

## HP HSG80 Datacenter Cluster Certification for Service Pack 3

**March 27, 2003**

### **Introduction:**

The HSG80 has successfully completed Microsoft Datacenter SP3 Cluster certification testing and HSG80 configurations are currently posted on the Microsoft Hardware Compatibility List website

HP is now fully authorized to sell HSG80 Datacenter SP3 2-Node and 4-Node Clusters, and Multi-Cluster configurations for ProLiant 8500 and DL760 Servers.

Microsoft HCL website link:

<http://www.microsoft.com/hwdq/hcl/search.asp>

- Search for "HSG80" and
- Select "Cluster/DataCenter – 4 Node" from the "In" pull-down menu
- Select "Cluster/DataCenter – 2 Node" from the "In" pull-down menu
- Click on "Search Now"

This memo details the HSG80 Datacenter SP3 Cluster Configurations and provides contact information for the Datacenter support process.

### **HP HSG80 Microsoft Datacenter 1-Node Server Certification Complete:**

HP HSG80 Datacenter SP3 1-Node Server certification testing is complete and this configuration is listed on the Microsoft HCL website.

We are fully authorized to sell HSG80 Datacenter Server single-node configurations for ProLiant 8500 and DL760 Servers.

### **HP HSG80 Microsoft Datacenter 2-Node & 4-Node Cluster Certification Complete:**

The HSG80 has successfully completed MS Datacenter SP3 cluster certification testing using the following software and hardware and the configurations are listed on the MS HCL Website.

All components are available today, and HP is fully authorized to sell HSG80 Datacenter SP3 Cluster configurations as follows:

- 2-node and 4-node ProLiant DL760 clusters,
- 2-node and 4-node ProLiant 8500 clusters, or in
- 2-node or 4-node mixed cluster of ProLiant DL760 and 8500 servers

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Windows 2000 Datacenter Server	Service Pack 3
Datacenter Baseline	2.03a
J87 HSG80 Datacenter SP3 Platform Kit for ACS 8.7	QB-6LPAA-SB/221133-B23 <a href="http://sigwrks.shr.cpqcorp.net/platformkit/J87_Datacenter">\\sigwrks.shr.cpqcorp.net\platformkit\J87_Datacenter</a> - downloads authorized for customers with valid support contracts.
HP KGPSA-CB HBA (LP8000)	176479-B21 driver 5-4.81a9, firmware 3.82a1-1.60a5
Secure Path for Windows	version 4.0
HP HSG80	ACS 8.7 Firmware raidisk.sys version 3.6.2.465
HP ProLiant 8500 & DL760 Servers	ProLiant 8500 2-node / 4-node clusters, ProLiant DL760 2-node / 4-node clusters, or ProLiant 8500 & DL760 mixed 2-node / 4-node clusters
ProLiant DL760	P46 10/08/01 Bios, 900MHz/2MB
ProLiant 8500	P42 10/19/01 Bios, 700MHz/2MB
HP StorageWorks SAN 2Gbit Switches	2/16EL and 2/16 firmware version 2.60

Refer to "**Appendix A: HSG80 Datacenter Cluster Ordering and Configuration Information**" for additional details.

### **HP HSG80 Microsoft MSCS Multi-Cluster Device Certification Complete:**

HSG80 MSCS Multi-Cluster Device certification is complete and listed on the Microsoft Hardware Compatibility List website. No incremental testing is required to support the HSG80 in Datacenter multi-cluster configurations.

Microsoft HCL website link:

<http://www.microsoft.com/hwdq/hcl/search.asp>

- Search for "HSG80" and
- Select "Cluster/Multi-Cluster Device" from the "In" pull-down menu
- Click on "Search Now"

HP is fully authorized to sell HSG80 Multi-Cluster Datacenter configurations.

## HP HSG80 Datacenter Cluster Certification for Service Pack 3

### **HSG80 Support Process Contact Information:**

For HSG80 support questions please contact your local/regional HSG80 support organization. For support contact details please contact:

Topher Hagemeyer  
Support Services Manager  
Network & Storage Support Services Org.  
1-404-648-7734  
[topher.hagemeyer@hp.com](mailto:topher.hagemeyer@hp.com)

### **World-Wide Datacenter Support Process Contact Information:**

For World-Wide Datacenter support questions please contact your local/regional Datacenter Technical Account Manager. For Datacenter TAM contact details please contact:

Mark Haynes  
Manager - Customer Services  
Global Services Division  
1-719-592-4457  
[mark.haynes@hp.com](mailto:mark.haynes@hp.com)

### **HSG80 Datacenter Platform Kit and Cluster Certification Information:**

For questions concerning HSG80 Datacenter Platform Kits, clustering, and NSS Microsoft certification status and roadmaps please contact:

Ralph Lobato  
High Availability Solutions Manager  
Storage Business Solutions  
1-208-396-2171  
[ralph.lobato@hp.com](mailto:ralph.lobato@hp.com)

## HP HSG80 Datacenter Cluster Certification for Service Pack 3

### Appendix A: HSG80 Datacenter Cluster Ordering and Configuration Information

This appendix details the required components to build and configuration a single 4-Node ProLiant DL760 Cluster with an HSG80 array.

For Network Storage Solutions information, see:

[http://storage.inet.cpqcorp.net/application/view/menu\\_products.asp](http://storage.inet.cpqcorp.net/application/view/menu_products.asp)

For additional information about the Microsoft Datacenter certification process see:

<http://certlab.americas.cpqcorp.net/Datacenter.asp>

For Datacenter Program configuration details and information, see:

<http://issg.inet.cpqcorp.net/inline/workgroup/Datacenter/>

For Datacenter configuration questions and assistance send an email request to:

[Datacenter@hp.com](mailto:Datacenter@hp.com)

### Sample HSG80 / ProLiant DL760 Datacenter 4-node Cluster Certified Configuration

#### ProLiant DL760

QTY Per 4-Node Config.	DESCRIPTION	PART NO.
4	ProLiant DL760 X900 4P 2M	212692-001
4	Windows 2000 Datacenter Server Edition 8P OS Kit	260162-B21
16	18.2-GB Pluggable Wide-Ultra SCSI-3 10K Drive (1")	128417-B21
1	Compaq NC3134 Fast Ethernet 64 Bit/66MHz Dual Port 10/100 PCI NIC	138603-B21
4	Remote Insight Board Lights-Out Edition	157866-001
8	64 Bit PCI to Fibre Channel (Win2k) Host Bus Adapter for ProLiant Servers (2Gbit HP FCA-2101 HBA: driver 5-4.81a9; firmware 3.82a1-1.60a5)	245299-B21
1	Compaq ProLiant Cluster F500 (HA/F500) Enhanced Kit	379937-B24
1	Windows 2000 Data Center Installation and Startup Service – 4 Node	224739-002
4	Windows 2000 Data Center Subscription Service - 1yr	224740-002

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### Proliant DL760 Options

QTY Per 4-Node Config.	DESCRIPTION	PART NO.
4	PIII X900-2MB Processor Option Kit	177666-B21
4	2048 MB SDRAM DIMM Memory Expansion Kit	328809-B21
4	NC3134 64 PCI Dual 10/100 All option kit	138603-B21

### Proliant 8500 Support Option

QTY Per 4-Node Config	DESCRIPTION	PART NO.
1	7X24 2hr Data Center Support Plan for PL8500 – 4 Node Cluster - 1yr	224373-002

### HP StorageWorks Configuration

QTY Per 4-Node Config.	DESCRIPTION	PART NO.
1	Virtual Controller Software Package v2.0 for Dual HSV Controllers	250203-B23
1	Windows 2000 Datacenter Platform Kit for Enterprise Virtual Array v2.0	QB-6RPAM-SA
2	HP StorageWorks SAN Switch 2/8EL <sup>1</sup>	258707-B21
2	HP StorageWorks SAN Switch 2/16EL <sup>1</sup>	283056-B21
2	HP StorageWorks SAN Switch 2/16 <sup>1</sup>	287055-B21
4	Secure Path for Windows upgrade kit version 3.1A to version 4.0 <sup>2</sup>	QB-669AD-MB
4	Secure Path for Windows version 4.0 (new product order) <sup>2</sup>	QB-669AD-SG

<sup>1</sup> 2 switches required.

<sup>2</sup> 4 Secure Path version 4.0 licenses required.

### HP StorageWorks SAN Switch Options

QTY Per 4-Node Config.	DESCRIPTION	PART NO.
2	HP StorageWorks SAN Switch 2/8EL to 2/16 Upgrade Kit	288162-B21
2	HP StorageWorks SAN Switch 2/16EL to 2/16 Upgrade Kit	288250-B21
2	Trunking	262872-B21
2	Advanced Performance Monitor	262870-B21

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2	Fabric Watch for 2/16	262864-B21
2	Performance Package (all three above)	262874-B21
2	QuickLoop	262866-B21
2	Extended Fabric	262868-B21
2	Zbun for StorageWorks SAN Switch 2/8EL	289217-001
2	Zbun for StorageWorks SAN Switch 2/16	268642-B21
2	3YR 24X7/4HR,FC/SAN Switch 16P, service	161308-002
2	Basic Install, FC/SAN Switch 16P, service	161324-002