# Oracle Solaris Cluster

# System Requirements

An Oracle Solaris Cluster environment is built on the solid foundation provided by the Oracle Solaris operating system and Oracle's hardware products, and it 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 | Minimum of 1.5 GB of physical RAM (2 GB typical) |
|---|---|
| | Minimum of 6 GB of available hard drive space |
| | Actual physical memory and hard drive requirements are determined by the applications installed. Consult the applications' documentation or contact the application vendor to calculate additional memory and hard drive requirements. |

SUPPORTED PLATFORMS

Oracle Solaris Cluster enables customers to build a highly available enterprise environment with Oracle Solaris.

**Key Business Benefits**

- Multitenant, application-specific high availability (HA)
- Unique Oracle Solaris Zones clusters for multitier applications and workloads
- Unified HA and disaster recovery (DR) for traditional data center or cloud infrastructure
- Fast, accurate failure detection and service recovery
- Pretested out-of-the-box application support
- Orchestrated DR for business continuity
- Coengineered with Oracle SuperCluster
- The HA framework for Oracle Optimized Solutions

| | |
|---|---|
| Supported operating systems | Oracle Solaris 11 (Oracle Solaris Cluster 4.0)<br><br>Oracle Solaris 11.1 (Oracle Solaris Cluster 4.1, 4.2)<br><br>Oracle Solaris 11.2 (Oracle Solaris Cluster 4.2, 4.3)<br><br>Oracle Solaris 11.3 (Oracle Solaris Cluster 4.3)<br><br>Oracle Solaris 11.4 (Oracle Solaris Cluster 4.4) |
| Oracle/Fujitsu SPARC platforms | SPARC M8-8, T8-4, T8-2, T8-1<br><br>SPARC M7-16, M7-8, T7-4, T7-2, T7-1, S7-2, S7-2L<br><br>SPARC M5-32, M6-32<br><br>SPARC T5-1B, T5-2, T5-4, T5-8<br><br>SPARC T3-1, T3-1B, T3-2, T3-4, T4-1, T4-1B, T4-2, T4-4<br><br>SPARC Enterprise T1000, T2000, T5120, T5140, T5220, T5240, T5440<br><br>SPARC Enterprise M3000, M4000, M5000, M8000, M9000<br><br>Sun Fire T1000, T2000<br><br>Sun Netra T2000, T5220, T5440, CP3060, CP3260,<br><br>Netra SPARC T3-1, T3-1B, T4-1, T4-1B, T4-2, T5-1B server module<br><br>Sun Blade T6300, T6320, T6340<br><br>Fujitsu M10-1, M10-4, M10-4S, M12-1, M12-2, M12-2S |
| Oracle x86 platforms | Oracle Server X5-2, X5-2L, X5-4, X5-8, X6-2, X6-2L, X7-2, X7-2L, X7-8<br><br>Sun Server X2-4, X2-8, X3-2, X3-2L, X4-2, X4-2L, X4-4, X4-8<br><br>Sun Fire X4140, X4150, X4170, X4170 M2, X4240, X4250, X4270, X4270 M2, X4275, X4440, X4450, X4470, X4470 M2, X4540, X4600, X4600 M2, X4800<br><br>Sun Blade X6220, X6240, X6250, X6270, X6270 M2, X6440, X6450, X4-2B<br><br>Sun Netra X4250, X4270, X6270 M2, Netra Server X3-2, X5-2 |

| Oracle storage products | **Oracle ZFS Storage Appliances** |
|---|---|
| | • Sun ZFS Storage 7110, 7210, 7310, 7410, 7120, 7320, 7420 |
| | • Oracle ZFS Storage ZS3-2, ZS3-4, ZS4-4, ZS5-2, ZS5-4 |
| | **Fiber Channel** |
| | • Sun Storage 2540-M2, 6180, 6580, 6780 |
| | • Pillar Axiom 600 |
| | • Oracle FS1-2 flash storage system |
| Partner storage products | Storage partners, such as EMC, Fujitsu, Hitachi, HP, IBM, NEC, and NetApp are certifying their storage arrays 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 configurations, visit the Oracle Solaris Cluster Storage Partner Program site: https://www.oracle.com/technetwork/server-storage/solaris-cluster/partnerprogram-cluster-168135.pdf |

For more details access the Oracle Solaris Cluster 4 compatibility guide.

## ORACLE SOLARIS CLUSTER 3 (ORACLE SOLARIS 9 AND ORACLE SOLARIS 10)

**System Requirements**

HARDWARE

| For every cluster node | Minimum of 512 MB of physical RAM (2 GB typical) |
|---|---|
| | Minimum of 6 GB of available hard drive space |
| | Actual physical memory and hard drive requirements are determined by the applications installed. Consult the applications' 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) |

| Oracle/Fujitsu SPARC platforms | SPARC M8-8, T8-4, T8-2, T8-1 (guest domain only) |
|---|---|
| | SPARC M7-16, M7-8, T7-4, T7-2, T7-1, S7-2, S7-2L (guest domain only) |
| | 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 |
| | Sun Netra 20, 120, 210, 240, 440, 1280, 1290, T 1120/1125, T1 AC200 and 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, M12-1, M12-2, M12-2S |
| Oracle x86 platforms | Oracle Server X5-2, X5-2L, X5-4, X5-8, X6-2, X6-2L, X7-2, X7-2L, X7-8 |
| | Sun Server X2-4, X2-8, X3-2, X3-2L, X4-2, X4-2L, X4-4, X4-8 |
| | 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, X5-2 |

| | |
|---|---|
| Oracle storage products | Oracle ZFS Storage Appliances<br><br>• Sun ZFS Storage 7110, 7210, 7310, 7410, 7120, 7320, 7420<br><br>• Oracle ZFS Storage ZS3-2, ZS3-4<br><br>Fibre Channel<br><br>• A3500 (FC), A5000, A5100, A5200, T3<br><br>• 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<br><br>• Pillar Axiom 600<br><br>• Oracle FS1-2 flash storage system<br><br>SCSI<br><br>• Netra st D130, st A1000, st D1000 arrays<br><br>• S1, D2, A3500 (SCSI), A1000, D1000, 3120 JBOD, 3310 JBOD, 3310 RAID, 3320 JBOD, 3320 RAID<br><br>iSCSI<br><br>• 2510<br><br>• Pillar Axiom 600<br><br>NAS<br><br>• 5210, 5220, 5310, 5320<br><br>SAS Storage<br><br>• 2530 RAID, 2530-M2, J4200, J4400 |
| Partner storage products | Storage partners, such as EMC, Fujitsu, Hitachi, HP, IBM, NEC, and NetApp are certifying their storage arrays 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 configurations, visit the Oracle Solaris Cluster Storage Partner Program site: https://www.oracle.com/technetwork/server-storage/solaris-cluster/partnerprogram-cluster-168135.pdf |

For more details access the Oracle Solaris Cluster 3 compatibility guide.

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