Data drives decisions, decisions drive business

Structured data growth is exponential

Costs are increasing faster than ROI

Need for speed is insatiable

Scaling approaches are complex and costly

Deciding how to keep up with competition and regulation can drive you crazy
A fresh approach

HP BladeSystem for Oracle Optimized Warehouse

Pre-configured
Pre-installed
Tested
Tuned
Validated performance
Simplified ordering
A better approach

Custom Component Configuration

Reference Configuration

HP BladeSystem for Oracle Optimized Warehouse

Faster Deployment Lower Risk

Ready-to-Run < 1 Week

Weeks to Months

Testing and Validation

Installation and Configuration

Acquisition of Components

Pre-Implementation System Sizing
HP BladeSystem for Oracle Optimized Warehouse

HP BladeSystem c-Class

Industry-leading I/O and power efficiency
HP BladeSystem c7000 enclosure

- 10U
- 16 slots

- 5 terabits per second bandwidth
- Resources pooled and shared
- Unified management for all components
HP BladeSystem c7000 enclosure

Redundant, flexible management and interconnect options

Unified, managed power

HP Thermal Logic
fewer watts
fewer btus
fewer dbs
Architectural View

Oracle Database Enterprise Edition

Compute node
HP ProLiant BL460c
2 x Intel Xeon (DC)
16GB RAM
2 x 72GB SFF SAS HDD
2 x Infiniband HCA
Red Hat Ent Linux 5

Images not to scale
Architectural View

Compute node
HP ProLiant BL460c
2 x Intel Xeon (DC)
16GB RAM
2 x 72GB SFF SAS HDD
2 x Infiniband HCA
Red Hat Ent Linux 5

Storage node
HP ProLiant BL465c
1 x AMD Opteron
2GB RAM
2 x 146GB SFF SAS HDD
2 x Infiniband HCA
Red Hat Ent Linux 5
HP StorageWorks SB40c
6 x 146GB SFF SAS HDD

Images not to scale
Architectural View

**Compute node**
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- Red Hat Ent Linux 5
- HP StorageWorks SB40c
- 6 x 146GB SFF SAS HDD

**Ethernet**
HP Virtual Connect
- 2 x 1/10Gb-F Ethernet Module

**InfiniBand**
- 2 x HP 4X DDR Switch Module
A modular approach
A modular approach
Industry-leading performance

I/O Nominal: 1.7GB/sec

1TB, 2TB, 3TB, 4TB

HP performance data based on Oracle Orion test kit
And efficiently, too

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250% better I/O
68% less power per MB
Simple to order, simple to deploy

• Single part number makes for worry-free ordering

• Available through select HP and Oracle-authorized resellers

• Arrives at your location pre-configured, pre-installed, tested and tuned

• Ready to receive data in a matter of hours
It’s an easy decision

HP BladeSystem for Oracle Optimized Warehouse

• Performance
  – validated 250 percent better than other 1 to 4 TB Oracle Optimized Warehouse variants

• Efficiency
  – 68 percent fewer watts per MB of I/O

• Simplicity
  – pre-configured, pre-installed, tested and tuned
  – Single part number ordering
Technology for better business outcomes