ORACLE

SOLARIS

ORACLE SOLARIS CLUSTER INTEROPERABILITY MATRIX

EMC VNX Family – Unified Storage	
Storage Supported [2] (BLOCK)	VNX 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 7500, 7600, 8000, F5000, F7000 VNX e1600, 3100, 3150, 3200, 3300 Unity 300, 300F, 350F, 380, 380F, 400, 400F, 450F, 480, 480F, 500, 500F, 550F, 600, 600F, 650F, 680, 680F, 880, 880F
SPARC	
Oracle Servers[1]	**Sun Enterprise:** T2000 (sysfw 6.7.11 or later required), T5120, T5140, T5240, T5440 **SPARC Enterprise:** M3000, M4000, M5000, M8000, M9000 **SPARC T-Series:** T3-1, T3-1B, T3-2, T3-4, T4-1, T4-1B, T4-2, T4-4 **Sun Netra:** T5220, T5440, T3-1, T3-1BA, T4-1, T4-1B, T4-2 **SPARC:** T5-1B, T5-2, T5-4, T5-8, M5-32, M6-32, T7-1, T7-2, T7-4, M7-8, M7-16, S7-2, S7-2L, T8-1, T8-2, T8-4, M8-8 **Fujitsu:** M10-1, M10-4, M10-4S, M12-1 , M12-2, M12-2S
Oracle Solaris Operating system	Oracle Solaris 11, 11.1, 11.2, 11.3, 11.4[8]
Oracle Solaris Cluster Software[4,5,6,7]	OSC 4.0, 4.1, 4.2, 4.3, 4.4
Maximum Number Of Nodes	6
Multi-Path Driver Oracle Solaris	Oracle SAN driver bundled in OS for Oracle Solaris 11 releases
Multi-Path Driver EMC Option	EMC PowerPath 5.5 P06, 6.0-6.0 P02

Host Adapters	SG-XPCI1FC-EM2, SG-XPCI2FC-EM2, SG-XPCI1FC-EM4-Z, SG-XPCI2FC-EM4-Z SG-XPCI1FC-QL2, SG-XPCI1FC-QF2, SG-XPCI2FC-QF2, SG-XPCI2FC-QF2-Z, SG-XPCI1FC-QF4, SG-XPCI2FC-QF4 SG-XPCIE1FC-EM4, SG-XPCIE2FC-EM4, SG-XPCIE1FC-QF4, SG-XPCIE2FC-QF4 SG-XPCIE2FC-EB4-Z, SG-XPCIE2FC-EB4-N, SG-XPCIE2FC-QB4-Z SG-XPCIE1FC-QF8-Z, SG-XPCIE1FC-EM8-Z, SG-XPCIE2FC-QF8-Z, SG-XPCIE2FC-EM8-Z SG-XPCIE1FC-QF8-N, SG-XPCI1EFC-EM8-N, SG-XPCIE2FC-QF8-N, SG-XPCIE2FC-EM8-N SG-XPCIEFCGBE-Q8-Z, SG-XPCIEFCGBE-Q8-N, SG-XPCIEFCGBE-E8-Z, SG-XPCIEFCGBE-E8-N 16 Gb HBAs[8]: 7101674, 7101682, 7101684, 7101690 "Native" HBAs supported[3]: Qlogic, Emulex
SAN Switches	Unless an exception is explicitly called out, any FC SAN switch can be used with Solaris Cluster. For supported switches, please refer to EMC's interoperability matrix at https://elabnavigator.emc.com/ You may also refer to http://www.oracle.com/us/products/servers-storage/storage/storage-networking/index.htm for Oracle supported switches.
X86 (64 bit)	
Oracle Servers[1] X86	**Oracle Server:** X6-2, X6-2L, X7-2, X7-2L, X7-8, X8-2, X8-2L, X8-8, X9-2, X9-2L **Sun Fire:** x4170M2, x4270M2, x4470, x4470M2, x4800, x4800M2, X3-2, X3-2L, X4-2, X4-2L, X4-4, X4-8, X5-2, X5-2L, X5-4 **Sun Blade:** x6270M2, X4-2B **Sun Netra:** x4250, x6270M2, X3-2, X5-2
Oracle Solaris Operating system	Oracle Solaris 11, 11.1, 11.2, 11.3, 11.4
Oracle Solaris Cluster Software[4,5,6,7]	OSC 4.0, 4.1, 4.2, 4.3, 4.4
Maximum Number Of Nodes	4
Multi-Path Driver Oracle Solaris	Oracle SAN driver bundled in OS for Oracle Solaris 11 releases
Multi-Path Driver EMC Option	EMC PowerPath 5.5 P06, 6.0-6.0 P02

Host Adapters	SG-XPCIE1FC-EM8-Z, SG-XPCIE1FC-QF8-Z, SG-XPCIE1FC-EM8-N, SG-XPCIE1FC-QF8-N SG-XPCIE2FC-EM8-Z, SG-XPCIE2FC-QF8-Z, SG-XPCIE2FC-EM8-N, SG-XPCIE2FC-QF8-N SG-XPCI2FC-EM4, SG-XPCI2FC-EM4-Z, SG-XPCI2FC-QF4 SG-XPCIE2FC-EM4, SG-XPCIE2FC-QF4 SG-XPCIEFCGBE-E8-Z, SG-XPCIEFCGBE-Q8-Z 16 Gb HBAs: 7101674, 7101682, 7101684, 7101690 "Native" HBAs supported[3]: Qlogic, Emulex
SAN Switches	Unless an exception is explicitly called out, any FC SAN switch can be used with Solaris Cluster. For supported switches, please refer to EMC's interoperability matrix at https://elabnavigator.emc.com/ You may also refer to http://www.oracle.com/us/products/servers-storage/storage/storage-networking/index.htm for Oracle supported switches.

1. Go to My Oracle Support (MOS) or   http://myoraclesupport.com
  For minimum supported Oracle Solaris operating environment versions, HBAs, patches and other supported options for list servers.
 This matrix is intended to be a high level overview of support. It is not a configuration guide.

2. Please refer to EMC's interoperability matrix at   https://elabnavigator.emc.com/
for specific configurations, min microcode versions, Volume Manager support, notes and any restrictions.

3. "Native" HBAs supported by Oracle Solaris: Non-Sun HBAs require that Sun drivers be utilized.
See partner handbook for more info (a support account is required), if needed: https://support.oracle.com/handbook_partner/index.html

4. QFS 5.3 supported.

5. EMC supports ZFS in an Oracle Solaris Cluster environment.

6. Before you use the create subcommand, ensure that the /etc/netmasks file has IP-address subnet and netmask entries for all logical hostnames. If necessary, edit the /etc/netmasks file to add any missing entries.

7. 16 Gb HBAs are supported in specific OSC and Solaris releases with a very specific set of servers. Please consult MOS for details.
Helpful link: http://www.oracle.com/technetwork/documentation/oracle-storage-networking-190061.html

8.Some legacy SPARC servers do not support Oracle Solaris 11.4 See the following link for details.
https://www.oracle.com/technetwork/systems/end-of-notices/eonsolaris11-392732.html#11.4

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

Oracle is committed to developing practices and products that help protect the environment