

ProLiant Parallel Database Cluster for Red Hat Linux Sample Configuration

2 DL580, EVA5000

- 2 X DL580 G2 each w/ 2 2.0 GHz CPUs & 4 GB Memory
- Dual path GigE interconnect
- Dual path FC configuration
- 1 X EVA5000 with 84 X 36.4 GB Drives, external FC switches

This document specifies the basic building blocks necessary for implementing a Parallel Database Cluster solution for Oracle RAC. This list is not intended to be a comprehensive proposal. It is simply an example of the basic server and storage components required. Contact an authorized reseller for a more detailed proposal.

Detailed Bill Of Materials (BOM)

Quantity	Part Number	Description
Servers: DL580G2		
2	202176-001	ProLiant DL580R02 x2.0-2MB, 2048 MB (2P)
2	202171-B21	2048MB PC1600 Registered ECC SDRAM Memory Kit (4 x 512MB)
8	286713-B22	36.4 GB 10,000 rpm U320 Universal Hard Drive (1")
2	401782-002	3 Years, 7X24, 4hr Response (System)
StorageWorks EVA5000		
84	238590-B23	36.4 GB 10,000 rpm 2 Gb FC-AL Hard Drive (1")
1	283198-B23	Enterprise 2C6D-C
1	250203-B27	VCS Media Kit V3.0b Dual HSV 110 Controller software
1	189715-003	Storage Management Appliance III
2	221691-B22	LC-SC 5 Meter Fibre Channel cables (for the Storage Management Appliance)
1	263474-B22	IP CT5 cable 6FT 8PK All (Connections: between RILOE and Appliance and from Switch to Server)
1	258158-888	Configure to Order (CTO)
Storage Interconnect		
2	322120-B21	StorageWorks SAN Switch 2/8-EL

Quantity	Part Number	Description
4	281541-B21	Fibre Channel Host Adapter Kit PCI (FCA2214)
1		Enterprise OS Solution Kit Linux v3.0 - downloadable
4	221692-B22	5 Meter FC LC-LC Multi-Mode cable
Cluster Interconnect		
2	J4898A	hp Procurve 2708 Gigabit Ethernet Switch
6	244948-B21	NC7770 PCI-X gigE Adapters
Rack Parts		
1	245163-B21	Compaq Rack Model 10622 (22U height)
1	252663-D71	Power Distribution Unit - Low Voltage 24A
Software Components		
1	308225-B22	PDC for Linux Cluster Kit
2	282412-B22	Secure Path v3.0A for Linux
2	Red Hat Linux	Red Hat Linux Enterprise Linux 2.1 AS Software and Licenses Temporary licensed version of Red Hat Linux Enterprise Linux AS Release 2.1 pre-installed and configured for the Real Application Cluster environment based on customized settings supplied by the end user. Customers are advised to purchase a license within the 30 days, either from your hp/Red Hat reseller, Red Hat or hp.
	Oracle Software	Oracle9i Real application Cluster Release 9.2 Software and Licenses Pre installed Oracle9i Real Application Cluster software, test database and a 30-day software license. Customers are advised to purchase a license within the 30 days, either from your Oracle reseller, or Oracle. The software itself is not affected by the subsequent purchase of the license- that is, no re-installation or changes are necessary to the cluster. However, the software license is required to access support for Oracle software
Services		
1	EVA Service	For EVA service please contact HP (800-444-7575)
1	H9147A	Oracle 9i RAC Express Service