

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 4.0 (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	Oracle Solaris 11 (Oracle Solaris 4.0)
SPARC platforms	<p>Sun Netra T5220, T5440, CP3060, CP3260, Netra SPARC T3-1, T3-1BA</p> <p>SPARC T3-1, T3-2, T3-4, T4-1, T4-2, T4-1B, T4-4</p> <p>SPARC Enterprise T5120, T5240, T5440</p> <p>SPARC Enterprise M3000, M4000, M5000, M8000, M9000</p>
X86 platforms	<p>Sun Fire X4170 M2, X4270 M2, X4470, X4470M2, X4800 Server, X4800 M2</p> <p>Sun Blade X6270 M2</p> <p>Sun Netra X4250, X6270 M2</p>
Sun and partner storage	<p>Fiber Channel Pillar Axiom 600</p> <p>Sun ZFS Storage 7120, 7320, 7420</p> <p>Third party storage array configurations from vendors including 3PAR, Compellent, Engenio, EMC, Fujitsu, Hitachi, HP, IBM, NEC, NetApp are not yet certified with Oracle Solaris 11 and Oracle Solaris Cluster 4.0.</p>

Oracle Solaris Cluster 3.3 5/11 (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	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, Netra SPARC T3-1B Oracle SPARC T3-1, SPARC T3-1B, SPARC T3-2, SPARC T3-4, SPARC T4-1, SPARC T4-2, SPARC T4-1B, SPARC 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 Sun Blade T6300, T6320, T6340
X86 platforms	Sun Fire V20z and V40z 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, X4470M2, X4540, X4600, X4600 M2, X4640, X4800, X4800 M2 Sun Blade X6220, X6240, X6250, X6270, X6270 M2, X6440, X6450, X8400, X8420, X8440, and X8450 Netra X4200, X4250, X4450, X4270, X6270 M2
Sun and partner storage	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, 7110, 7210, 7310, 7410, 7120, 7320, 7420, 7720, 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 Sun Unified Storage 7110, 7210, 7310, 7410 ZFS Appliance 7120, 7320, 7420, 7720 Pillar Axiom 600 NAS 5210, 5220, 5310, 5320 SAS Storage 2530 RAID, 2530-M2 J4200, J4400

	<p>Third party storage array configurations from 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>
<p>Partner servers</p>	<p>Oracle Solaris Cluster is supported on a limited set of non-Sun hardware. For more information on the interoperability with HP x64 ProLiant servers, visit the Oracle Solaris Cluster and HP x64 ProLiant Servers Interoperability Matrix 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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Hardware and Software, Engineered to Work Together