

HP Parallel Database Cluster for Linux Sample Configuration

- HP BladeSystem
- 4 x BL20p 2 processor Xeon Blade Servers
- MSA1500 Storage Array
- Fully redundant IO paths

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

Detailed Bill Of Materials (BOM)

Blade System		
Quantity	Part Number	Description
4	347956-B21	ProLiant BL20p G3 X3.2-1MB, 2GB (2P) with FC Adapter
4	343056-B21	2GB of Advanced PC2 PC3200 Memory Kit (2 x 1024 MB
8	286776-B22	36.4GB Ultra320 15,000 rpm Drive (1")
1	281404-B22	ProLiant BL p-Class Server Enclosure Enhanced W/RDP
1	306465-B21	BL p-class RJ-45 Patch Panel W/Fibre Pass Through
1	378284-B21	1U Power Enclosure with six power supplies
MSA1500 Storage		
Quantity	Part Number	Description
1	AA986A	MSA1500 controller shelf
2	254786-B21	HP 256MB Battery-Backed Cache Module
1	AA987A	MSA 1500 Fibre Channel I/O Module
1	AA988A	MSA 1500 Dual Channel SCSI I/O Module
10	221470-B21	2 Gb SFP SW Transceiver Kit
2	AA979A	HP StorageWorks SAN Switch 2/8V
14	286776-B22	36.4GB Ultra320 15,000 rpm Drive (1")
10	221692-B22	5 meter LC-LC Cable
Software		
Quantity	Part Number	Description
4	365990-002	RedHat Enterprise Linux AS 3 3yr unlimited incidents 24x7

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1	308225-B23	PDC for Linux RAC Cluster Kit
4	T3581A	Secure Path V3.0 for Linux Workgroup Edition
	Non-HP	Oracle 9i RAC Software and licenses
Cluster Interconnect		
Quantity	Part Number	Description
1	263474-B23	CAT5 cables 12FT (8 per pack)
1	J4817A	ProCurve Switch 2312
Services		
Quantity	Part Number	Description
1	HA533AE	HP Start-up for PDC RAC
1	UA205A	24x7, 4-Hour Response On-Site Coverage - 3 Years
1	U6357E	24x7 4 hour response 3 year