

ORACLE SOLARIS CLUSTER SYSTEM REQUIREMENTS

THE BEST AVAILABILITY SOLUTION FOR ENTERPRISE DATA CENTERS AND MISSION-CRITICAL CLOUDS

KEY CHARACTERISTICS

- Multi-tenant, application-specific HA
- Unique Zone cluster for multi-tier applications and workloads
- Unified HA and DR for traditional data center to cloud infrastructure
- Fastest, accurate failure detection and services recovery
- Pretested out-of-the-box application support
- Disaster recovery for business continuity
- Co-engineered with SPARC SuperCluster
- The HA component for Oracle Optimized Solution

Oracle Solaris Cluster environment is built on the solid foundation provided by Oracle Solaris operating system and Sun's hardware products and leverages close relationships with storage partners for a complete and supported solution.

Oracle Solaris Cluster 4 (Oracle Solaris 11)

System Requirements	
Hardware	
For every cluster node	<p>Minimum of 1.5 Gbytes of physical RAM (2 Gbytes typical) Minimum of 6GB of available hard drive space</p> <p>Actual physical memory and hard drive requirements would be determined by the applications installed. Consult the application's documentation or contact the application vendor to calculate additional memory and hard drive requirements.</p>
Supported Platforms	
Supported Operating Systems	<p>Oracle Solaris 11 (Oracle Solaris Cluster 4.0) Oracle Solaris 11.1 (Oracle Solaris Cluster 4.1)</p>
SPARC platforms	<p>SPARC M5-32, M6-32 SPARC T5-1B, T5-2, T5-4, T5-8 SPARC T3-1, T3-1B, T3-2, T3-4, T4-1, T4-1B, T4-2, T4-4 SPARC Enterprise T1000, T2000, T5120, T5140, T5220, T5240, T5440 SPARC Enterprise M3000, M4000, M5000, M8000, M9000 Sun Fire T1000, T2000 Sun Netra T2000, T5220, T5440, CP3060, CP3260, Netra SPARC T3-1, T3-1B, T4-1, T4-1B, T4-2, T5-1B server module Sun Blade T6300, T6320, T6340 Fujitsu M10-1, M10-4, M10-4S</p>
X86 platforms	<p>Sun Server X2-4, X2-8, X3-2, X3-2L, X4-2, X4-2L Sun Fire X4140, X4150, X4170, X4170 M2, X4240, X4250, X4270, X4270 M2, X4275, X4440, X4450, X4470, X4470 M2, X4540, X4600, X4600 M2, X4800 Sun Blade X6220, X6240, X6250, X6270, X6270 M2, X6440, X6450, X4-2B Sun Netra X4250, X4270, X6270 M2, Netra Server X3-2</p>
Sun and partner storage	<p>Sun ZFS Storage 7110, 7210, 7310, 7410, 7120, 7320, 7420 Oracle ZFS Storage ZS3-2, ZS3-4</p> <p>Fiber Channel Pillar Axiom 600, Sun Storage 2540-M2, 6180, 6580, 6780</p> <p>Third party storage partners, including 3PAR, Compellent, Engenio, EMC, Fujitsu, Hitachi, HP, IBM, NEC, NetApp are in the process of becoming certified with Oracle Solaris 11 and Oracle Solaris Cluster 4 through the Oracle Solaris Cluster Storage Partner Program. For more information on this Program and to access the supported storage configuration, visit the Oracle Solaris Cluster Storage Partner Program site here: http://www.oracle.com/technetwork/server-storage/solaris-cluster/partnerprogram-cluster-168135.pdf</p>

Oracle Solaris Cluster 3.x (Oracle Solaris 9 and Oracle Solaris 10)

System Requirements	
Hardware	
For every cluster node	Minimum of 512 MB of physical RAM (2GB typical) Minimum of 6GB of available hard drive space Actual physical memory and hard drive requirements would be determined by the applications installed. Consult the application's documentation or contact the application vendor to calculate additional memory and hard drive requirements.
Supported Platforms	
Supported Operating Systems	Oracle Solaris 10 (Oracle Solaris Cluster 3.3) Oracle Solaris 10, 9 (Oracle Solaris Cluster 3.2)
SPARC platforms	SPARC M5-32, M6-32 SPARC T5-1B, T5-2, T5-4, T5-8 SPARC T3-1, T3-1B, T3-2, T3-4, T4-1, T4-2, T4-1B, T4-4 Sun Enterprise 220R, 250, 420R, 3500, 4500, 5500, 6500, 10000 Sun Enterprise T1000, T2000, T5120, T5140, T5220, T5240, T5440 Sun Enterprise M3000, M4000, M5000, M8000, M9000-32, M9000-64 Sun Fire V120, V125, V210, V215, V240, V245, V250, V440, V445, V480, V490, 280R, V880, V890, V1280, V1290, 3800, 4800/4810, 6800 Sun Fire E2900, E4900, E6900, E12K, E15K, E20K, E25K Sun Fire T1000/T2000 Netra 20, 120, 210, 240, 440, 1280, 1290, T 1120/1125, T1 AC200 & DC200, T 1400/1405, T2000, T5220, T5440, T6340, CP3010, CP3060, CP3260, Netra SPARC T3-1, T3-1B, T4-1, T4-1B, T4-2, T5-1B Sun Blade T6300, T6320, T6340 Fujitsu M10-1, M10-4, M10-4S Sun Fire V20z and V40z
X86 platforms	Sun Fire X2100 M2, X2200 M2, X4100, X4100 M2, X4140, X4150, X4170, X4170 M2, X4200, X4200 M2, X4240, X4250, X4270, X4270 M2, X4275, X4440, X4450, X4470, X4540, X4600, X4600 M2, X4640, X4800 Sun Server X2-4 (formerly X4470 M2), X2-8 (formerly X4800 M2) X3-2 and X3-2L (formerly X4170 M3 and X4270 M3), X4-2 and X4-2L servers, Sun Blade X6220, X6240, X6250, X6270, X6270 M2, X6440, X6450, X8400, X8420, X8440, X8450 , X3-2B, X4-2B Netra X4200, X4250, X4450, X4270, X6270 M2, Server X3-2
Sun storage	Sun ZFS Storage 7110, 7210, 7310, 7410, 7120, 7320, 7420 Oracle ZFS Storage ZS3-2, ZS3-4 Fiber Channel A3500(FC),A5000, A5100, A5200, T3 2540 RAID, 2540 M2, 6140, 6540, 6580, 6780, 3510 RAID, 3511 RAID, 3910/3960, 6120, 6130, 6180, 6320, 6910/6960, 6920,, 9910/9960, 9970/9980, 9985/9990, 9985V/9990V, Pillar Axiom 600 SCSI Netra st D130, st A1000, st D1000 arrays S1, D2, A3500 (SCSI), A1000, D1000, 3120 JBOD, 3310 JBOD, 3310 RAID, 3320 JBOD, 3320 RAID ISCSI 2510 Pillar Axiom 600 NAS 5210, 5220, 5310, 5320

	<p>SAS Storage 2530 RAID, 2530-M2, J4200, J4400</p>
Partner storage	<p>Storage array configurations from third party vendors including 3PAR, Compellent, Engenio, EMC, Fujitsu, Hitachi, HP, IBM, NEC, NetApp, Pillar Data Systems are supported with Oracle Solaris Cluster on Sun IO stack through the Oracle Solaris Cluster Storage Partner Program. For more information on this Program and to access the supported storage configuration, visit the Oracle Solaris Cluster Storage Partner Program site here: http://www.oracle.com/technetwork/server-storage/solaris-cluster/partnerprogram-cluster-168135.pdf</p>
Partner servers	<p>Oracle Solaris Cluster is not supported on non-Oracle servers except for some older generation HP servers. The limited list of supported HP x64 ProLiant is available on http://www.oracle.com/technetwork/server-storage/solaris-cluster/hp-proliant-matrix-168117.pdf</p>

Contact Us

For more information about Oracle Solaris 11, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.
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