Dell™ Systems Software Support Matrix 5.5

Notes and Notices

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

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

Supported Browsers

Dell™ Systems Software Support Matrix 5.5

Table 6-1 lists the browsers that support Dell™ OpenManage™ in Dell systems.

Table 6-1. Supported Browsers

Operating System	Windows® 2000	Windows 2003	Windows XP	Windows Server® 2008	Windows Vista	SUSE® Linux Enterprise Server 9	SUSE Linux Enterprise Server 10	Red Hat® Enterprise Linux® 4.5	Red Hat Enterprise Linux 5 server
Browser	Microsoft® Internet Explorer® 6.0 SP2	Internet Explorer 7.0 Internet Explorer 6.0 SP2 Firefox® 2.0 Firefox 3.0	Internet Explorer 6.0 SP2 Firefox 2.0 Firefox 3.0	Internet Explorer 7.0 Firefox 2.0 Firefox 3.0	Internet Explorer 7.0 Firefox 2.0 Firefox 3.0	Firefox 1.5	Firefox 1.5 Firefox 2.0	Firefox 1.5	Firefox 1.5 Firefox 3.0

NOTE: IT Assistant is not supported on Firefox 2.0 and Firefox 3.0 for Microsoft Windows Server 2008 Family.

NOTE: Dell Remote Access Controller is not supported on Firefox 3.0.

NOTE: IT Assistant is not supported on Microsoft Windows 2000 Professional, Windows Small Business Server 2003, and Windows Server 2008 Server Core.

Table 6-2 lists the browsers that support Dell Remote Access Controller (DRAC) 5 in Dell systems.

Table 6-2. Supported Browsers for DRAC 5

Operating System	Windows® 2000	Windows 2003	Windows XP	Windows Server® 2008	Windows Vista	SUSE® Linux Enterprise Server 9	SUSE Linux Enterprise Server 10	Red Hat® Enterprise Linux® 4.5	Red Hat Enterprise Linux 5 server
Browser	Microsoft® Internet Explorer® 6.0 SP2	Internet Explorer 7.0 Internet Explorer 6.0 SP2	Internet Explorer 6.0 SP2	Internet Explorer 7.0	Internet Explorer 7.0	Firefox 1.5	Firefox 1.5 Firefox 2.0	Firefox 1.5	Firefox 1.5

Supported Dell OpenManage Change Management Software

Dell™ Systems Software Support Matrix 5.5

- Supported Change Management Software on Microsoft Windows Operating Systems
- Supported Change Management Software on Linux Operating Systems
- Supported Change Management Software on Virtualization Operating Systems

Dell™ OpenManage™ change management software is a set of tools that provides an easy way to update Dell systems. It is also an efficient way to manage hardware, software, and operating system updates.

Dell OpenManage change management software comprises:

l   Dell Update Packages

A Dell Update Package (DUP) is a self-contained executable in a standard package format. Each Update Package is designed to update a single software component on a Dell system.

Dell Update Packages allow administrators to update a wide range of system components simultaneously and apply scripts to similar sets of Dell systems to bring system software components up to the same version levels.

For more information on DUPs, see the *Dell Update Packages User's Guide* available on the Dell Support website at **support.dell.com**. This guide is also available on the *Dell Server Updates* DVD.

l   Server Update Utility

Dell OpenManage Server Update Utility (SUU) is a DVD-based application for identifying and applying updates to a Dell system. You can use SUU to update your Dell system or to view the updates available for any system supported by SUU.

SUU compares the versions of components currently installed on your system with update components packaged on the *Dell Server Updates* DVD. SUU then displays a comparison report of the versions and provides the option of updating the components.

For more information on SUU, see the *Dell OpenManage Server Update Utility User's Guide* available on the Dell Support website at **support.dell.com**. This guide is also available on the *Dell Systems Management Tools and Documentation* DVD and the *Dell Server Updates* DVD.

Supported Change Management Software on Microsoft Windows Operating Systems

Table 3-1 lists the supported Dell OpenManage 5.5 change management software on systems running a supported Microsoft® Windows® operating system.

l   A D in the intersection of the operating system and the Dell system columns indicates support for Dell Update Packages.

l   An S in the intersection of the operating system and the Dell system columns indicates support for Server Update Utility.

NOTE: M805, M905, T100, and PowerVault DL2000 are scheduled to be available in second half of 2008.

NOTE: Microsoft Windows Small Business Server 2008 will become available in the second half of 2008. For latest information, see http://www.microsoft.com/windowsserver/essential/sbs/default.mspx.

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 3-1. Supported Dell OpenManage Change Management Software on Systems Running Microsoft Windows Operating Systems

Dell System		Windows 2000		Windows Small Business Server 2003		Windows Small Business Server 2008		Windows Essential Business Server 2008		Windows Server® 2003 x86			Windows Server 20		
	Edition	Server	Advanced Server	Standard	Premium	Standard	Premium	Standard	Premium	Web	Standard	Enterprise	Standard	Enterprise	[
	Service Pack	SP4	SP4	R2-SP2	R2-SP2					SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2	
M805								D	D	D	D	D	D		
M905								D	D	D	D	D	D		
T605				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	
T300				D, S	D, S	D	D	D, S	D, S		D, S		D, S		
R300						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	D, S	
M605						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	

R200					D, S	D, S	D, S	D, S	D, S	D, S		D, S	
6950										D, S	D, S	D, S	D, S
6850	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
6650	D, S	D, S								D, S	D, S		
6600	D, S	D, S								D, S	D, S		
4600	D, S	D, S		S						D, S	D, S		
2970					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
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
2850	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
2650	D, S	D, S							D, S	D, S	D, S		
2600	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
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
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
1855	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
1800	D, S	D, S	D, S	D, S	D, S	D, S				D, S	D, S	D, S	D, S
1750	D, S	D, S							D, S	D, S	D, S		
1655MC	D, S	D, S							D, S	D, S	D, S		
1650	D, S	D, S							D, S	D, S	D, S		
1600SC	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	
850	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	
830	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			
750	D, S								D, S	D, S			
700	D, S		D, S	D, S						D, S			
650	D, S								D, S	D, S			
600SC	D, S		D, S	D, S						D, S			
PowerVault systems													
500													
600													
NX1950													
DL2000													
PowerEdge SC systems													
SC1435					D, S	D, S	D, S	D, S	D, S	D, S		D, S	
SC1425									D, S	D, S		D, S	D, S
T100					D, S	D, S	D, S	D, S					

Supported Change Management Software on Linux Operating Systems

Table 3-2 lists the supported Dell OpenManage 5.5 change management software on systems running a supported Linux operating system.

l   A D in the intersection of the operating system and the Dell system columns indicates support for Dell Update Packages.

l   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		SUSE® Linux	SUSE Linux	Red Hat® Enterprise	Red Hat Enterprise	Red Hat Enterprise	Red Hat Enterprise

System		Enterprise Server 9 (x86_64)	Enterprise Server 10 (x86_64)	Linux® 4.5 (x86_32)			Linux 4.5 (x86_64)			Linux 5 server (x86_32)	Linux 5 server (x86_64)
	Edition			WS	ES	AS	WS	ES	AS		
	Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2	U2
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
T605		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
T300		D, S	D, S		D, S	D, S		D, S	D, S	D, S	D, S
R300		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	D, S
M605		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
R900		D, S	D, S		D, S	D, S		D, S	D, S	D, S	D, S
R200		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	D, S
6850		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
6650						D, S				D, S	
6600						D, S				D, S	
4600					D, S	D, S				D, S	
2970		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
2900		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
2800					D, S	D, S		D, S	D, S	D, S	D, S
2650					D, S	D, S				D, S	
2600					D, S	D, S				D, S	
1955		D, S	D, S	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
1900		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
1800				D, S	D, S	D, S	D, S	D, S	D, S	D, S	D, S
1750					D, S	D, S				D, S	
1655MC											
1650					D, S	D, S					
860		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
840		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
800					D, S	D, S		D, S	D, S	D, S	D, S
750					D, S	D, S				D, S	
700					D, S	D, S				D, S	
PowerVault systems											
500					D, S	D, S		D, S	D, S		
600					D, S	D, S		D, S	D, S		
NX1950											
DL2000											
PowerEdge SC systems											
SC1435			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
T100											
T105		D, S	D, S							D, S	D, S

Supported Change Management Software on Virtualization Operating Systems

lists the supported Dell OpenManage 5.5 change management software on systems running a supported Virtualization operating system.

l A D in the intersection of the operating system and the Dell system columns indicates support for Dell Update Packages.

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

Dell System	Edition	VMware®		Citrix®		Microsoft	
	Edition	ESX		XenServer			
		3.0.3	3.5	5.0 Dell Edition		Hyper-V®	Hyper-V Server
	Service Pack		U2	Flash	HDD		
M805		D, S	D, S	D, S	D, S	D, S	
M905		D, S	D, S	D, S	D, S	D, S	
T100		D	D, S			D, S	
T605						D, S	D, S
R905		D, S	D, S	D, S	D, S		
T300						D, S	D, S
R300						D, S	D, S
M600		D, S	D, S	D, S		D, S	
M605		D, S	D, S	D, S		D, S	
R805		D, S	D, S	D, S	D, S	D, S	
R900		D, S	D, S	D, S	D, S	D, S	
R200						D, S	D, S
6950		D, S	D, S			D, S	
6850		D, S	D, S			D, S	
6800						D, S	
6650			D				
2970		D, S	D, S			D, S	
2950		D, S	D, S	D, S	D, S	D, S	
2900		D, S	D, S	D, S	D, S	D, S	
2850		D, S	D, S				
1955		D, S	D, S			D, S	
1950		D, S	D, S	D, S	D, S	D, S	D, S
1900						D, S	
1855		D, S	D, S				
1850		D, S	D, S				
PowerVault systems							
NX1950		D, S	D, S			D, S	
DL2000							
PowerEdge SC systems							
SC1435						D, S	D, S
T105						D, S	D, S
T100			D, S	D, S	D, S	D, S	

Supported Dell OpenManage Systems Management Software

Dell™ Systems Software Support Matrix 5.5

- ● Supported Dell OpenManage Systems Management Software on Microsoft Windows Operating Systems
- ● Supported Dell OpenManage Systems Management Software on Linux Operating Systems
- ● Supported Dell OpenManage Systems Management Software on Virtualization Operating Systems

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:

- l   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:

    - l   Instrumentation Service

    - l   Remote Access Service

    - l   Storage Management Service

    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** or on the *Dell Systems Management Tools and Documentation* DVD.

- l   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 *Systems Build and Update Utility Quick Reference Guide* and available on the *Dell Systems Management Tools and Documentation* DVD.

Documentation Conventions for Dell Systems

Table 2-1 lists all the Dell systems that belong to the *x6xx*, *x7xx*, *x8xx*, *x9xx*, *xx0x* groups.

Table 2-1. Documentation Conventions for Dell Systems

x6xx	*x7xx*	*x8xx*	*x9xx*	*xx0x*
1600SC	700	800	1900	T105
1650	750	830	1950	R200
1655MC	1750	840	1955	M600
2600		850	2900	M605
2650		860	2950	R805
4600		1800	2970	R900
6600		1850	6950	T605
6650		1855	PowerVault NX1950	R905
		2800	PowerVault 500	T300
		2850	PowerVault 600	R300
		6800	PowerVault DL2000	M805
		6850		M905
				T100

✍ **NOTE:** M805, M905, T100, and PowerVault DL2000 are scheduled to be available in second half of 2008.

Supported Dell OpenManage Systems Management Software on Microsoft Windows Operating Systems

Table 2-2 lists the supported Dell OpenManage 5.5 installation and systems management software on systems running a supported Microsoft® Windows® operating systems.

- l   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.

- l 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.

- l 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: Microsoft Windows Small Business Server 2008 will become available in the second half of 2008. For latest information, see http://www.microsoft.com/windowsserver/essential/sbs/default.mspx.

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

Dell System	Edition / Service Pack	Windows 2000		Windows Small Business Server 2003		Windows Small Business Server 2008		Windows Essential Business Server 2008		Windows Server® 2003 x86			Windows Server 20...	
	Edition	Server	Advanced Server	Standard	Premium	Standard	Premium	Standard	Premium	Web	Standard	Enterprise	Standard	Enterprise
	Service Pack	SP4	SP4	R2-SP1 and SP2	R2-SP1 and SP2					SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2
M805								X	X	X	X	X	X	X
M905								X	X	X	X	X	X	X
T605				X	X	X	X	X	X		X		X	
R905								X	X		X	X	X	X
T300				X	X	X	X	X	X		X		X	
R300						X	X	X	X	X	X		X	
M600								X	X		X	X	X	X
M605								X	X		X	X	X	X
R805						X	X	X	X	X	X	X	X	X
R900								X	X		X	X	X	X
R200						X	X	X	X	X	X		X	
6950											X	X	X	X
6850		X	X								X	X	X	X
6800		X	X								X	X	X	X
6650		X	X								X	X		
6600		X	X								X	X		
4600		X	X								X	X		
2970						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
2850		X	X			X	X			X	X	X	X	X
2800		X	X	X	X	X	X				X	X	X	X
2650		X	X							X	X	X		
2600		X	X	X	X						X	X		
1955		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
1855		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
1750		X	X							X	X	X		
1655MC		X	X							X	X	X		
1650		X	X							X	X	X		
1600SC		X		X	X						X			
860		X		X	X	X	X			X	X		X	
850		X				X	X			X	X		X	
840		X		X	X	X	X				X		X	
830		X		X	X	X	X				X		X	
800		X		X	X		X				X			
750		X								X	X			
700		X		X	X						X			
650		X								X	X			

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
600SC	X		X	X					X				
PowerVault systems													
500													
600													
NX1950													
DL2000													
PowerEdge SC systems													
SC0400	*		*	*					*				
SC1420			*	*					*		*		
SC1425								*	*		*		*
SC420			*	*					*				
SC430			*	*					*		*		
SC1430			*	*	*	*			*		*		
SC440			*	*	*	*			*		*		
SC1435					*	*	*	*	*	*	*		
T100			*	*	*	*	*	*					
T105	*	*	*	*	*	*	*	*		*			

Supported Dell OpenManage Systems Management Software on Linux Operating Systems

lists the supported Dell OpenManage 5.5 installation and systems management software on systems running a supported Linux operating system.

- l 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.

- l 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.

- l 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 9 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat® Enterprise Linux® 4.5 (x86_32)			Red Hat Enterprise Linux 4.5 (x86_64)			Red Hat Enterprise server (x...
	Edition			WS	ES	AS	WS	ES	AS	
	Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2
M805		X	X		X	X	X	X	X	X
M905		X	X		X	X	X	X	X	X
T605		X	X	X				X		X
R905		X	X			X			X	X
T300		X	X	X	X		X	X		X
R300		X	X	X	X		X	X		X
M600		X	X	X	X		X	X		X
M605		X	X	X	X		X	X		X
R805		X	X	X	X		X	X		X
R900		X	X	X	X		X	X		X
R200		X	X	X	X		X	X		X
6950		X	X		X			X		X
6850		X	X		X			X		X
6800		X	X		X			X		X
6650								X		X
6600								X		X
4600				X	X					X
2970		X	X	X	X		X	X		X
2950		X	X	X	X		X	X		X
2900		X	X	X	X		X	X		X
2850				X	X		X	X		X

2800					X	X		X	X	X
2650					X	X				X
2600					X	X				X
1955		X	X	X	X	X	X	X	X	X
1950		X	X	X	X	X	X	X	X	X
1900		X	X		X	X		X	X	X
1855				X	X	X	X	X	X	X
1850				X	X	X	X	X	X	X
1800				X	X	X	X	X	X	X
1750					X	X				X
1650					X	X				
860		X	X		X	X		X	X	X
850					X	X		X	X	X
840		X	X		X	X		X	X	X
830					X	X		X	X	X
800					X	X		X	X	X
750					X	X				X
700					X	X				X
PowerVault systems										
500					X	X		X	X	
600					X	X		X	X	
NX1950										
DL2000										
PowerEdge SC systems										
SC1420					*			*	*	*
SC1425				*	*		*	*	*	*
SC420					*					*
SC430					*			*		*
SC1430			X		*			*		*
SC440			X		*			*		*
SC1435			X	X	*		*	*		*
T100										
T105		*	X							*

Supported Dell OpenManage Systems Management Software on Virtualization Operating Systems

Table 2-4 lists the supported Dell OpenManage 5.5 installation and systems management software on systems running a supported Virtualization operating system.

- l 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.

- l 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.

- l 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

Dell System	Edition	VMware		Citrix		Microsoft	
		ESX		XenServer			
		3.0.3	3.5	5.0 Dell Edition		Hyper-V	Hyper-V Server
	Service Pack		U2	Flash	HDD		
M805		X		X	X	X	

M905	X		X	X	X	
T605					X	X
R905	X	X	X	X		
T300					X	X
R300					X	X
M600	X	X	X		X	
M605	X	X	X		X	
R805	X	X	X	X	X	
R900	X	X	X	X	X	
R200					X	X
6950	X	X			X	
6850	X	X			X	
6800					X	
6650						
2970	X	X			X	
2950	X	X	X	X	X	
2900	X	X	X	X	X	
2850	X	X				
1955	X	X			X	
1950	X	X	X	X	X	X
1900					X	
1855	X	X				
1850	X	X				
PowerVault systems						
NX1950		X			X	
DL2000						
PowerEdge SC systems						
SC1435					*	*
T100		X			X	
T105					*	*

Introduction

Dell™ Systems Software Support Matrix 5.5

- What's New for 5.5
- 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 5.5

The following are the changes in Dell OpenManage version 5.5:

- Support for Microsoft® Windows Small Business Server 2008 Standard and Premium Editions.

  NOTE: Microsoft Windows Small Business Server 2008 will become available in the second half of 2008. For latest information, see http://www.microsoft.com/windowsserver/essential/sbs/default.mspx.

- Support for Microsoft® Windows Essential Business Server 2008 Standard and Premium Editions.

  NOTE: Microsoft Windows Essential Business Server 2008 will become available in the second half of 2008. For latest information, see http://www.mi

- Support for Microsoft Windows Server® 2003 Compute Cluster Edition and Microsoft Windows Server 2008 HPC Edition.
- Support for Red Hat® Enterprise Linux® 5.2 server.
- Support for SUSE® Linux Enterprise Server 10 (SP2).
- Support for VMware® ESX Version 3.5 Update 2.
- Support for Citrix® XenServer Dell Edition 5.0 Flash and HDD Image.
- Support for Microsoft Hyper-V® and Hyper-V Server.
- Support for the following Dell systems: M805, M905, T100, and PowerVault DL2000.

  NOTE: M805, M905, T100, and PowerVault DL2000 are scheduled to be available in second half of 2008.

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
2.2 and earlier	*Applications* CD
3.0–4.2	*Systems Management* CD
4.3–5.2.3	*Dell PowerEdge Installation and Server Management* CD
5.3–5.3.2	*Dell Systems Console and Agent* CD or the *Dell Systems Management Tools and Documentation* DVD **NOTE:** The *Dell Systems Management Tools and Documentation* DVD is available only with the Dell Subscription Kit. For details, see **www.dell.com/openmanagesubscription**
5.4	*Dell Systems Management Tools and Documentation* DVD
5.5	*Dell Systems Management Tools and Documentation* DVD The *Dell Systems Management Tools and Documentation* DVD contains version 5.5 of the Dell OpenManage systems management software kit and version 1.0.7 of the Dell Systems Build and Update Utility. The root of the DVD also contains ISO images of the Dell Systems Build and Update Utility (version 1.0) and the *Dell Systems Console and Agent* CD (Dell OpenManage software version 5.3.0.1). You can use

these ISO images to create CDs for systems that do not have DVD drives.
However, if you need version 1.0.7 of the Dell Systems Build and Update Utility (to support *x6xx* and *x7xx* Dell systems and Windows Server 2008 operating systems), you can download the Dell Systems Build and Update Utility ISO image from the Dell Support site at **support.dell.com**. You can transfer the contents of these Web packages to CDs or USB keys for systems that do not have DVD drives.

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:

- Dell OpenManage Server Administrator
- 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:

- Dell Update Packages
- 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:

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

l Microsoft Windows Server 2008 Web, Standard, and Enterprise (32-bit x86) editions

l Microsoft Windows Server 2008 Core Standard and Enterprise (32-bit x86) editions

l Microsoft Windows Server 2008 Standard, Enterprise, and Datacenter (x64) editions

l Microsoft Windows Server 2008 Core Standard, Enterprise, and Datacenter (x64) editions

l Microsoft Windows Server 2003 Web, Standard and Enterprise (32-bit x86) editions with SP2

l Microsoft Windows Server 2003 Standard, Enterprise, and Datacenter (x64) editions with SP2

l Microsoft Windows Server 2003 R2 Standard and Enterprise (32-bit x86) editions with SP2

l Microsoft Windows Server 2003 R2 Standard, Enterprise, and Datacenter (x64) editions with SP2

l Microsoft Windows 2000 Server and Advanced Server with SP4

l Microsoft Windows Server 2003 Compute Cluster Edition and Microsoft Windows Server 2008 HPC Edition

l Microsoft Windows Essential Business Server 2008 Standard and Premium editions

l Microsoft Windows Small Business Server 2008 Standard and Premium editions

l Microsoft Windows Small Business Server 2003 R2 Standard and Premium editions with SP1 and SP2

l Microsoft Windows Storage Server 2003 R2 Express, Workgroup, Standard, and Enterprise x64 editions with SP2

l Microsoft Windows Unified Data Storage Server 2003 Standard and Enterprise x64 editions

l Microsoft Windows XP Professional with SP2 (32-bit x86)

l Microsoft Windows Vista Business and Enterprise editions.

Linux Operating Systems

l SUSE Linux Enterprise Server 10 SP2(x86_64)

l SUSE Linux Enterprise Server 9 with SP4 (x86_64)

l Red Hat Enterprise Linux 5 server (Update 2) (x86_32)

l Red Hat Enterprise Linux 5 server (Update 2) (x86_64)

l Red Hat Enterprise Linux WS, ES, and AS (Version 4.5) (x86_32)

l Red Hat Enterprise Linux WS, ES, and AS (Version 4.5) (x86_64)

Virtualization Operating Systems

l Microsoft Hyper-V and Hyper-V Server

l Citrix XenServer Dell Edition 5.0 Flash and HDD Image

l VMware ESX Version 3.5 Update 2

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 OS	French OS	German OS	Spanish OS	Simplified Chinese OS	Japanese OS	Korean	Traditional Chinese
English	X	X	X	X	X	X	X	X
French		X						
German			X					
Spanish				X				
Simplified Chinese					X			
Japanese						X		
Korean								
Traditional Chinese								

Supported Dell OpenManage Systems Management Consoles

Dell™ Systems Software Support Matrix 5.5

- Supported Systems for Dell OpenManage IT Assistant
- Supported Systems for RACADM
- Supported Systems for BMU and IPMItool Out-of- Band
- Supported Systems for IPMItool In-Band

Dell™ OpenManage™ systems management consoles provide the necessary tools for remote or one-to-many group system management. These tools also consolidate the management applications used on management workstations.

Dell OpenManage systems management consoles tools and applications include:

  l   Dell OpenManage IT Assistant

  l   DRAC tools that include remote RACADM

  l   BMC Management Utility and IPMItool out-of-band

  l   IPMItool in-band

Supported Systems for Dell OpenManage IT Assistant

Dell OpenManage IT Assistant provides a central point of access to monitor and manage systems on a local area network (LAN) or wide area network (WAN). By allowing an administrator a comprehensive view across the enterprise, IT Assistant can increase system uptime, automate repetitive tasks, and prevent interruption to critical business operations.

For more information on IT Assistant, see the *Dell OpenManage IT Assistant User's Guide* available on the Dell Support website at **support.dell.com or** on the *Dell Systems Management Tools and Documentation* DVD.

Supported Microsoft Windows Operating Systems for IT Assistant

Table 4-1 shows supported Microsoft® Windows® operating systems for IT Assistant.

Table 4-**1. Supported Microsoft Windows Operating Systems for IT Assistant**

	Windows 2000		Windows Server® 2003 x86			Windows Server 2008 x86			Windows XP Professional x86	Windows Vista
Edition	Server	Advanced Server	Web	Standard	Enterprise	Web	Standard	Enterprise		Business and Enterprise
Service Pack	SP4	SP4	R2-SP2	R2-SP2	R2-SP2	Gold	Gold	Gold	SP2	Gold
IT Assistant	X	X	X	X	X	X	X	X	X	X

Supported Linux Operating Systems for IT Assistant

IT Assistant cannot be installed on Dell systems running Red Hat® Enterprise Linux® or SUSE® Linux Enterprise Server operating systems. These systems can, however, launch IT Assistant through supported browsers (Firefox® version 1.5). For more information on supported browsers, see the Supported Browsers section.

Supported Virtualization Operating Systems

ITA can be installed on virtual systems installed on the Virtualization operating systems listed in Table 4-2.

Table 4-2. Supported Virtualization Operating Systems on Physical System

	VMware®		Citrix®	Microsoft	
Edition	ESX		XenServer		
	3.0.3	3.5	5.0 Dell Edition	Hyper-V®	Hyper-V Server

Service Pack		U2	HDD	Flash		
Physical System Support	X	X	X	X	X	X

lists the virtualization operating systems and the supported guest operating systems on virtual machines on which ITA can be installed.

Table 4-3. Supported Operating Systems on Virtual System

Operating System on Physical System	Supported Guest Operating System
Citrix XenServer Dell Edition 5.0 For the latest list, see http://citrix.com.	l Microsoft Windows Vista Enterprise Edition l Microsoft Windows Server 2003 R2-SP2 Family l Microsoft Windows XP Professional x86 SP2 l Microsoft Windows 2000 SP4
VMware ESX For the latest list, see http://www.vmware.com.	l Microsoft Windows Vista Enterprise Edition l Microsoft Windows Server 2008 Enterprise Edition l Microsoft Windows Server 2003 R2-SP2 Family l Microsoft Windows XP Professional x86 SP2 l Microsoft Windows 2000 SP4
Micorsoft Hyper-V For the latest list, see http://www.microsoft.com.	l Microsoft Windows Server 2008 Enterprise Edition l Microsoft Windows Server 2003 R2-SP2 Family

Supported Systems for RACADM

RACADM is a command-line utility that enables administrators to configure and replicate settings across multiple Dell remote access controllers (DRACs). The RACADM utility supports operations through the use of command-line parameters, switches, and a configuration file that contains all data required to configure a DRAC.

For more information on the RACADM utility, see the *Dell Remote Access Controller Racadm User's Guide* available on the Dell Support website at **support.dell.com** or on the *Dell Systems Management Tools and Documentation* DVD.

Supported Microsoft Windows Operating Systems for the RACADM Utility

shows supported Microsoft Windows operating systems for the RACADM utility. An X in the operating system column indicates support for the RACADM utility.

Table 4-4. Supported Microsoft Windows Operating Systems for RACADM

	Windows 2000		Windows Server 2003 x86			Windows Server 2003 x64			Windows Storage Server 2003 R2 x64				
Edition	Server	Advanced Server	Web	Standard	Enterprise	Standard	Enterprise	Datacenter	Express	Workgroup	Standard	Enterprise	Standard and Enterprise
Service Pack	SP4	SP4	SP2	SP2	SP2	SP2	SP2	SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2	Gold
Remote RACADM	X	X	X	X	X	X	X	X	X	X	X	X	X

Supported Linux Operating Systems for the RACADM Utility

shows supported Linux operating systems for the RACADM utility. An X in the operating system column indicates support for the RACADM utility.

Table 4-5. Supported Linux Operating Systems for RACADM

	SUSE Linux Enterprise Server 9 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat Enterprise Linux 4.5 (x86_32)			Red Hat Enterprise Linux 4.5(x86_64)			Red Hat Enterprise Linux 5 server (x86_32)	Red Hat Enterprise Linux 5 server (x86_64)
Edition			WS	ES	AS	WS	ES	AS		
Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2	U2
	X	X	X	X	X	X	X	X	X	X

Remote RACADM												

Supported Systems for BMU and IPMItool Out-of- Band

BMC Management Utility (BMU) is a utility to access Baseboard Management Controller (BMC) and perform management activities. BMU allows remote, out-of-band LAN and/or serial port power control, event log access, and console redirection.

IPMItool is a Command Line Interface (CLI) utility that helps in configuring and managing devices using the IPMI version 1.5 and later protocol. IPMItool supports out-of-band (OOB) access (over a LAN or through the serial port) to a single system at a time. IPMItool also supports in-band access.

For more information on BMU and IPMItool out-of-band, see the *Dell OpenManage Baseboard Management Controller Utilities User's Guide* available on the Dell Support website at **support.dell.com** or on the *Dell Systems Management Tools and Documentation* DVD.

Supported Microsoft Windows Operating Systems for BMU and IPMItool Out-of-Band

Table 4-6 shows supported Microsoft Windows operating systems for BMU IPMItool out-of-band. An X in the operating system column indicates BMU and IPMItool out-of-band support.

Table 4-6. Supported Microsoft Windows Operating Systems for BMU and IPMItool Out-of-Band

	Windows 2000		Windows Server 2003 x86			Windows Server 2003 x64			Windows Storage Server 2003 R2 x64				
Edition	Server	Advanced Server	Web	Standard	Enterprise	Standard	Enterprise	Datacenter	Express	Workgroup	Standard	Enterprise	Stan... a... Enter...
Service Pack	SP4	SP4	SP2	SP2	SP2	SP2	SP2	SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2	G...
BMU/IPMItool out-of-band	X	X	X	X	X	X	X		X	X	X	X	

Supported Linux Operating Systems for BMU and IPMItool Out-of-Band

Table 4-7 shows supported Linux operating systems for BMU and IPMItool out-of-band. An X in the operating system column indicates BMU and IPMItool out-of-band support.

Table 4-7. Supported Linux Operating Systems for BMU and IPMItool Out-of-Band

	SUSE Linux Enterprise Server 9 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat Enterprise Linux 4.5 (x86_32)			Red Hat Enterprise Linux 4.5(x86_64)			Red Hat Enterprise Linux 5 server (x86_32)	Red Hat Enterprise Linux 5 server (x86_64)
Edition			WS	ES	AS	WS	ES	AS		
Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2	U2
BMU/IPMItool out-of-band	X	X	X	X	X	X	X	X	X	X

Supported Systems for IPMItool In-Band

IPMItool in-band also helps in configuring and managing devices.

For more information on IPMItool, see the *Dell OpenManage Baseboard Management Controller Utilities User's Guide* available on the Dell Support website at **support.dell.com** or on the *Dell Systems Management Tools and Documentation* DVD.

Supported Microsoft Windows Operating Systems for IPMItool In-Band

Table 4-8 shows supported Microsoft Windows operating systems for IPMItool in-band. An X in the operating system column indicates IPMItool in-band support.

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

	Windows Server 2003 x86			Windows Server 2003 x64			Windows Storage Server 2003 R2 x64					Win
Edition	Web	Standard	Enterprise	Standard	Enterprise	Datacenter	Express	Workgroup	Standard	Enterprise	Standard and Enterprise	Web
Service Pack	SP2	SP2	SP2	SP2	SP2	SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2	Gold	Gold
IPMItool in-band	X	X	X	X	X		X	X	X	X		X

Supported Linux Operating Systems for IPMItool In-Band

Table 4-9 shows supported Linux operating systems for IPMItool in-band. An X in the operating system column indicates IPMItool in-band support.

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

	SUSE Linux Enterprise Server 9 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat Enterprise Linux 4.5 (x86_32)			Red Hat Enterprise Linux 4.5 (x86_64)			Red Hat Enterprise Linux 5 server (x86_32)	Red Hat Enterprise Linux 5 server (x86_64)
Edition			WS	ES	AS	WS	ES	AS		
Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2	U2
IPMItool in-band	X	X	X	X	X	X	X	X	X	X

Network Interface Controllers and Supported Operating Systems

Dell™ Systems Software Support Matrix 5.5

- 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® 2000	Microsoft Windows 2003 Family	Microsoft Windows 2008 Family	Red Hat® Enterprise Linux® 3	Red Hat Enterprise Linux 4	Red Hat Enterprise Linux Server 5	SUSE® Linux Enterprise Server (version 9 and 10)
3COM® 3C98x Family of Adapters **NOTE:** Dell no longer supports this NIC.	NA	NA	NA	NA	NA	NA	NA
Alteon™ ACEnic™ Copper Gigabit **NOTE:** Dell no longer supports this NIC.	NA	NA	NA	NA	NA	NA	NA
Broadcom NetXtreme Family of Adapters (5721, 5722)	NA	11.4	11.4	NA	3.92e	3.92e	3.92e
Broadcom NetXtreme II Family of Adapters (BCM5708, BCM5709)	NA	4.4	4.4	NA	1.7.6b	1.7.6b	1.7.6b
Broadcom NetXtreme II Family of Adapter 10GbE (BCM57710)	NA	4.4	4.4	NA	1.44.14	1.44.14	1.44.14
Intel® EtherExpress® Family of Adapters	6.0	8.0.17 (Intel PRO/100 Adapters) 8.4.21 (Intel PRO/1000 Adapters)	NA	NA	NA (Intel PRO/100 Adapters) 5.7.6.1(Intel PRO/1000 Adapters)	See the appropriate **readme** file for the latest information.	3.4.14p1-NAPI (Intel PRO/100 Network Driver) 6.2.15-NAPI (Intel PRO/1000 Network Driver)

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

Dell™ Systems Software Support Matrix 5.5

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).

Most versions of the systems management CD 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:

- Version of the Storage Management Service

- Dell system

- Firmware version number required for a particular controller

- 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* either on the Dell Support website at **support.dell.com** or on the *Dell Systems Management Tools and Documentation* DVD.

Five types of controllers are included in this section:

- 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.

- 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.

- The internal mirroring group, provided through the system BIOS, includes the PERC 4/IM controller.

- The LSI 1020/1030 embedded SCSI controller.

- 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: 650, 750, 800, 1650, 1750, 1800, 1850, 2500, 2550, 2600, 2650, 2800, 2850, 4400, 4600,

6400, 6450, 6600, 6650, 6800, 6850, and 8450.

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	Microsoft® Windows® 2000 Driver	Windows Server® 2003 Driver	Red Hat Enterprise Linux® 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE® Linux Enterprise Server (versions 9 and 10)
1.1	4.3	3500	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	351Q	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	351X (32-bit) 351S (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.1	5.1	351X (32-bit) 351S (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.2	5.2	351S (64-bit)	NA	6.46.3.64	NA	NA	NA	NA
2.3	5.3	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4	5.4	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0	5.5	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008 Driver
1.1	4.3	513T	5.46	6.41.2.32	NA
1.2	4.4	521Q	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA
2.0	5.0	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA
2.1	5.1	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA
2.2	5.2	522A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA
2.3	5.3	5A2D	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	Native
2.4	5.4	5A2D	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	Native

| 3.0 | 5.5 | 5B2D | NA | 6.46.2.32 (32-bit) 6.46.3.64 (64-bit) | Native |

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	513T	2.10.7	NA	NA	NA
1.2	4.4	521Q	2.10.7	2.20.4.4	NA	NA
2.0	5.0	521X	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.1	5.1	521X	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.2	5.2	522A	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.3	5.3	5A2D	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.4	5.4	5A2D	2.10.10.1	2.20.4.4	NA	2.20.4.7
3.0	5.5	5B2D	2.10.10.1	2.20.4.4	NA	2.20.4.7

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 of Red Hat Enterprise Linux 4, Update 2 of Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

PERC 3/DC

The PERC 3/DC supports the following Dell PowerEdge systems: 1550, 1650, 1750, 2400, 2450, 2500, 2550, 2600, 2650, 4400, 4600, 6400, 6450, 6600, 6650, 7150, and 8450.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	1970	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	198Q	5.48	6.46.2.32 (32-bit) 6.41.2.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	198X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.1	5.1	198X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.2	5.2	199A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.3	5.3	199D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4	5.4	199D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0	5.5	199D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

PERC 3/QC

The PERC 3/QC supports the following Dell PowerEdge systems: 2400, 2450, 2500, 2550, 2600, 2650, 4400, 4600, 6400, 6450, 6600, 6650, 7150, and 8450.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	1970	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	198Q	5.48	6.46.2.32 (32-bit) 6.41.2.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	198X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.1	5.1	198X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.2	5.2	199A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.3	5.3	199D	5.48	6.46.2.32(32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4	5.4	199D	5.48	6.46.2.32(32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0	5.5	199D	5.48	6.46.2.32(32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA

PERC 4/Di

The PERC 4/Di supports the following Dell PowerEdge systems: 1750 and 2600.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1 on a PowerEdge™ 1750	4.3	4130	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.1 on a PowerEdge 2600	4.3	2.500	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2 on a PowerEdge 1750	4.4	421Q	5.48	6.46.2.32 (32-bit) 6.41.2.32 (64-bit)	2.10.7	2.20.4.4	NA	NA
1.2 on a PowerEdge 2600	4.4	251Q	5.48	6.46.2.32 (32-bit) 6.41.2.32 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0 on a PowerEdge 1750	5.0	421W	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.0 on a	5.0	251X	5.48	6.46.2.32	2.10.10.1	2.20.4.4	NA	NA

PowerEdge 2600				(32-bit) 6.46.3.64 (64-bit)				
2.1 on a PowerEdge 1750	5.1	421W	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.1 on a PowerEdge 2600	5.1	251X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.2 on a PowerEdge 2600	5.2	252A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.2 on a PowerEdge 1750	5.2	422A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.3 on a PowerEdge 2600	5.3	252D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.3 on a PowerEdge 1750	5.3	422D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4 on a PowerEdge 2600	5.4	252D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4 on a PowerEdge 1750	5.4	422D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0 on a PowerEdge 2600	5.5	252D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0 on a PowerEdge 1750	5.5	422D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA

CERC ATA 100 4/CH

The CERC ATA 100 4/CH supports the following Dell PowerEdge systems: 400, 500SC, 600SC, 650, 1400SC, and 1600SC.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	6.62	5.46	6.41.2.32	Native	NA	NA	NA
1.2	4.4	6.62	5.46	6.41.2.32	2.10.1	2.10.1	NA	NA
2.0	5.0	6.62	5.46	6.41.2.32	2.10.1	2.10.1	NA	NA
2.1	5.1	6.62	5.46	6.41.2.32	2.10.1	2.10.1	NA	NA
2.2	5.2	6.62	NA	6.41.2.32	NA	2.10.1	NA	NA
2.3	5.3	6.62	NA	6.41.2.32	NA	2.10.1	NA	NA
2.4	5.4	6.62	NA	6.41.2.32	NA	2.10.1	NA	NA
3.0	5.5	6.62	NA	6.41.2.32	NA	2.10.1	NA	NA

PERC 3/Di

The PERC 3/Di supports the following Dell PowerEdge systems: 1650, 2500, 2550, 2650, 4400, and 4600.

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 2000 Driver	Windows Server® 2003 Driver	Windows Server 2008
1.1 on a PowerEdge 1650	4.3	2.8.0.6092	2.8.0.6085	2.8.0.6085	NA
1.1 on a PowerEdge 2650	4.3	2.8.0.6092	2.8.0.6085*	2.8.0.6085*	NA
1.1 on a PowerEdge 4600	4.3	2.8.0.6092	2.8.0.6085*	2.8.0.6085*	NA
1.2 on a PowerEdge 1650	4.4	2.8.0.6092	2.8.0.6085*	2.8.0.6085	NA
1.2 on a PowerEdge 2650	4.4	2.8.0.6092	2.8.0.6085*	2.8.0.6085*	NA
1.2 on a PowerEdge 4600	4.4	2.8.0.6092	2.8.0.6085*	2.8.0.6085*	NA
2.0 on a PowerEdge 1650	5.0	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.0 on a PowerEdge 2650	5.0	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.0 on a PowerEdge 4600	5.0	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.1 on a PowerEdge 1650	5.1	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.1 on a PowerEdge 2650	5.1	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.1 on a PowerEdge 4600	5.1	2.8.0.6098	2.8.0.6085*	2.8.0.6085*	NA
2.2 on a PowerEdge 1650	5.2	2.8.1-6098	NA	2.8.0.6084	NA
2.2 on a PowerEdge 2650	5.2	2.8.1-6098	NA	2.8.0.6084	NA
2.2 on a PowerEdge 4600	5.2	2.8.1-6098	NA	2.8.0.6084	NA
2.3 on a PowerEdge 1650	5.3	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
2.3 on a PowerEdge 2650	5.3	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
2.3 on a PowerEdge 4600	5.3	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
2.4 on a PowerEdge 1650	5.4	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
2.4 on a PowerEdge 2650	5.4	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
2.4 on a PowerEdge 4600	5.4	2.8.1-7692	NA	2.8.0.6084	2.8.1.7691
3.0	5.5	2.8.1-7692	NA	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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1 on a PowerEdge 1650	4.3	2.8.0.6092	1.1.4*	NA	NA	NA
1.1 on a PowerEdge 2650	4.3	2.8.0.6092	1.1.4*	NA	NA	NA
1.1 on a PowerEdge 4600	4.3	2.8.0.6092	1.1.4*	NA	NA	NA
1.2 on a PowerEdge 1650	4.4	2.8.0.6092	1.1.4*	1.1.5.2372	NA	NA
1.2 on a PowerEdge 2650	4.4	2.8.0.6092	1.1.4*	1.1.5.2372	NA	NA
1.2 on a PowerEdge 4600	4.4	2.8.0.6092	1.1.4*	1.1.5.2372	NA	NA
2.0 on a PowerEdge 1650	5.0	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.0 on a PowerEdge 2650	5.0	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.0 on a PowerEdge 4600	5.0	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.1 on a PowerEdge 1650	5.1	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.1 on a PowerEdge 2650	5.1	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.1 on a PowerEdge 4600	5.1	2.8.0.6098	1.1.4*	1.1.5.2392	NA	NA
2.2 on a PowerEdge 1650	5.2	2.8.1-6098	NA	1.1.5.2372.1	NA	NA
2.2on a PowerEdge 2650	5.2	2.8.1-6098	NA	1.1.5.2372.1	NA	NA
2.2 on a PowerEdge 4600	5.2	2.8.1-6098	NA	1.1.5.2372.1	NA	NA
2.3 on a PowerEdge	5.3	2.8.1-7692	NA	1.1.5.2372.1	NA	NA

1650					
2.3 on a PowerEdge 2650	5.3	2.8.1-7692	NA	1.1.5.2372.1	NA	NA
2.3 on a PowerEdge 4600	5.3	2.8.1-7692	NA	1.1.5.2372.1	NA	NA
2.4 on a PowerEdge 1650	5.4	2.8.1-7692	NA	1.1.5.2372.1	NA	NA
2.4 on a PowerEdge 2650	5.4	2.8.1-7692	NA	1.1.5.2372.1	NA	NA
2.4 on a PowerEdge 4600	5.4	2.8.1-7692	NA	1.1.5.2372.1	NA	NA
3.0	5.5	2.8.1-7692	NA	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: 1655MC and 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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
1.1 on PowerEdge 1655MC	4.3	1.00.12.00 1.00.0c.00 Hex	1.08.06	1.08.18 (Native)	NA
1.0.1 on PowerEdge 1855	4.1.4	1.03.23.90	1.09.11	1.09.11	NA
1.2 on PowerEdge 1655MC	4.4	1.00.12.00 1.00.0c.00 Hex	1.08.06	1.08.18 (Native)	NA
1.2 on PowerEdge 1855	4.4	1.03.23.90	1.09.11	1.09.11	NA
2.0 on PowerEdge 1655MC	5.0	1.03.23.90	1.08.06	Native	NA
2.0 on PowerEdge 1855	5.0	1.03.23.90	1.09.11	1.09.11	NA
2.1 on PowerEdge 1655MC	5.1	1.03.23.90	1.08.06	Native	NA
2.1 on PowerEdge 1855	5.1	1.03.23.90	1.09.11	1.09.11	NA
2.2 on PowerEdge 1655MC	5.2	1.03.23.90	NA	Native	NA
2.2 on PowerEdge 1855	5.2	1.03.23.90	NA	1.09.11	NA
2.3 on PowerEdge 1655MC	5.3	1.00.12.00	1.08.06	Native	NA
2.3 on PowerEdge 1855	5.3	1.03.23.90	1.09.11	1.09.11	Native
2.4 on PowerEdge 1655MC	5.4	1.00.12.00	1.08.06	Native	NA
2.4 on PowerEdge 1855	5.4	1.03.23.90	1.09.11	1.09.11	Native
3.0 on PowerEdge 1655MC	5.5	1.00.12.00	1.08.06	Native	NA
3.0 on PowerEdge 1855	5.5	1.03.23.90	1.09.11	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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1 on PowerEdge 1655MC	4.3	1.00.12.00 1.00.0c.00 Hex	NA	NA	NA	NA
1.0.1 on PowerEdge 1855	4.1.4	1.03.23.90	Native	NA	NA	NA
1.2 on PowerEdge 1655MC	4.4	1.00.12.00 1.00.0c.00 Hex	NA	NA	NA	NA
1.2 on PowerEdge 1855	4.4	1.03.23.90	Native	Native	NA	NA
2.0 on PowerEdge 1655MC	5.0	1.03.23.90	NA	NA	NA	NA
2.0 on PowerEdge 1855	5.0	1.03.23.90	Native	Native	NA	NA
2.1 on PowerEdge 1655MC	5.1	1.03.23.90	NA	NA	NA	NA
2.1 on PowerEdge 1855	5.1	1.03.23.90	Native	Native	NA	NA
2.2 on PowerEdge 1655MC	5.2	1.03.23.90	NA	NA	NA	NA

2.2 on PowerEdge 1855	5.2	1.03.23.90	NA	Native	NA	NA
2.3 on PowerEdge 1655MC	5.3	1.00.12.00	NA	NA	NA	NA
2.3 on PowerEdge 1855	5.3	1.03.23.90	2.05.16	Native	NA	NA
2.4 on PowerEdge 1655MC	5.4	1.00.12.00	NA	NA	NA	NA
2.4 on PowerEdge 1855	5.4	1.03.23.90	2.05.16	Native	NA	NA
3.0 on PowerEdge 1655MC	5.5	1.00.12.00	NA	NA	NA	NA
3.0 on PowerEdge 1855	5.5	1.03.23.90	2.05.16	Native	NA	NA

PERC 4/SC

The PERC 4/SC supports the following Dell PowerEdge systems: 500SC, 600SC, 650, 700, 750, 800, 830, 850, 1400SC, 1500SC, 1600SC, 1800, and 1850.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	3500	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	351Q	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	351X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.1	5.1	351X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.2	5.2	352B	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.3	5.3	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.4	5.4	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
3.0	5.5	352D (64-bit)	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA

CERC SATA 1.5/6 Channel

The CERC SATA 1.5/6 Channel supports the following Dell PowerEdge systems: 700, 750, 800, 830, 850, 1420SC, and 1800.

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

and 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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
1.1	4.3	2.8.0.7403	2.8.0.7010	2.8.0.7010	NA
1.2	4.4	4.1.0.7406	4.1.0.7010	4.1.0.7010 (32-bit) 4.1.1.7035 (64-bit)	NA

2.0	5.0	4.1.0.7417	4.1.0.7010	4.1.0.7010 (32-bit) 4.1.1.7038 (64-bit)	NA
2.1	5.1	4.1.0.7417	4.1.0.7010	4.1.0.7010 (32-bit) 4.1.1.7038 (64-bit)	NA
2.2	5.2	4.1.0.7417	NA	4.1.0.7010 (32-bit) 4.1.1.7038 (64-bit)	NA
2.3	5.3	4.1.0.7419	4.1.1.7040	4.1.1.7040	4.1.1.7040
2.4	5.4	4.1.0.7419	4.1.1.7040	4.1.1.7043	4.1.1.7040
3.0	5.5	4.1.0.7419	4.1.1.7040	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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	2.8.0.7403	1.1.4*	NA	NA	NA
1.2	4.4	4.1.0.7406	1.1.4*	NA	NA	NA
2.0	5.0	4.1.0.7417	1.1.4*	1.1.5-2372	NA	NA
2.1	5.1	4.1.0.7417	1.1.4*	1.1.5-2372	NA	NA
2.2	5.2	4.1.0.7417	NA	1.1.5-2392	NA	NA
2.3	5.3	4.1.0.7419	NA	1.1.5-2392	NA	NA
2.4	5.4	4.1.0.7419	NA	1.1.5-2392	NA	NA
3.0	5.5	4.1.0.7419	NA	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.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	5130	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	521Q	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.1	5.1	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.2	5.2	522A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	2.20.4.7
2.3 on PowerEdge 2850	5.3	5A2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.3 on PowerEdge 6850	5.3	5A2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
2.4 on PowerEdge	5.4	5A2D	5.48	6.46.2.32	2.10.10.1	2.20.4.4	NA	2.20.4.7

2850				(32-bit) 6.46.3.64 (64-bit)				
2.4 on PowerEdge 6850	5.4	5A2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
3.0 on PowerEdge 2850	5.5	5B2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
3.0 on PowerEdge 6850	5.5	5B2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	2.20.4.7
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.								

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	5130	5.46	6.41.2.32	2.10.7	NA	NA	NA
1.2	4.4	521Q	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.7	2.20.4.4	NA	NA
2.0	5.0	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.1	5.1	521X	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	NA
2.2	5.2	522A	NA	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	NA	2.20.4.4	NA	NA
2.3	5.3	5A2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	Native
2.4	5.4	5A2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	Native
3.0	5.5	5B2D	5.48	6.46.2.32 (32-bit) 6.46.3.64 (64-bit)	2.10.10.1	2.20.4.4	NA	Native
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.								

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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
1.4	4.5.1	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.0	5.0	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.1	5.1	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.2	5.2	5.1.1	2.8.0.32	2.8.0.32 (32-bit) 2.8.0.64 64-bit)	NA
2.3	5.3	5.2.1-0066	2.14.0.32	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	NA
2.4	5.4	5.2.1-0066	2.14.0.32	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	Native
3.0	5.5	5.2.2-0072	2.14.0.32	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05
2.1	5.1	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05
2.2	5.2	5.1.1	NA	00.00.03.06	00.00.03.06	00.00.03.06
2.3	5.3	5.2.1-0066	NA	00.00.03.13	00.00.03.13	00.00.03.13
2.4	5.4	5.2.1-0066	NA	00.00.03.13	00.00.03.16	00.00.03.16
3.0	5.5	5.2.2-0072	NA	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.						

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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008 Driver
2.0	5.0	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.1	5.1	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.2	5.2	5.1.1	2.8.0.32	2.8.0.32 (32-bit) 2.8.0.64 (64-bit)	NA
2.3	5.3	5.2.1-0066	2.14.0.32	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	NA
2.4	5.4	5.2.1-0066	2.14.0.32	2.14.0.32	Native

				(32-bit) 2.14.0.64 (64-bit)	
3.0	5.5	5.2.2-0072	2.14.0.32	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05
2.1	5.1	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05
2.2	5.2	5.1.1	NA	00.00.03.06	00.00.03.06	00.00.03.06
2.3	5.3	5.2.1-0066	NA	00.00.03.16	00.00.03.16	00.00.03.16
2.4	5.4	5.2.1-0066	NA	00.00.03.16	00.00.03.16	00.00.03.16
3.0	5.5	5.2.2-0072	NA	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.						

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 2000 Driver	Windows Server 2003 Driver	Windows Serer 2008
2.0	5.0	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.1	5.1	5.0.1	1.18.00.32	1.18.0.32 (32-bit) 1.18.0.64 (64-bit)	NA
2.2	5.2	5.1.1	2.8.0.32	2.8.0.32 (32-bit) 2.8.0.64 (64-bit)	NA
2.3	5.3	5.2.1-0067	2.14.0.32	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	NA
2.4	5.4	5.2.1-0067	2.14.0.32	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	Native
3.0	5.5	5.2.2-0072	2.14.0.32	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05
2.1	5.1	5.0.1	00.00.02.03	00.00.02.03	NA	00.00.02.05

2.2	5.2	5.1.1	NA	00.00.03.06	00.00.03.06	00.00.03.06
2.3	5.3	5.2.1-0067	NA	00.00.03.16	00.00.03.16	00.00.03.16
2.4	5.4	5.2.1-0067	NA	00.00.03.16	00.00.03.16	00.00.03.16
3.0	5.5	5.2.2-0072	NA	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.							

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
2.3	5.3	NA	NA	NA
2.4	5.4	6.0.2-0002	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	Native
3.0	5.5	6.1.1-xxxx	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.3	5.3	NA	NA	NA	NA	NA
2.4	5.4	6.0.2-0002	NA	00.00.03.16	00.00.03.16	00.00.03.16
3.0	5.5	6.1.1-xxxx	NA	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.						

SAS 5/iR Adapter

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

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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
2.0	5.0	00.06.50.00/ 06.06.00.02	1.21.08.00	1.21.08.00	NA
2.1	5.1	00.06.50.00/ 06.06.00.02	1.21.08.00	1.21.08.00	NA
2.2	5.2	00.10.47.00/ 06.12.02.00	1.24.0.2	1.24.0.2	NA
2.3	5.3	00.10.51.00.06.12.05.00	1.24.4.0	1.24.04.00	NA
2.4	5.4	00.10.51.00.06.12.05.00	1.24.04.40	1.24.04.40	1.26.05.00
3.0	5.5	00.10.51.00.06.12.05.00	1.24.04.40	1.28.03.01	1.28.03.01

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	00.06.50.00/ 06.06.00.02	02.06.32	03.02.63	NA	03.02.63
2.1	5.1	00.06.50.00/ 06.06.00.02	02.06.32	03.02.63	NA	03.02.63
2.2	5.2	00.10.47.00/ 06.12.02.00	NA	03.02.83.12	4.00.00.00	03.02.83.12 (version 9) 4.00.00.00 (version 10)
2.3	5.3	00.10.51.00.06.12.05.00	NA	3.02.83.12-7	4.00.07.00-2	3.02.83.12-7 (version 9) 4.00.07.00-2 (version 10)
2.4	5.4	00.10.51.00.06.12.05.00	NA	3.02.83.12-7	4.00.07.00-2	03.02.83.12-7 (version 9) Native (version 9 SP4) 4.00.07.00-2 (version 10)
3.0	5.5	00.10.51.00.06.12.05.00	NA	3.12.29.00-4	4.00.38.02-2	03.02.29.00-4 (version 9) 4.00.38.02-2 (version 10)

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

SAS 5/iR Integrated

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

and 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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008 Driver
2.0	5.0	00.06.50.00/ 06.06.00.02	1.21.08.00	1.21.08.00	NA
2.1	5.1	00.06.50.00/ 06.06.00.02	1.21.08.00	1.21.08.00	NA
2.2	5.2	00.10.47.00.06.12.02.00	1.24.0.2	1.24.0.2	NA
2.3	5.3	00.10.51.00.06.12.05.00	1.24.04.00	1.24.04.00	NA
2.4	5.4	00.10.51.00.06.12.05.00	1.24.04.40	1.24.04.40	1.26.05.00
3.0	5.5	00.10.51.00.06.12.05.00	1.24.04.40	1.28.03.01	1.28.03.01

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	00.06.50.00/ 06.06.00.02	2.06.32	3.02.63	NA	3.02.63
2.1	5.1	00.06.50.00/ 06.06.00.02	2.06.32	3.02.63	NA	3.02.63
2.2	5.2	00.10.47.00.06.12.02.00	NA	3.02.83.12	4.00.00.00	03.02.83.12 (version 9) 4.00.00.00 (version 10)
2.3	5.3	00.10.51.00.06.12.05.00	NA	3.02.83.12-7	4.00.07.00-2	3.02.83.12-7 (version 9) 4.00.07.00-2 (version 10)
2.4	5.4	00.10.51.00.06.12.05.00	NA	3.02.83.12-7	4.00.07.00-2	03.02.83.12-7

						(version 9) Native (version 9 SP4) 4.00.07.00-2 (version 10)
3.0	5.5	00.10.51.00.06.12.05.00	NA	3.12.29.00-4	4.00.38.02-2	03.02.29.00-4 (version 9) 4.00.38.02-2 (version 10)

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

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 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
2.0	5.0	00.06.40.00/06.06.00.01	1.21.08.00	1.21.08.00	NA
2.1	5.1	00.06.40.00/06.06.00.01	1.21.08.00	1.21.08.00	NA
2.2	5.2	00.10.47.00.06.12.02.00	1.24.0.2	1.24.0.2	NA
2.3	5.3	00.10.51.00.06.12.05.00	1.24.04.00	1.24.04.00	NA
2.4	5.4	00.10.51.00.06.12.05.00	1.24.04.40	1.24.04.40	1.26.05.00
3.0	5.5	00.10.51.00.06.12.05.00	1.24.04.40	1.28.03.01	1.28.03.01

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	00.06.40.00/06.06.00.01	02.06.32	03.02.63	NA	03.02.63
2.1	5.1	00.06.40.00/06.06.00.01	02.06.32	03.02.63	NA	03.02.63
2.2	5.2	00.10.47.00.06.12.02.00	NA	03.02.83.12	4.00.00.00	03.02.83.12 (version 9) 4.00.00.00 (version 10)
2.3	5.3	00.10.51.00.06.12.05.00	2.06.48.02-2	3.02.83.12-7	4.00.07.00-2	3.02.83.12-7 (version 9) 4.00.07.00-2 (version 10)
2.4	5.4	00.10.51.00.06.12.05.00	2.06.48.02-2	3.02.83.12-7	4.00.07.00-2	03.02.83.12-7 (version 9) Native (version 9 SP4) 4.00.07.00-2 (version 10)
3.0	5.5	00.10.51.00.06.12.05.00	2.06.48.02-2	3.12.29.00-4	4.00.38.02-2	03.02.29.00-4 (version 9) 4.00.38.02-2 (version 10)

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

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, and R905.

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

NOTE: Dell PowerVault DL2000 is scheduled to be available in second half of 2008.

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

Storage Management Service	Dell OpenManage Version	SAS Firmware/ BIOS Version	Windows 2000 Driver	Windows Server 2003 Driver	Windows Server 2008
2.0	5.0	00.06.40.00/06.06.00.01	1.21.08.00	1.21.08.00	NA
2.1	5.1	00.06.40.00/06.06.00.01	1.21.08.00	1.21.08.00	NA
2.2	5.2	00.10.47.00.06.12.02.00	1.24.0.2	1.24.0.2	NA
2.3	5.3	00.10.51.00.06.12.05.00	1.24.04.00	1.24.04.00	NA
2.4	5.4	00.10.51.00.06.12.05.00	1.24.04.40	1.24.04.40	1.26.05.00
3.0	5.5	00.10.51.00.06.12.05.00	1.24.04.40	1.28.03.01	1.28.03.01

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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.0	5.0	00.06.40.00/ 06.06.00.01	02.06.32	03.02.63	NA	03.02.63
2.1	5.1	00.06.40.00/ 06.06.00.01	02.06.32	03.02.63	NA	03.02.63
2.2	5.2	00.10.47.00.06.12.02.00	NA	03.02.83.12	4.00.00.00	03.02.83.12 (version 9) 4.00.00.00 (version 10)
2.3	5.3	00.10.51.00.06.12.05.00	2.06.48.02-2	3.02.83.12-7	4.00.07.00-2	3.02.83.12-7 (version 9) 4.00.07.00-2 (version 10)
2.4	5.4	00.10.51.00.06.12.05.00	2.06.48.02-2	3.02.83.12-7	4.00.07.00-2	03.02.83.12-7 (version 9) Native (version 9 SP4) 4.00.07.00-2 (version 10)
3.0	5.5	00.10.51.00.06.12.05.00	2.06.48.02-2	3.12.29.00-4	4.00.38.02-2	03.02.29.00-4 (version 9) 4.00.38.02-2 (version 10)
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.						

PERC 6/i Integrated and Adapter

The PERC 6/i Integrated supports the following Dell PowerEdge systems: 1950, 2900, 2950, 2970, R805, and R900.

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: R905, T300, and T605.

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
2.3	5.3	6.0.1-0080	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	NA
2.4	5.4	6.0.2-0002	2.14.0.32 (32-bit) 2.14.0.64	Native

			(64-bit)	
3.0	5.5	6.1.1-xxxx	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)

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 4.5 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (version 10)
2.3	5.3	6.0.1-0080	00.00.03.16	00.00.03.16	00.00.03.16
2.4	5.4	6.0.2-0002	00.00.03.16	00.00.03.16	00.00.03.16
3.0	5.5	6.1.1-xxxx	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.					

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, and T300.

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

NOTE: Dell PowerVault DL2000 is scheduled to be available in second half of 2008.

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
2.3	5.3	6.0.1-0080	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	NA
2.4	5.4	6.0.2-0002	2.14.0.32 (32-bit) 2.14.0.64 (64-bit)	Native
3.0	5.5	6.1.1-xxxx	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)	2.23.0.32 (32-bit) 2.23.0.64 (64-bit)

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

Storage Management Service	Dell OpenManage Version	PERC Firmware	Red Hat Enterprise Linux 4.5 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (version 10)
2.3	5.3	6.0.1-0080	00.00.03.16	00.00.03.16	00.00.03.16
2.4	5.4	6.0.2-0002	00.00.03.16	00.00.03.16	00.00.03.16
3.0	5.5	6.1.1-xxxx	00.00.03.21	00.00.03.21	00.00.03.21
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.					

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, and M905.

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

NOTE: M805, M905, T100, and PowerVault DL2000 is scheduled to be available in second half of 2008.

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
2.3	5.3	00.20.46.00.06.14.10.00	1.24.04.00	NA
2.4	5.4	00.20.48.00.06.14.10.00	1.24.04.40	1.26.05.00
3.0	5.5	00.25.46.00.06.22.02.00	1.28.03.01	1.28.03.01

**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 4.5 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.3	5.3	00.20.46.00.06.14.10.00	3.02.83.12-7	4.00.07.00-2	3.03.83.12-7 (version 9) 4.00.07.00-2 (version 10)
2.4	5.4	00.20.48.00.06.14.10.00	3.02.83.12-7	4.00.07.00-2	03.02.83.12-7 (version 9) Native (version 9 SP4) 4.00.07.00-2 (version 10)
3.0	5.5	00.25.46.00.06.22.02.00	3.12.29.00-4	4.00.38.02-2	03.12.29.00-4 (version 9) 4.00.38.02-2 (version 10)
Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.					

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 2000 Driver	Windows Server 2003 Driver
2.2	5.2	**NOTE:** See the appropriate **readme** file for the latest information.	1.21.25.00	1.21.25.00
2.3	5.3	1.03.27.00.5.10.08.00.12	1.21.25.00	1.21.25.00
2.4	5.4	1.03.27.00.5.10.08.00.12	1.21.25.00	1.21.25.00
3.0	5.5	1.03.27.00.5.10.08.00.12	1.21.25.00	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 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
2.2	5.2	**NOTE:** See the appropriate **readme** file for the	NA	3.02.83.01	NA	3.02.83.01 (version 9) 3.03.15 (version 10)

		latest information.				
2.3	5.3	1.03.27.00.5.10.08.00.12	NA	3.02.83.12-5	NA	3.02.83.12-5 (version 9 only)
2.4	5.4	1.03.27.00.5.10.08.00.12	NA	3.02.83.12-5	NA	3.02.83.12-5 (version 9 only)
3.0	5.5	1.03.27.00.5.10.08.00.12	NA	3.02.83.12-5	NA	3.02.83.12-5 (version 9 only)

Dell OpenManage version 5.3 supports only Update 5 of Red Hat Enterprise Linux version 4 and only SP3 for SUSE Linux Enterprise Server version 9. Dell OpenManage version 5.4 supports only Gold for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and Gold for SUSE Linux Enterprise Server version 10. Dell OpenManage version 5.5 supports only Update 5 for Red Hat Enterprise Linux 4, Update 2 for Red Hat Enterprise Linux 5 server, SP4 for SUSE Linux Enterprise Server version 9, and SP2 for SUSE Linux Enterprise Server version 10.

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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (versions 9 and 10)
1.1	4.3	NA	6.00.048	6.00.048	NA	NA	NA	NA
1.2	4.4	NA	6.00.050	6.00.050	NA	NA	NA	NA
2.0	5.0	NA	6.00.050	6.00.050	NA	NA	NA	NA
2.1	5.1	NA	6.00.050	6.00.050	NA	NA	NA	NA
2.2	5.2	NA	NA	6.0.50.5 (32-bit) 6.0.3643.4 (64-bit)	NA	NA	NA	NA
2.3	5.3	NA	NA	6.0.50.5 (32-bit) 6.0.3643.4 (64-bit)	NA	NA	NA	NA
2.4	5.4	NA	NA	6.0.50.5 (32-bit) 6.0.3643.4 (64-bit)	NA	NA	NA	NA
3.0	5.5	NA	NA	6.0.50.5 (32-bit) 6.0.3643.4 (64-bit)	NA	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 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (version 9 and 10)
1.1 on a PowerEdge 1600SC	4.3	1.03.04.00	1.08.19	1.08.18 (Native)	NA	NA	NA	NA
1.2 on a PowerEdge 1600SC	4.4	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.0 on a PowerEdge 1600SC	5.0	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA

2.1 on a PowerEdge 1600SC	5.1	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.2 on a PowerEdge 1600SC	5.2	1.03.23	NA	Native	NA	Native	NA	NA
2.3 on a PowerEdge 1600SC	5.3	1.03.23	NA	Native	NA	Native	NA	NA
2.4 on a PowerEdge 1600SC	5.4	1.03.23	NA	Native	NA	Native	NA	NA
3.0 on a PowerEdge 1600SC	5.5	1.03.23	NA	Native	NA	Native	NA	NA

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

Storage Management Service	Dell OpenManage Version	PERC Firmware Version	Windows 2000 Driver	Windows Server 2003 Driver	Red Hat Enterprise Linux 3 Driver	Red Hat Enterprise Linux 4 Driver	Red Hat Enterprise Linux 5 server Driver	SUSE Linux Enterprise Server (version 9 and 10)
1.1 on PowerEdge 1750	4.3	1.01.61.00	1.08.19	1.08.18 (Native)	NA	NA	NA	NA
1.1 on PowerEdge 2600	4.3	1.01.61.00	1.08.19	1.08.18 (Native)	NA	NA	NA	NA
1.2 on a PowerEdge 1750	4.4	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
1.2 on a PowerEdge 2600	4.4	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.0 on a PowerEdge 1750	5.0	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.0 on a PowerEdge 2600	5.0	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.1 on a PowerEdge 1750	5.1	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.1 on a PowerEdge 2600	5.1	1.03.23	1.09.11	1.09.11 (Native)	2.05.11.03	Native	NA	NA
2.2 on a PowerEdge 1750	5.2	1.01.61.00	NA	Native	NA	NA	NA	NA
2.2 on a PowerEdge 2600	5.2	1.01.61.00	NA	Native	NA	NA	NA	NA
2.3 on a PowerEdge 1750	5.3	1.01.61.00	NA	Native	NA	NA	NA	NA
2.3 on a PowerEdge 2600	5.3	1.01.61.00	NA	Native	NA	NA	NA	NA
2.4 on a PowerEdge 1750	5.4	1.01.61.00	NA	Native	NA	NA	NA	NA
2.4 on a PowerEdge 2600	5.4	1.01.61.00	NA	Native	NA	NA	NA	NA
3.0 on a PowerEdge 1750	5.5	1.01.61.00	NA	Native	NA	NA	NA	NA
3.0 on a PowerEdge 2600	5.5	1.01.61.00	NA	Native	NA	NA	NA	NA

Supported Dell Remote Access Controllers and Solutions

Dell™ Systems Software Support Matrix 5.5

- Supported Microsoft Windows Operating Systems for the DRAC
- Supported Linux Operating Systems for the DRAC
- RAC Firmware Versions

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, see the *Dell Remote Access Controller User's Guide* available on the Dell Support website at **support.dell.com** or on the *Dell Systems Management Tools and Documentation* DVD.

Supported Dell Remote Access Controller versions and firmware, as well as supported BMC IPMI protocol versions, are listed in Table 5-1. Table 5-1 lists the following DRAC types:

- Integrated Dell Remote Access Controller (iDRAC)
- Dell Remote Access Controller 5 (DRAC 5)
- Dell Remote Access Controller/Modular Computer (DRAC/MC)
- Dell Remote Access Controller 4 (DRAC 4)
- Dell Remote Access Controller III/XT (DRAC III/XT)
- Dell Embedded Remote Access/Modular Computer (ERA/MC) controller
- Dell Embedded Remote Access/Option (ERA/O) controller
- Dell Embedded Remote Access (ERA) controller
- Dell Remote Access Card III (DRAC III)

NOTE: M805, M905, T100, and PowerVault DL2000 are scheduled to be available in second half of 2008.

NOTE: The DRAC III occupies a PCI slot, and has a modem, a battery, and an external AC power connection unlike the other RACs.

Table 5-1. Supported Remote Access Controllers and Solutions

Dell System	Dell Remote Access Controllers (DRACs)		Baseboard Management Controller (BMC)		
	DRAC Type	Supported DRAC Firmware Version	Integrated BMC	BMC Firmware Version	Supported IPMI Protocol Versions
M805	iDRAC	1.2	X (CMC)	1.29 or later	2.0
M905	iDRAC	1.2	X (CMC)	1.29 or later	2.0
T605	DRAC 5	1.40	X	2.30	2.0
R905	DRAC 5	1.40	X	2.31	2.0
T300	DRAC 5	1.40	X	2.34	2.0
R300	DRAC 5	1.40	X	2.34	2.0
M600	iDRAC	1.2	X (CMC)	1.29 or later	2.0
M605	iDRAC	1.2	X (CMC)	1.29 or later	2.0
R805	DRAC 5	1.40	X	1.29 or later	2.0
R900	DRAC 5	1.40	X	2.27	2.0
R200	DRAC 4	1.61	X	1.29 or later	2.0
6950[*]	DRAC 5	1.40	X	2.29	2.0
2970[*]	DRAC 5	1.40	X	2.29	2.0
2950[*]	DRAC 5	1.40	X	2.28	2.0
2900[*]	DRAC 5	1.40	X	2.28	2.0
1955	DRAC/MC	1.50	X	1.10 or later	2.0
1950[*]	DRAC 5	1.40	X	2.28	2.0
1900[*]	DRAC 5	1.40	X	2.29	2.0
6850	DRAC 4	1.61	X	1.40 or later	1.5
6800	DRAC 4	1.61	X	1.40 or later	1.5
2850	DRAC 4	1.61	X	1.23 or later	1.5
2800	DRAC 4	1.61	X	1.23 or later	1.5

1855	DRAC/MC	1.50	X	1.01 or later	1.5
1850	DRAC 4	1.61	X	1.23 or later	1.5
1800	DRAC 4	1.61	X	1.23 or later	1.5
860	DRAC 4	1.61	X	1.67 or later	1.5
850	DRAC 4	1.61	X	1.44 or later	1.5
840	DRAC 4	1.61	X	1.67 or later	1.5
830	DRAC 4	1.61	X	1.44 or later	1.5
800	DRAC 4	1.61	X	1.30 or later	1.5
1750	ERA/O	3.38			
750	DRAC III/XT	3.38			
700	DRAC III/XT	3.38			
6650	DRAC III	3.38			
6600	DRAC III	3.38			
4600	DRAC III	3.38			
2650	ERA	3.38			
2600	ERA/O	3.38			
1655MC	ERA/MC	1.4.4			
1650	ERA/O	3.38			
1600SC	ERA	3.38			
650	DRAC III	3.38			
600SC					
PowerVault™ systems					
500	DRAC 5	1.40	X	1.29 or later	2.0
600	DRAC 5	1.40	X	1.29 or later	2.0
NX1950	DRAC 5	1.40	X	1.29 or later	2.0
DL2000	DRAC 5	1.40	X	1.29 or later	2.0
PowerEdge SC systems					
SC1435			X	2.29	2.0
SC1430					
SC1425			X	1.30 or later	1.5
SC1420					
SC440					
SC430					
SC420					
T105					
T100					
* 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.					

Supported Microsoft Windows Operating Systems for the DRAC

Table 5-2 shows supported Microsoft Windows operating systems for the DRAC. An X in the operating system column indicates support for the DRAC.

Table 5-2. Supported Microsoft Windows Operating Systems for DRAC

	Windows 2000		Windows Server 2003 x86			Windows Server 2003 x64			Windows Storage Server 2003 R2 x64				
Edition	Server	Advanced Server	Web	Standard	Enterprise	Standard	Enterprise	Datacenter	Express	Workgroup	Standard	Enterprise	Standard a Enterpris
Service Pack	SP4	SP4	SP2	SP2	SP2	SP2	SP2	SP2	R2-SP2	R2-SP2	R2-SP2	R2-SP2	Gold
DRAC	X	X	X	X	X	X	X	X	X	X	X	X	X

Supported Linux Operating Systems for the DRAC

Table 5-3 shows supported Linux operating systems for the DRAC. An X in the operating system column indicates support for the DRAC.

Table 5-3. Supported Linux Operating Systems for DRAC

	SUSE Linux Enterprise Server 9 (x86_64)	SUSE Linux Enterprise Server 10 (x86_64)	Red Hat Enterprise Linux 4.5 (x86_32)			Red Hat Enterprise Linux 4.5(x86_64)			Red Hat Enterprise Linux 5 server (x86_32)	Red Hat Enterprise Linux 5 server (x86_64)
Edition			WS	ES	AS	WS	ES	AS		
Service Pack	SP4	SP2	Gold	Gold	Gold	Gold	Gold	Gold	U2	U2
DRAC	X	X	X	X	X	X	X	X	X	X

RAC Firmware Versions

shows the firmware version required for each RAC that is offered on the corresponding *Systems Management* CD.

Table 5-4. **RAC Firmware Version by Systems Management CD Version**

Systems Management CD Version	Firmware Version				
	DRAC III	ERA	ERA/O	DRAC III/XT	DRAC 4
3.0	1.10	NA	NA	NA	NA
3.0.1	1.10	NA	NA	NA	NA
3.0.2	1.10	1.05	NA	NA	NA
3.1	1.20	1.05	1.10	NA	NA
3.1.1	1.20	1.05	1.20	NA	NA
3.2	1.30	1.07	1.20	NA	NA
3.2.2	1.30	1.07	1.20	1.30	NA
NA	NA	1.21	NA	NA	NA
3.3	2.0	2.0	2.0	2.0	NA
3.4	2.2	2.2	2.2	2.2	NA
3.5	2.5	2.5	2.5	2.5	NA
3.6	3.0	3.0	3.0	3.0	NA
3.7	3.10	3.10	3.10	3.10	NA
3.8	3.12	3.12	3.12	3.12	NA
4.0.1	NA	NA	NA	NA	1.0
4.1	3.14	3.14	3.14	3.14	1.0
4.1.1	NA	NA	NA	NA	1.0
4.1.2	NA	NA	NA	NA	1.0
4.1.3	NA	NA	NA	NA	1.0
4.1.4	NA	NA	NA	NA	NA
4.2	3.20	3.20	3.20	3.20	1.1

shows the firmware version required for each RAC that is offered on the corresponding *Dell PowerEdge* Server Update Utility CD.

NOTE: Starting with Dell OpenManage version 5.3, the RAC firmware is available on the *Dell Server Updates* DVD.

Table 5-5. **RAC Firmware Version by Server Update Utility Media Version**

Dell OpenManage Version	Server Update Utility Media Version	Firmware Version							
		DRAC III	ERA	ERA/O	DRAC III/XT	DRAC 4	DRAC/MC	DRAC 5	iDRAC
4.3	1.0	3.2.1	3.20	3.20	3.20	1.2	1.1.0	NA	NA
4.4	1.1	3.3.0	3.3.0	3.3.0	3.3.0	1.30	1.1.1	NA	NA
4.5	1.2	3.3.0	3.3.0	3.3.0	3.3.0	1.30	1.2.0	NA	NA
5.0	1.3	3.35	3.35	3.35	3.35	1.35	1.3	1.0	NA
5.1	1.4	3.35	3.35	3.35	3.35	1.35	1.3	1.0	NA

5.1.1	1.5	NA	NA	NA	NA	NA	NA	1.0	NA
5.2	1.5	3.35	3.35	3.35	3.35	1.50	1.4	1.20	NA
5.3	1.6	3.35	3.35	3.35	3.35	1.6	1.5	1.30	1.0
5.4	1.7	3.38	3.35	3.35	3.35	1.61	1.5	1.3.3	1.0
5.5	1.8.1	3.38	3.38	3.38	3.38	1.61	1.5	1.40	1.2