

## NetApp® - Oracle® RAC Certification and Support Matrix

Operating System	Server Platform	Cluster Vendor	Protocol			Oracle Database Version			
			NFS	iSCSI	FCP	9i	10g R1	10g R2	11g R1
RHAS 2.1	x86	Oracle Clusterware	✓	✓	✓	✓	na	na	
RHEL 3	x86		✓	✓	✓	✓	✓	✓	
RHEL 3	IA64		✓	✓		✓	iSCSI	iSCSI	
RHEL 3	x86_64, AMD64, EM64T		✓	✓	✓	✓	iSCSI, FCP	✓	
RHEL 4	x86		✓	✓	✓	iSCSI, FCP	✓	✓	
RHEL 4	IA64		✓	✓		iSCSI	iSCSI	✓	
RHEL 4	Power		✓	✓				✓	
RHEL 4	x86_64, AMD64, EM64T		✓	✓	✓	iSCSI, FCP	✓	✓	
RHEL 5	x86			✓	✓			✓	✓
RHEL 5	x86_64, AMD64, EM64T			✓	✓	iSCSI, FCP			
OEL 4	x86		Oracle Clusterware	✓	✓	✓	iSCSI, FCP	✓	✓
OEL 4	x86_64, AMD64, EM64T	✓		✓	✓	iSCSI, FCP	✓	✓	
OEL 5	x86			✓	✓			✓	✓
OEL 5	x86_64, AMD64, EM64T			✓	✓			✓	
SLES 8	x86	Oracle Clusterware	✓	✓	✓	iSCSI, FCP	✓	✓	
SLES 9	x86		✓	✓	✓	✓	✓	✓	
SLES 9	x86_64, AMD64, EM64T		✓	✓	✓	iSCSI, FCP	✓	✓	
SLES 9	Power		✓	✓				✓	
SLES 10	x86		✓	✓	✓	iSCSI, FCP	iSCSI, FCP	✓	

SLES 10	x86_64, AMD64, EM64T		✓	✓	✓	iSCSI, FCP	iSCSI, FCP	✓	
Asianux 1.x	x86	Oracle Clusterware	✓	✓			✓	na	
Windows® 2000 (SP3)	x86	Oracle Clusterware	na	✓	✓		✓	✓	
Windows 2003			na	✓	✓		✓	✓	
Windows 2000 (SP3)	x86_64, AMD64, EM64T, IA64	Oracle Clusterware	na	✓	✓			✓	
Windows 2003			na	✓	✓			✓	
Solaris™ 8	SPARC	Oracle Clusterware	✓		✓	FCP	✓	✓	
		Veritas DBE/AC 3.5			✓	✓	✓		
		Sun Cluster 3.0, 3.1 (08/05) or above	✓			✓	✓	✓	
		Fujitsu PRIMECLUSTER	✓		✓	✓			
Solaris 9	SPARC	Oracle Clusterware	✓		✓	FCP	✓	✓	
		Veritas DBE/AC 3.5			✓	✓			
		Veritas VCS SF RAC 4.1			✓	✓	✓	✓	
		Sun Cluster 3.0, 3.1 (08/05) or above	✓		✓	✓	NFS	NFS	
		Fujitsu PRIMECLUSTER	✓		✓	✓	✓		
Solaris 10	SPARC	Oracle Clusterware	✓		✓	FCP	✓	✓	
		Veritas VCS SF RAC 4.1			✓	✓	✓	✓	
		Sun Cluster 3.1 (08/05) or above	✓		✓	✓	✓	✓	
		Fujitsu PRIMECLUSTER 4.1	✓				✓		
Solaris 10	x86_64	Oracle Clusterware	✓					✓	
		Sun Cluster 3.1 (08/05) or above	✓		✓	FCP	FCP	✓	
HP-UX 11.23 or above	HP Integrity (Itanium) and HP Telco servers	Oracle Clusterware	✓		✓	FCP	✓	✓	
	HP 9000(PA-RISC) and HP Telco servers		✓		✓	FCP	✓	✓	

HP-UX 11i	HP 9000(PA-RISC) and HP Telco servers	ServiceGuard			✓	✓	✓	✓	
HP-UX 11.23 or above	HP 9000, HP Integrity, and HP Telco servers				✓	✓	✓	✓	
AIX 5.1 - 5.2	IBM eServer System p	Oracle Clusterware			✓		✓	✓	
		IBM HACMP			✓	✓	✓	✓	
AIX 5.3	IBM eServer System p	Oracle Clusterware	✓		✓		FCP	✓	
		IBM HACMP			✓	✓	✓	✓	

**Note**

Inclusion in this matrix indicates support by Data ONTAP®, NetApp iSCSI/FCP (if applicable), and Oracle RAC technologies.

To show FCP or iSCSI support for a platform in this matrix, NetApp must support FCP or iSCSI for the platform, and Oracle must support RAC for the platform.

References	
NetApp Interoperability Matrix:	<a href="http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSupport_April2007RevA.pdf#page=1">http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSupport_April2007RevA.pdf#page=1</a>
Sun Cluster Software Interoperability Matrix for NAS	<a href="http://www.sun.com/software/cluster/osp/netapp_interop.xml">http://www.sun.com/software/cluster/osp/netapp_interop.xml</a>
Sun Cluster Software Interoperability Matrix for FCP	<a href="http://www.sun.com/software/cluster/osp/netapp_interop_fc.xml">http://www.sun.com/software/cluster/osp/netapp_interop_fc.xml</a>
NetApp FCP and iSCSI SAN Support Matrices	<a href="http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSupport_April2007RevA.pdf#page=1">http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSupport_April2007RevA.pdf#page=1</a>
Oracle Certification Matrices	<a href="http://www.oracle.com/technology/support/metalink/index.html">http://www.oracle.com/technology/support/metalink/index.html</a>
Oracle OSCP web page	<a href="http://www.oracle.com/technology/deploy/availability/htdocs/oscp.html">http://www.oracle.com/technology/deploy/availability/htdocs/oscp.html</a>
Oracle RAC Technologies Matrix for Linux Clusters	

Oracle RAC Technologies Matrix for Solaris Operating System: (SPARC) Clusters	
<b>Note</b>	
NetApp FCP matrix shows the Sun Cluster support for Oracle RAC for a maximum of four nodes.	<a href="http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSsupport_April2007RevA.pdf">http://now.netapp.com/NOW/knowledge/docs/san/fcp_iscsi_config/QuickRef/NetAppSANSsupport_April2007RevA.pdf</a>
Oracle 9i on Windows has been desupported by Oracle (check the Oracle Certification Matrices).	
Oracle does not support 64 bit or X86_64 on Windows for 10gR1 (check the Oracle Certification Matrices).	
Oracle does not support OEL 5 with 9i or 10gR1 (check the Oracle Certification Matrices).	