

ProLiant Parallel Database Cluster for Red Hat Linux Sample Configuration

- 2 X DL380 G3 each w/ 2 x 2.8GHz CPUs & 2.5 GB Memory
- Dual path GigE interconnect (single path LAN)
- 1 X MSA1000 with 14 X 36.4 GB Drives
- Dual path FC configuration, integrated FC switch

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: ProLiant DL380 G3 | | |
| 2 | 349201-001 | DL380R03 P2800-512KB 1024MB |
| 2 | 257915-B21 | Intel XEON 2.8GHz Proc Option Kit |
| 2 | 300679-B21 | 1024MB PC2100 Registered SDRAM Kit 2x1 |
| 2 | 313054-001 | Hot Plug Redundant Power Supply Module IEC cord |
| 2 | 293048-B21 | Hot Plug Redundant Fan option Kit |
| 8 | 286713-B22 | 36.4 GB 10.000 rpm U320 Universal Hard Drive (1") |
| 2 | 162657-002 | 4-Hour On-site Service, 24-Hour x 7-Day Coverage, 3 Years (US) |
| StorageWorks MSA1000 | | |
| 14 | 286776-B22 | 36.4GB Ultra320 15,000 rpm Drive (1") |
| 1 | 201723-B22 | Modular Smart Array 1000 |
| 1 | 218231-B22 | MSA1000 Controller (redundant) with 256 MB Cache |
| 2 | 254786-B22 | 256 MB Cache module upgrade for controller |
| 1 | 402164-002 | 3 Years, 7X24, 4hr Response (Raid Array 4x00, MSA1000, SMART Cluster) |
| Storage Interconnect | | |
| 2 | 288247-B21 | MSA SAN Switch 2/8 (integrated) ships with 4 SFPs installed |

| Quantity | Part Number | Description |
|----------------------|-----------------|---|
| 6 | 221470-B21 | 2 Gb SFP SW Transceiver Kit |
| 4 | 281541-B21 | Fibre Channel Host Adapter Kit PCI (FCA2214) |
| 4 | 221692-B22 | 5 Meter FC LC-LC Multi-Mode cable |
| Cluster Interconnect | | |
| 1 | J4898A | hp Procurve 2708 Gigabit Ethernet Switch |
| 2 | Non-hp part | Ethernet Cables (Connection from Switch to Server) |
| 2 | 244948-B21 | NC7770 PCI-X gigE Adapters |
| Software Components | | |
| 1 | 308225-B22 | PDC for Linux Cluster Kit |
| 2 | 291536-B22 | Secure Path v3.0A for Linux Workgroup Edition |
| 2 | 339852-002 | Red Hat Enterprise Linux AS 2.1 - 1 year subscription - Premium |
| | Oracle Software | Oracle9i Real application Cluster Release 9.2 Software and Licenses |