e/Di supports the following Dell PowerEdge systems: 2800, 2850, 6800, and 6850.

[Table 8-15](#) shows the other elements supported by the PERC 4e/Di.

Table 8-15. Storage Management Service Supported Elements: PERC 4e/Di

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 R2 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver
3.2	6.2	5B2D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	v6.53.0.64	2.20.4.4	NA

PERC 4e/Si

The PERC 4e/Si supports the following Dell PowerEdge system: 1850.

[Table 8-16](#) show the other elements supported by the PERC 4e/Si.

Table 8-16. Storage Management Service Supported Elements: PERC 4e/Si

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 R2 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver
3.2	6.2	5B2D	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	v6.53.0.64	2.20.4.4	NA

PERC 5/E Adapter

The PERC 5/E Adapter supports the following Dell PowerEdge systems: 840, 860, 1850, 1900, 1950, 2850, 2900, 2950, 2970, 6800, 6850, 6950, and R805.

The PERC 5/E Adapter supports the following Dell PowerVault systems: PowerVault 100, PowerVault 500, and PowerVault 600.

[Table 8-17](#) and [Table 8-18](#) show the other elements supported by the PERC 5/E Adapter.


 **NOTE:** The RAID cards support both 32- and 64-bit versions of Red Hat Enterprise Linux operating systems and only 64-bit versions of the SUSE Linux Enterprise Server operating systems. However, ia64 versions of any operating system are not supported.

Table 8-17. Storage Management Service Supported Elements: PERC 5/E Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 R2	Windows Server 2008 R2
3.2	6.2	5.2.2-0076	2.24.0.32 Dell A07 (32-bit) 2.24.0.64 Dell A07 (64-bit)	2.24.0.32 Dell A03 (32-bit) 2.24.0.64 Dell A03 (64-bit)	Native 4.5.0.64

Table 8-18. Storage Management Service Supported Elements: PERC 5/E Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (versions 10 SP3 and 11)
3.2	6.2	5.2.2-0076	00.00.04.17-2	00.00.04.17-2	00.00.04.17-2

PERC 5/i Adapter

The PERC 5/i Adapter supports the following Dell PowerEdge systems: 840, 6850, 6950, and 1430SC.

The PERC 5/i Adapter supports the following Dell PowerVault system: PowerVault 100.

[Table 8-19](#) and [Table 8-20](#) show the other elements supported by the PERC 5/i Adapter.

Table 8-19. Storage Management Service Supported Elements: PERC 5/i Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008 Driver	Windows Server 2008 R2 Driver
3.2	6.2	5.2.2-0072	2.24.0.32 Dell A07 (32-bit) 2.24.0.64 Dell A07 (64-bit)	2.24.0.32 Dell A03 (32-bit) 2.24.0.64 Dell A03 (64-bit)	Native 4.5.0.64

Table 8-20. Storage Management Service Supported Elements: PERC 5/i Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (versions 10 SP3 and 11)
3.2	6.2	5.2.2-0072	00.00.04.17-2	00.00.04.17-2	00.00.04.17-2

PERC 5/i Integrated

The PERC 5/i Integrated supports the following Dell PowerEdge systems: 1900, 1950, 2900, 2950, and 2970.

The PERC 5/i Integrated supports the following Dell PowerVault system: PowerVault NX1950.

[Table 8-21](#) and [Table 8-22](#) show the other elements supported by the PERC 5/i Integrated.

Table 8-21. Storage Management Service Supported Elements: PERC 5/i Integrated

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008
3.2	6.2	5.2.2-0072	2.24.0.32 Dell A07 (32-bit) 2.24.0.64 Dell A07 (64-bit)	2.24.0.32 Dell A03 (32-bit) 2.24.0.64 Dell A03 (64-bit)

Table 8-22. Storage Management Service Supported Elements: PERC 5/i Integrated

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (versions 10 SP3 and 11)
3.2	6.2	5.2.2-0072	00.00.04.17-2	00.00.04.17-2	00.00.04.17-2

CERC 6/i Integrated

The CERC 6/i Integrated supports the following Dell PowerEdge systems: M600, M605, M805, and M905.

[Table 8-25](#) and [Table 8-26](#) show the other elements supported by the CERC 6/i Integrated.

Table 8-23. Storage Management Service Supported Elements: CERC 6/i Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008
3.2	6.2	6.2.0-0013	2.24.0.32 Dell A07 (32-bit) 2.24.0.64 Dell A07 (64-bit)	2.24.0.32 Dell A03 (32-bit) 2.24.0.64 Dell A03 (64-bit)

Table 8-24. Storage Management Service Supported Elements: CERC 6/i Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux E (versions 10)
3.2	6.2	6.2.0-0013	00.00.03.21-6 Dell A09	Native	00.00.03.21-6 Native (version)

SAS 5/iR Adapter

The SAS 5/iR Adapter supports the following Dell PowerEdge systems: 440SC, 1435SC, 1430SC, 840, 860, 1900, 2900, 6950, T605, and T610.

The SAS 5/iR Adapter supports the following Dell PowerVault systems: PowerVault 600, and PowerVault 100.

[Table 8-25](#) and [Table 8-26](#) show the other elements supported by the SAS 5/iR Adapter.

Table 8-25. Storage Management Service Supported Elements: SAS 5/iR Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	00.10.51.00.06.12.05.00	1.28.03.01	1.28.03.01	Native 1.28.5.32

Table 8-26. Storage Management Service Supported Elements: SAS 5/iR Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux E (versions 10)
3.2	6.2	00.10.51.00.06.12.05.00	Native	4.00.38.02-3 Dell A03	4.00.38.02-5 Native (version)

SAS 5/iR Integrated

The SAS 5/iR Integrated supports the following Dell PowerEdge system: 1955.

[Table 8-27](#) and [Table 8-28](#) show the other elements supported by the SAS 5/iR Integrated.

Table 8-27. Storage Management Service Supported Elements: SAS 5/iR Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	00.10.51.00.06.12.05.00	1.28.03.01	1.28.03.01	Native 1.28.5.32

Table 8-28. Storage Management Service Supported Elements: SAS 5/iR Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.2 server Driver	SUSE Linux Enterprise (versions 10 SP
3.2	6.2	00.10.51.00.06.12.05.00	Native	4.00.38.02-3 Dell A03	4.00.38.02-5 (ver Native (version 1

SAS 5/i Integrated

The SAS 5/i Integrated controller supports the following Dell PowerEdge systems: 1950, 2900, 2950, and 2970.

[Table 8-29](#) and [Table 8-30](#) show the other elements supported by the SAS 5/i Integrated controller.

Table 8-29. Storage Management Service Supported Elements: SAS 5/i Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	00.10.51.00.06.12.05.00	1.28.03.01	1.28.03.01	Native 1.28.5.32

Table 8-30. Storage Management Service Supported Elements: SAS 5/i Integrated

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise (versions 10 S
3.2	6.2	00.10.51.00.06.12.05.00	Native	4.00.38.02-3 Dell A05	4.00.38.02-5 (ver Native (version

SAS 5/E Adapter

The SAS 5/E Adapter supports the following Dell PowerEdge systems: 1800, 1850, 1900, 1950, 2800, 2850, 2900, 2950, 2970, 6800, 6850, 6950, R900, T300, T605, R200, R300, R805, R905, R610, R710, and T610.

The SAS 5/E Adapter supports the following Dell PowerVault systems: PowerVault NX1950, PowerVault 500, PowerVault 600, and PowerVault DL2000.

[Table 8-31](#) and [Table 8-32](#) show the other elements supported by the SAS 5/E Adapter.

Table 8-31. Storage Management Service Supported Elements: SAS 5/E Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	00.10.51.00.06.12.05.00	1.28.03.01	1.28.03.01	Native 1.28.5.32

Table 8-32. Storage Management Service Supported Elements: SAS 5/E Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise (versions
3.2	6.2	00.10.51.00.06.12.05.00	Native	4.00.38.02-3 Dell A05	4.00.38.0. Native (ve

PERC 6/i Integrated and Adapter

The PERC 6/i Integrated supports the following Dell PowerEdge systems: 1950, 2900, 2950, 2970, R805, R900, T610, R410, R610, R710, M610, and M710.

The PERC 6/i Integrated supports the following Dell PowerVault systems: PowerVault 500, PowerVault NX1950, and PowerVault 600.

The PERC 6/i Adapter supports the following Dell PowerEdge systems: R410, R905, T300, and T605.

[Table 8-33](#) and [Table 8-34](#) show the other elements supported by the PERC 6/i Integrated and Adapter.

Table 8-33. Storage Management Service Supported Elements: PERC 6/i Integrated and Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	6.2.0-0013	2.24.0.32 (32-bit) Dell A07 2.24.0.64 (64-bit) Dell A07	2.24.0.32 (32-bit) Dell A03 2.24.0.64 (64-bit) Dell A03	Native 4.5.0.64

Table 8-34. Storage Management Service Supported Elements: PERC 6/i Integrated and Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)
3.2	6.2	6.2.0-0013	00.00.04.17-2	Native	00.00.04.17-2

PERC 6/E Adapter

The PERC 6/E Adapter supports the following Dell PowerEdge systems: 1950, 2900, 2950, 2970, 6950, R200, R300, R805, R900, R905, T300, T610, R410, R610, and R710.

The PERC 6/E Adapter supports the following Dell PowerVault systems: PowerVault 500, PowerVault 600, and PowerVault DL2000.

[Table 8-35](#) and [Table 8-36](#) show the other elements supported by the PERC 6/E Adapter.

Table 8-35. Storage Management Service Supported Elements: PERC 6/E Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware	Windows Server 2003 Driver	Windows Server 2008
3.2	6.2	6.2.0-0013	2.24.0.32 (32-bit) Dell A07 2.24.0.64 (64-bit) Dell A07	2.24.0.32 (32-bit) Dell A03 2.24.0.64 (64-bit) Dell A03

Table 8-36. Storage Management Service Supported Elements: PERC 6/E Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise S (version 10 SP3 and 11)
3.2	6.2	6.2.0-0013	00.00.04.17-2	00.00.04.17-2	00.00.04.17-2

SAS 6/iR Integrated and Adapter

The SAS 6/iR Integrated supports the following Dell PowerVault systems: PowerVault 500, PowerVault 600, and PowerVault DL2000.

The SAS 6/iR Integrated also supports the following Dell PowerEdge systems: 1950, 2900, 2950, 2970, R805, R900, M600, M605, M805, M905, T610, R410, R610, R710, M610, and M710.

The SAS 6/iR Adapter supports the following Dell PowerEdge systems: R200, R300, R410, T105, T300, R905, T100, and T605.

[Table 8-37](#) shows the other elements supported by the SAS 6/iR Integrated and Adapter.

Table 8-37. Storage Management Service Supported Elements: SAS 6/iR Integrated and Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
3.2	6.2	00.25.47.00.06.22.03.00	1.28.03.01	1.28.03.01	Native 1.28.5.32

Table 8-38. Storage Management Service Supported Elements: SAS 6/iR Integrated and Adapter

Storage Management Service	Dell OpenManage Version	SAS Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enter (version 10 SP3)
3.2	6.2	00.25.47.00.06.22.03.00	3.12.29.00-6 Dell A07	4.00.38.02-3 Dell A03	4.00.38.02-5 (vers Native (version 11

LSI Logic 1020/1030 Ultra320 SCSI Adapter

LSI Logic 1020/1030 Ultra320 SCSI adapter supports the following Dell PowerEdge systems: 1950, 2950, 2970, 6950, R200, R300, R900, R805, R905, T100, T105, T300, and T605.

LSI Logic 1020/1030 Ultra320 SCSI adapter supports the following Dell PowerVault systems: PowerVault NX1950 and PowerVault 500.

[Table 8-39](#) and [Table 8-40](#) show the other elements supported by LSI Logic 1020/1030 Ultra320 SCSI adapter.

Table 8-39. Storage Management Service Supported Elements: LSI Logic 1020/1030 Ultra320 SCSI Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware/BIOS Version	Windows Server 2003 Driver
3.2	6.2	1.03.27.00.5.10.08.00.12	1.21.25.00

Table 8-40. Storage Management Service Supported Elements: LSI Logic 1020/1030 Ultra320 SCSI Adapter

Storage Management Service	Dell OpenManage Version	PERC Firmware/BIOS Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux (version 10 SP3)
3.2	6.2	1.03.27.00.5.10.08.00.12	3.02.83.12-5	NA	NA

CERC SATA 1.5/2S

The CERC SATA 1.5/2s supports the following Dell PowerEdge systems: 800, 1425, 1420SC, 420SC, and 1800.

[Table 8-41](#) show the other elements supported by the CERC SATA 1.5/2S.

Table 8-41. Storage Management Service Supported Elements: CERC SATA 1.5/2S

Storage Management Service*	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	Red Hat Enterprise Linux (version 10 SP3)
3.2	6.2	NA	6.0.50.5 (32-bit) 6.0.3643.4 (64-bit)	NA	NA	NA

* The 1.1.4 Linux driver is included in the Red Hat Package Manager (RPM) 2302.

LSI 1020/1030 Embedded SCSI Controller

This embedded SCSI controller is an onboard chip. It supports the following systems: 1600SC, 1750, 1800, 1850, 2600, 2800, 2850, 6800, and 6850.

[Table 8-42](#) and [Table 8-43](#) show the other elements supported by the LSI 1020/1030.

Table 8-42. Storage Management Service Supported Elements: LSI 1020

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enter (version 10 SP3)
3.2	6.2	1.03.23	1.09.11	Native	NA	NA

Table 8-43. Storage Management Service Supported Elements: LSI 1030

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux (version 10 SP3)

3.2	6.2	1.03.23	1.09.11	NA	NA	NA
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LSI Logic 2032 Card

The LSI Logic 2032 card supports the following Dell PowerEdge systems: R610, R710, and T610.

The LSI Logic 2032 card supports the following Dell PowerVault systems: PowerVault DL2000.

[Table 8-44](#) and [Table 8-45](#) show the other elements supported by the LSI Logic 2032 Card.

Table 8-44. Storage Management Service Supported Elements: LSI Logic 2032 Card

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server R2 2008 Driver
3.2	6.2	1.03.27.00.5.10.08.00.12	1.21.25.00	Native

Table 8-45. Storage Management Service Supported Elements: LSI LSI Logic 2032 Card

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)
3.2	6.2	1.03.27.00.5.10.08.00.12	Native	NA	Native

PERC H700 Integrated and Adapter

The PERC H700 Integrated supports the following Dell PowerEdge systems: R710, R815, R715, R510, T610, R610, and T710.

The PERC H700 Adapter supports the following Dell PowerEdge systems: R310, R410, T310, and T410.

The PERC H700 Adapter supports the following Dell PowerVault systems: PowerVault NX300.

Table 8-46 and 8-47 show the other elements supported by the PERC H700 Integrated and Adapter.

Table 8-46. Dell OpenManage Supported Elements: PERC H700 Integrated and Adapter

Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008
6.2	12.0.1-0083	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00

Table 8-47. Dell OpenManage Supported Elements: PERC H700 Integrated and Adapter

Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)
6.2	12.0.1-0083	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10

PERC H800 Adapter

The PERC H800 Adapter supports the following Dell PowerEdge systems: R710, R815, T410, R715, R210, R510, T310, R310, T610, R610, R410, T710, and M20X.

Table 8-48 and 8-49 show the other elements supported by the PERC H800 Adapter.

Table 8-48. Dell OpenManage Supported Elements: PERC H700 Integrated and Adapter

Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008
6.2	12.0.1-0083	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00

Table 8-49. Dell OpenManage Supported Elements: PERC H700 Integrated and Adapter

Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)

6.2	12.0.1-0083	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10
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PERC H700 Modular

The PERC H800 Modular supports the following Dell PowerEdge systems: M610 and M710.

Table 8-50 and 8-51 show the other elements supported by the PERC H700 Modular.

Table 8-50. Dell OpenManage Supported Elements: PERC H700 Modular

Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008
6.2	12.0.1-0083	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00	4.17.0.32 (32-bit) Dell A00 4.17.0.64 (64-bit) Dell A00

Table 8-51. Dell OpenManage Supported Elements: PERC H700 Modular

Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8 Driver	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)
6.2	12.0.1-0083	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10	00.00.04.17-2 Dell A10

PERC H200

The PERC H200 Adapter supports the following Dell PowerEdge Systems: T410, R210, T110, T310, R310, T610, R410, and T710.

The PERC H200 Integrated supports the following Dell PowerEdge Systems: R710, R815, R715, R510, T610, R610, and T710.

The PERC H200 Modular supports the following Dell PowerEdge Systems: M710 and M610.

Table 8-52 and 8-53 show the other elements supported by the PERC H200 Modular controllers.

Table 8-52. Dell OpenManage Supported Elements: PERC H200 Modular Controller

Dell OpenManage Version	PERC Firmware Version	Windows Server 2003 Driver	Windows Server 2008	Windows Server R2 2008
6.2	07.01.11.00 Dell A00	2.0.12.10 (32-bit) Dell A00 2.0.12.10 (64-bit) Dell A00	2.0.12.10 (32-bit) Dell A00 2.0.12.10 (64-bit) Dell A00	2.0.12.10 (64-bit) Dell A00

Table 8-53. Dell OpenManage Supported Elements: PERC H200 Modular Controller

Dell OpenManage Version	PERC Firmware Version	Red Hat Enterprise Linux 4.8	Red Hat Enterprise Linux 5.3 server Driver	SUSE Linux Enterprise Server (version 10 SP3 and 11)
6.2	07.01.11.00 Dell A00	02.15.00.00-2 (x86 and x86_64) Dell A00	02.00.00.00-5 (x86 and x86_64) Dell A00	02.00.00.00-5 (x86_64) Dell A00 (version 10 SP3) 02.00.00.00-5 (x86_64) Dell A00 (version 11)

Supported Dell Remote Access Controllers and Solutions

Dell™ Systems Software Support Matrix Version 6.2

Dell™ Remote Access Controller (DRAC) is a systems management hardware and software solution designed to provide remote management capabilities, crashed system recovery, and power control functions.

By communicating with the system's Baseboard Management Controller (BMC), the DRAC (when installed) can be configured to send e-mail alerts for warnings or errors related to voltages, temperatures, intrusion, and fan speeds. DRAC also logs event data and the most recent crash screen (for systems running the Microsoft Windows operating system only) to help diagnose the probable cause of a system crash.

For more information on DRAC or iDRAC, see the *Dell Remote Access Controller User's Guide* or the *Integrated Dell Remote Access Controller User's Guide* available on the Dell Support website at support.dell.com.

Supported Remote Access Controller versions and firmware, as well as supported BMC IPMI protocol versions, are listed in [Table 5-1](#) and [Table 5-2](#). The tables list the following DRAC types:

- 1 Integrated Dell Remote Access Controller 6 (iDRAC6)
- 1 Integrated Dell Remote Access Controller (iDRAC)
- 1 Dell Remote Access Controller 5 (DRAC 5)
- 1 Dell Remote Access Controller/Modular Computer (DRAC/MC)
- 1 Dell Remote Access Controller 4 (DRAC 4)
- 1 Dell Chassis Management Controller (CMC)

Table 5-1. Supported Remote Access Controllers and Solutions for Modular Systems


Dell System	DRACs		CMC Firmware Version	BMC Firmware Version	Supported IPMI Protocol Versions
	DRAC Type	Supported DRAC Firmware Version			
M600	iDRAC	1.52	2.20	N/A	2.2
M605	iDRAC	1.52	2.20	N/A	2.2
M610	iDRAC6	2.20	2.20	N/A	2.2
M710	iDRAC6	2.20	2.20	N/A	2.2
M805	iDRAC	1.52	2.20	N/A	2.2
M905	iDRAC	1.52	2.20	N/A	2.2
T955	DRAC/MC	1.5	N/A	2.03	2.0
T855	DRAC/MC	1.5	N/A	1.01 or later	1.5

Table 5-2. Supported Remote Access Controllers and Solutions for Non-modular Systems

Dell System	DRACs		BMC Firmware Version	Supported IPMI Protocol Versions
	DRAC Type	Supported DRAC Firmware Version		
R200	DRAC 4	1.75	1.29 or later	2.0
R210	iDRAC6	1.30	1.3	2.0
R300	DRAC 5	1.50	2.34	2.0
R410	iDRAC6	1.30	1.3	2.0
R510	iDRAC6	1.30	1.3	2.0
R610	iDRAC6	1.30	1.29 or later	2.0
R710	iDRAC6	1.30	1.29 or later	2.0
R805	DRAC 5	1.50	2.38	2.0
R900	DRAC 5	1.50	2.32	2.0
R905	DRAC 5	1.50	2.31	2.0
T100	DRAC 5	1.50	1.29 or later	2.0
T105	DRAC 5	1.50	1.29 or later	2.0
T110	No iDRAC support		1.3	2.0
T300	DRAC 5	1.50	2.34	2.0
T310	iDRAC6	1.30	1.3	2.0
T410	iDRAC6	1.30	1.3	2.0
T605	DRAC 5	1.50	2.30	2.0
T610	iDRAC6	1.30	1.29 or later	2.0

T710	iDRAC6	1.30	1.29 or later	2.0
6950	DRAC 5	1.50	2.29	2.0
2970	DRAC 5	1.50	2.29	2.0
2950	DRAC 5	1.50	2.28	2.0
2900	DRAC 5	1.50	2.28	2.0
1955	DRAC/MC	1.5	2.03	2.0
1950	DRAC 5	1.50	2.28	2.0
1900	DRAC 5	1.50	2.29	1.5
6850	DRAC 4	1.75	1.40 or later	1.5
6800	DRAC 4	1.75	1.40 or later	1.5
2850	DRAC 4	1.75	1.23 or later	1.5
2800	DRAC 4	1.75	1.23 or later	1.5
1855	DRAC/MC	1.5	1.01 or later	1.5
1800	DRAC 4	1.75	1.23 or later	1.5
860	DRAC 4	1.75	1.67 or later	1.5
850	DRAC 4	1.75	1.44 or later	1.5
840	DRAC 4	1.75	1.67 or later	1.5
830	DRAC 4	1.75	1.44 or later	1.5
800	DRAC 4	1.75	1.30 or later	1.5
PowerVault 100	DRAC 5	1.50	1.29 or later	2.0
PowerVault 500	DRAC 5	1.50	1.29 or later	2.0
PowerVault 600	DRAC 5	1.50	1.29 or later	2.0
PowerVault DL2000	DRAC 5	1.50	1.29 or later	2.0
PowerVault NX1950	DRAC 5	1.50	1.29 or later	2.0
PowerVault NX3000	iDRAC6	1.30	1.29 or later	2.0
PowerVault NX300	iDRAC6	1.30	1.29 or later	2.0
PowerVault DL2100	iDRAC6	1.30		2.0
SC1435			2.29	2.0
SC1430				
SC1425			1.30 or later	1.5
SC440				
SC430				
SC420				

DRAC 5 support on SUSE Linux Enterprise Server 10 is limited to the managed system and Command Line Interface (CLI) only. DRAC 5 does not support the out-of-band GUI on the management station.

 **NOTE:** iDRAC 1.4/2.0 is not supported on SUSE® Linux Enterprise Server 11 and VMware® ESX version 4 operating systems.

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Supported Unified Server Configurator Versions

Dell™ Systems Software Support Matrix Version 6.2

The Unified Server Configurator is built upon the integrated Dell Remote Access Controller 6 (iDRAC6) Express card and the Unified Extensible Firmware Infrastructure (UEFI) system firmware. The iDRAC6 works with the UEFI firmware to access and manage every aspect of the hardware, including component and subsystem management that is beyond the traditional Baseboard Management Controller (BMC) capabilities.

[Table 9-1](#) lists the Dell systems and the operating systems that can be installed using the Unified Server Configurator that is flashed with the driver packs.

Table 9-1. Supported Dell Systems and Operating Systems for Unified Server Configurator

Supported Operating System	Dell Systems														
	T110	T310	T410	T610	T710	R210	R410	R510	R610	R710	M610	M710	PowerVault NX3100	PowerVault NX3000	PowerVault NX300
Microsoft® Windows Server® 2003 x64 and x86 R2	X	X	X	X	X	X	X	X	X	X	X	X			
Microsoft Windows Server 2008 SP2 with Core		X	X	X	X	X	X	X	X	X	X	X			
Microsoft Windows Server 2008 x64 R2		X	X	X	X	X	X	X	X	X	X	X			
Microsoft Windows® Small Business Server 2008 Standard and Premium	X	X	X			X	X	X		X					
Microsoft Windows Server 2008 Foundation	X														
Microsoft Windows Essential Business Server 2008 SP2	X	X	X	X	X	X	X	X	X	X	X	X			
Microsoft Windows Small Business Server 2003 Standard and Premium R2 SP2		X	X	X	X		X	X	X	X	X	X			
Microsoft Windows Storage Server 2008 Standard													X	X	X
Microsoft Windows Server 2008 HPC Edition		X	X		X		X		X	X	X	X			
Red Hat® Enterprise Linux® WS, ES, and AS version 4.8 (x86_32)	X	X	X	X	X	X	X	X	X	X	X	X			
Red Hat Enterprise Linux WS, ES, and AS version 4.8 (x86_64)	X	X	X	X	X	X	X	X	X	X	X	X			
Red Hat Enterprise Linux WS, ES, and AS version 5.3 (x86_32)	X	X	X	X	X	X	X	X	X	X	X	X			
Red Hat Enterprise Linux WS, ES, and AS version 5.3 (x86_64)	X	X	X	X	X	X	X	X	X	X	X	X			

SUSE® Linux Enterprise Server 10 with SP3 (x86_64)	X	X	X	X	X	X	X	X	X	X	X	X			
SUSE Linux Enterprise Server 11 (x86_64)	X	X	X	X	X	X	X	X	X	X	X	X			
VMware® ESX version 3.5 update 5	X	X	X	X	X	X	X	X	X	X	X	X			
VMware ESX version 4.0 update 1	X	X	X	X	X	X	X	X	X	X	X	X			
VMware ESXi version 3.5 update 5 HDD version	X	X	X	X	X	X	X	X	X	X	X	X			
VMware ESXi version 4.0 update 1 HDD version	X	X	X	X	X	X	X	X	X	X	X	X			
Citrix XenServer 5.5 (SD/USB)				X	X				X	X	X	X			
Citrix XenServer 5.5 (HDD)				X	X				X	X	X	X			
Microsoft Hyper-V R2 and Hyper-V Server	X	X	X	X	X	X	X	X	X	X	X	X			

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