COMPAQ
Integration Notes

Contents

Support of Microsoft Whistler Beta 2 on Compaq Servers

Abstract: Compaq wants to facilitate customers who want to test the pre-release versions of the new Microsoft Windows operating system (Microsoft® Windows® Codename "Whistler") on Compaq server products. Compaq began providing support for non-production deployments of the pre-release kits, beginning with the Whistler Beta 1 release.

This document describes the level of support available for Whistler Beta 2 including:

- Supported configurations of Compaq ProLiant server products

- Recommended system requirements and server platforms

- Supported software, storage options and network adapters

- Installation procedures and possible issues in moving to Whistler Beta 2

- Support limitations for Whistler Beta 2 and known issues with workarounds

This document describes the level of support available for Whistler Server and Whistler Advanced Server Editions of the Whistler Server Family. This document does not describe support for Whistler Datacenter Server or Whistler Advanced Server for Intel Itanium 64-bit systems.

Compaq continues to test its server products with the Whistler Beta 2 release. At the time of publication, this document was complete and accurate to the best of our knowledge.

In addition to this Compaq integration note and for current information regarding the Whistler Beta 2 release, you might also visit the Compaq support page for Whistler at, http://www5.compaq.com/partners/microsoft/whistler/index.html and the Microsoft website: http://www.microsoft.com/.

Help us improve our technical communication. Let us know what you think about the technical information in this document. Your feedback is valuable and will help us structure future communications. Please send your comments to: OSIntegrationFeedback@Compaq.com

Notice

Introduction to Whistler Beta 2 Release

The Whistler version does not represent a radical architectural departure from Microsoft Windows 2000. Rather, Whistler is an extension of the Windows 2000 operating system environment developed to enhance the customer experience and improve the overall usability and deployment. Code developed for use under Windows 2000 should work with Whistler with few exceptions.

In addition to providing enhanced functionality, Whistler is the version of Windows operating system that unifies Microsoft's operating system code base and provides a common code base for all of their OS versions from the desktop to the data center. Additionally, Microsoft is providing Whistler in both 32-bit and 64-bit editions. The 64-bit edition will support the upcoming Intel Itanium processors. However, this document will deal only with the 32-bit editions of Whistler Server and Whistler Advanced Server with Compaq servers based on the IA-32 architecture.

Supported Configurations

Whistler Beta 2 should load and run with virtually any Compaq product that meets the recommended hardware requirements established by Microsoft. However, it is not possible for all hardware and software configurations to be tested by Compaq during the early beta phase. The listing of a particular system or option in the tables that follow does not mean that all of the subsystems embedded in that system are fully tested, or that all systems and options have undergone extensive functional testing.

Carefully review this document for the recommended requirements and possible issues you might encounter. This will make the best use of your resources and testing scenarios. Do not use this document as your sole source of information. In addition to Compaq websites mentioned, you might also want to visit the Compaq support page for Microsoft Whistler Beta 2 at, http://www5.compaq.com/partners/microsoft/whistler/index.html and the Microsoft website at, http://www.microsoft.com/.

Recommended System Requirements

Table 1 lists the recommended system requirements established by Microsoft for Whistler Beta 2. These requirements may change as the final release becomes imminent.

Table 1. Recommended system requirements for Whistler Beta 2

Parameter	Server Edition	Advanced Server Edition
Processor	300 MHz Pentium II	300 MHz Pentium II
RAM	128 MB (Minimum requirement)	256 MB
Monitor	VGA or higher resolution	VGA or higher resolution
Available Disk Space	4 GB	4 GB

Note: Available disk space refers to free disk space on the partition to contain the system files (additional space is required if you copy the Whistler Beta 2 CD contents to the hard disk during installation).

IMPORTANT: Compaq has not tested and therefore does not support use of the Windows XP client operating system on Compaq Server platforms.

Server Platforms

Table 2 lists Compaq servers, ROM family, latest ROM version and ROM date Compaq will support running Whistler Beta 2. For your convenience, the latest available ROMPaq versions are listed. Refer to the following documents available on the Compaq website to assist in determining the ROM version and family of your Compaq server products.

Determining System ROM family code and version

http://www.compaq.com/support/files/server/us/romhowto.html

Server Software Download Center

http://www.compaq.com/support/files/server/us/index.html

Supported platforms

Table 2. Supported system platforms for Whistler Beta 2

Server Platform	ROM Family	Latest ROM Version	ROM Date
ProLiant CL1850	P07	4.13A	11/08/00
ProLiant CL380	P17	4.05A	11/08/00
ProLiant DL320	D05	4.01A	11/06/01
	F05	4.01A	11/06/01
ProLiant DL360	P21	4.05A	01/11/01
ProLiant DL380	P17	4.06A	11/08/00
ProLiant DL580	P20	4.04A	01/21/01
[1] ProLiant ML330	D03	4.04A	11/13/00
	F03	4.04A	11/13/00
[1] ProLiant ML350	D02	4.06A	11/13/00
	D04	4.06A	11/13/00
	F02	4.06A	11/13/00
ProLiant ML370	P17	4.07A	11/08/00
ProLiant ML530	P19	4.06A	11/08/00
ProLiant ML570	P20	4.04A	01/21/01
Prosignia Server 720	D01	4.04A	12/02/99
	F01	4.04A	12/02/99
Prosignia Server 740	S01	4.09A	11/08/00
ProLiant 400	D01	4.04A	12/02/99
	F01	4.04A	12/02/99

continued

Table 2. Supported system platforms for Whistler Beta 2 *(continued)*

Server Platform	ROM Family	Latest ROM Version	ROM Date
ProLiant 800	P14	4.13A	11/08/00
	P18	4.14A	11/08/00
	P02	4.08A	04/19/00
ProLiant 1200	E34	4.08A	04/19/00
ProLiant 1600	E34	4.08A	04/19/00
	P08	4.14A	11/08/00
ProLiant 1850R	P07	4.13A	11/08/00
ProLiant 3000	P09	4.13A	11/08/00
	E39	4.08A	04/19/00
ProLiant 5500 Xeon	P12	4.13A	11/08/00
	E39	4.08A	04/19/00
ProLiant 6000 Xeon	P40	4.08A	12/27/99
	P43	4.08A	12/27/99
ProLiant 6400R	P11	4.14A	11/08/00
ProLiant 6500 Xeon	P11	4.14A	11/08/00
ProLiant 7000 Xeon	P40	4.08A	12/27/99
	P43	4.08A	12/27/99
ProLiant 8000	P41	4.04A	02/16/01
ProLiant 8500	P42	4.04A	02/16/01

1. Refer to Support limitations for Whistler Beta 2 installed on Compaq servers, "*Compaq ML330 and ML350 servers appear frozen during operating system installation"* on page 12 of this document.

Supported Software

Table 3 lists supported Compaq utilities, and their minimum version necessary for Whistler Beta 2 release.

Table 3. Supported Compaq utilities for Whistler Beta 2

Utility	Version	Location
[1] Compaq Support Paq for Microsoft Windows 2000	5.08A	http://www5.compaq.com/support/files/server/us/download/9679.html
Compaq Array Configuration Utility for Windows 2000	2.60.65.0	http://www.compaq.com/support/files/server/us/download/9707.html
Compaq Management Agents		http://www.compaq.com/support/files/server/us/locate/20_1121.html
Compaq Foundation Agents for Microsoft Windows 2000	5.00	http://www.compaq.com/support/files/server/us/download/9681.html
Compaq NIC Agents for Microsoft Windows 2000	5.00	http://www.compaq.com/support/files/server/us/download/9750.html
Compaq Server Agents for Microsoft Windows 2000	5.00	http://www.compaq.com/support/files/server/us/download/9748.html

continued

Table 3. Supported Compaq utilities for Whistler Beta 2 *(continued)*

Utility	Version	Location
Compaq Storage Agents for Microsoft Windows 2000	5.00	http://www.compaq.com/support/files/server/us/download/9749.html
Compaq System Configuration Utility	2.54A	http://www.compaq.com/support/files/server/us/download/9850.html
Compaq Insight Manager XE	2.1	http://www.compaq.com/support/files/server/us/download/9225.html
Compaq Insight Manager	4.90	http://www.compaq.com/support/files/server/us/download/9669.html

Note 1: Some elements of the Compaq Support Paq for Microsoft Windows 2000 are superceded by the complimentary components on the Whistler Beta 2 media, or are otherwise supported for use with Whistler Beta 2. For more information, refer to the" Limitations of the Supported Software" section.

Supported Storage Options

Table 4 lists supported Compaq storage options and minimum driver revisions needed to interface with Whistler Beta 2.

Table 4. Supported Compaq storage options for Whistler Beta 2

Option	Driver	Location
Compaq 4.3 - 36-GB Hard Disk Drives	N/A	No driver required
Compaq 4/8-GB SLR Tape Drive	*TANDQIC.SYS*	Included on Whistler Beta 2 CD
Compaq 4x-32x CD-ROM Drives		Included on Whistler Beta 2 CD
Compaq DDS2 4/16-GB Autoloader		Included on Whistler Beta 2 CD
Compaq DDS3 12/24-GB DAT Autoloader		Included on Whistler Beta 2 CD
Compaq DAT Tape Drives		Included on Whistler Beta 2 CD
Compaq DLT Autoloader M35/70		Included on Whistler Beta 2 CD
Compaq DLT Library 7000		Included on Whistler Beta 2 CD
Compaq DLT Tape Array		Included on Whistler Beta 2 CD
Compaq Drive Array Notification	*CPQDAEN.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Smart Array 5300 Controller	*CPQCISSM.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Smart Array 5300 Notification Driver	*CPQCISSE.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Fibre Channel Host Controller /P (32bit/33MHz Fibre Channel Host Adapter)	*CPQFCALM.SYS*	Included on Whistler Beta 2 CD.
Compaq Fibre Channel Host Controller /P (64-bit/66-MHz Fibre Channel Host Adapter)	*CPQFCALM.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Fibre Channel Filter Driver	*CPQFCFTR.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Fibre Channel Array	*CPQFCAC.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Smart Array 431, 4200, Smart Array 4250ES, and Integrated Smart Array Controllers	*CPQARRY2.SYS*	Included on Whistler Beta 2 CD

continued

Table 4. Supported Compaq storage options for Whistler Beta 2 *(continued)*

Option	Driver	Location
Compaq SMART, SMART-2 family, Smart Array 221, Smart Array 3100ES Smart Array 3200 Controllers	*CPQARRAY.SYS*	Included on Whistler Beta 2 CD
Compaq Drive Array Notification	*CPQDAEN.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq Integrated Dual Channel Wide Ultra2 SCSI Adapter	*SYM_HI.SYS*	Included on Whistler Beta 2 CD
Compaq Integrated Wide Ultra2 SCSI Adapter	*SYM_HI.SYS*	Included on Whistler Beta 2 CD
Compaq Integrated Ultra2 SCSI Adapter	*SYMC8XX.SYS*	Included on Whistler Beta 2 CD
Compaq 64-Bit Dual Channel Wide Ultra2 SCSI Adapter	*SYM_HI.SYS*	Included on Whistler Beta 2 CD
Compaq Dual Channel Wide-Ultra SCSI-3 Controller	*SYMC8XX.SYS*	Included on Whistler Beta 2 CD
Compaq 32-bit Fast-Wide SCSI Controller /P	*SYMC8XX.SYS*	Included on Whistler Beta 2 CD
Compaq 32-bit Ultra SCSI Controller /P	*SYMC8XX.SYS*	Included on Whistler Beta 2 CD
Compaq 64-bit/66MHz Dual Channel Wide Ultra 3 SCSI Adapter	*ADPU160M.SYS*	Included on Whistler Beta 2 CD
Compaq 64-bit/66MHz Single Channel Wide Ultra 3 SCSI Adapter	*ADPU160M.SYS*	Included on Whistler Beta 2 CD
Compaq ProLiant Storage System	*PRLNTSS.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq StorageWorks 64bit/33Mhz PCI to Fibre Channel HBA	*KGPSA-CB*	http://spdcpqdev.shr.dec.com:8030/products/storageworks/adapters/64bitpciFibre.html

Note 1: Many of these devices have firmware upgrades available through the Options ROMPaq. The latest version of the Options ROMPaq is available on the Compaq website at http://www.compaq.com/support/files/server/us/index.html.

Note 2: Many of the devices whose drivers are on the Whistler Beta 2 media have driver upgrades available from the Compaq Support Paq for Microsoft Windows 2000 version 5.08A. After installing Whistler Beta 2, those drivers should be updated to enhance their reliability and functionality.

Supported Network Interface Controllers

Table 5 lists supported Compaq network interface controllers and driver revisions for Whistler Beta 2.

Table 5. Supported Compaq network interface controllers for Whistler Beta 2

Compaq NIC	Driver	Location
Compaq 100 FDDI PCI DAS Fiber-SC Controller	*SKFPWIN.SYS*	Whistler Beta 2 CD
Compaq 100 FDDI PCI DAS UTP Controller	*SKFPWIN.SYS*	Whistler Beta 2 CD
Compaq 100 FDDI PCI SAS Fiber-SC Controller	*SKFPWIN.SYS*	Whistler Beta 2 CD
Compaq 100 FDDI PCI SAS Fiber-MIC Controller	*SKFPWIN.SYS*	Whistler Beta 2 CD
Compaq 100 FDDI PCI SAS UTP Controller	*SKFPWIN.SYS*	Whistler Beta 2 CD

continued

Table 5. Supported Compaq network interface controllers for Whistler Beta 2 *(continued)*

Compaq NIC	Driver	Location
Compaq NC3120 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3121 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3122 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3123 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3131 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3132 Fast Ethernet Upgrade Module	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3133 Fast Ethernet Upgrade Module	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC 3134 Fast Ethernet	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC 3135 Fast Ethernet Upgrade Module	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3160 Fast Ethernet (Embedded)	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3161 Fast Ethernet (Embedded)	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC3162 Fast Ethernet (Embedded)	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 v5.08A
Compaq NC3163 Fast Ethernet (Embedded)	*N100NT5.SYS*	Compaq Support Paq For Microsoft Windows 2000 V5.08A
Compaq NC4621 Token Ring NIC	*CPQTRND5.SYS*	Whistler Beta 2 CD
Compaq NC6132 Gigabit Module	*N1000NT5.SYS*	Whistler Beta 2 CD
Compaq NC6133 Gigabit Module	*N1000NT5.SYS*	Whistler Beta 2 CD
Compaq NC6134 Gigabit Module	*N1000NT5.SYS*	Whistler Beta 2 CD
IBM 16/4 TOKEN RING PCI SPECIAL	*IBMTRP.SYS*	Whistler Beta 2 CD
Netelligent 10/100 TX Embedded UTP	*NETFLX3.SYS*	Whistler Beta 2 CD
Netelligent 10/100 TX Embedded UTP/AUI	*NETFLX3.SYS*	Whistler Beta 2 CD
Netelligent 10/100 TX PCI Dual UTP	*NETFLX3.SYS*	Whistler Beta 2 CD
Netelligent 10/100 TX PCI UTP	*NETFLX3.SYS*	Whistler Beta 2 CD
Netelligent 16/4 PCI IBM UTP/STP Controller	*IBMTRP.SYS*	Whistler Beta 2 CD
Netelligent 10T PCI UTP Controller	*NETFLX3.SYS*	Whistler Beta 2 CD
NetFlex-3/P (see Note)	*NETFLX3.SYS*	Whistler Beta 2 CD
NetFlex-3 Embedded (see Note)	*NETFLX3.SYS*	Whistler Beta 2 CD

IMPORTANT: The drivers for the network interface controllers are on the Whistler Beta 2 CD and have undergone some preliminary testing by Microsoft and Compaq. However, only the embedded network adapters have undergone extensive functional testing.

Note: The Whistler Beta 2 CD includes *NETFLX3.SYS*. However, after installing Whistler Beta 2, update the driver to the version on the Compaq Support Paq for Microsoft Windows 2000 Version 5.08A to ensure the highest level of service and reliability.

ProLiant Cluster Support

The supported Compaq ProLiant cluster servers and solutions for Whistler Beta 2 are the ProLiant CL1850, ProLiant CL380, ProLiant HA/F100, and ProLiant HA/F500 Single Path configuration. The ProLiant HA/F200 and ProLiant HA/F500 Dual Path configuration are not supported for Whistler Beta 2. For more information on ProLiant Cluster support for Whistler Beta 2, visit the Compaq support page for Whistler at, http://www5.compaq.com/partners/microsoft/whistler/index.html and read the support paper *Support of Whistler Beta 2 on Compaq ProLiant Cluster Servers and Solutions*.

Remote Insight Lights-Out Edition Support

Remote Insight Lights-Out Edition is supported with Whistler Beta 2 including the following features:

- Virtual Graphical Remote Console
- Dedicated LAN Network Connectivity
- Virtual Power Button
- Virtual Floppy Drive
- Power Cycle (Reset)
- Auto-Configuration of IP Address via DNS/DHCP
- External Power Backup
- Reset and Failure Sequence Replay
- Compaq Insight Manager and Web-Enabled Agent Integration
- SmartStart Integration
- ROM-based Configuration Utility
- Integration with Compaq Survey
- Customizable Accounts
- Group Administration
- SSL Security
- Headless Server Deployment
- Alert Administration
- Integrated Management Log
- Remote Insight Event Log

For more information about Remote Insight Lights-Out Edition features, please review the Compaq QuickSpecs located at, http://www5.compaq.com/products/quickspecs/10452_ca/10452_ca.HTML

Compaq SmartStart Support Limited for Whistler Beta 2

Installing Whistler Beta 2 via SmartStart Assisted Path is not supported for pre-release versions of Whistler. Compaq SmartStart Assisted Path does not provide an option to install Whistler.

SmartStart can be used to perform a simple system configuration by using the SmartStart manual path and by selecting Windows 2000 as the operating system. Selecting Other as the operating system in the Compaq System Configuration Utility forces a default that causes the system to act in an unpredictable manner.

Once the simple system configuration completes, follow the instructions starting with step 5 found on page 11 of this document.

Pre-Installation

Obtain Recommended Support Software

1. Obtain Compaq Support Paq for Microsoft Windows 2000 Version 5.08A at http://www5.compaq.com/support/files/server/us/download/9679.html which contains the device drivers, management agents, and utilities, supported under Whistler Beta 2 release.

Once the Compaq Support Paq for Microsoft Windows 2000 Version 5.08A is installed, you can use Compaq Insight Manager XE 2.1 available at, http://www.compaq.com/support/files/server/us/download/9225.html to manage your Whistler Beta 2 servers. Compaq Insight Manager XE requires that Microsoft SQL Server or Microsoft Database Engine (MSDE) be installed prior to installing Compaq Insight Manager XE. MSDE is delivered in the Compaq Insight Manager XE SoftPaq. Compaq Insight Manager XE 2.1 currently runs under Microsoft Windows NT 4.0™ and Microsoft Windows® 2000.

2. Obtain the latest Compaq System Configuration Utility at http://www.compaq.com/support/files/server/us/download/9850.html and create the associated bootable diskette set. Invoke the utility and verify that all system configuration options conform to those listed for the platform you have chosen.

Installation Procedure

Compaq does not support upgrading from any Microsoft Operating System to Whistler Beta 2.

Whistler Beta 2 is supported on Compaq Servers as a new installation only.

IMPORTANT: Compaq does *not* recommend installing Whistler Beta 2 in a production environment. Whistler Beta 2 tests should only be performed in isolated test environments.

Compaq Supported Installation

To produce a Whistler Beta 2 installation fully supported by Compaq, follow these steps when setting up the system. Read the sequence completely before you begin.

1. Select a supported system platform from the server platforms listed in Table 2. Supported system platforms for Whistler Beta 2.

2. Inspect the system to confirm that it conforms to the platform-specific configuration listed in Table 2. Supported system platforms for Whistler Beta 2. If necessary, update the system and option ROMs as specified in Table 2. Supported system platforms for Whistler Beta 2, and Table 4. Supported Compaq storage options.

IMPORTANT: When configuring the system for Whistler, select Windows 2000 as the primary OS via the System Configuration or via the ROM Based Setup Utility.

3. Use System Configuration Utility to configure the hardware for your server.

Note: The Prosignia Server 720, ProLiant 400, ProLiant ML350, ProLiant ML330 and ProLiant DL320 do not need the Compaq System Configuration Utility because they have ROM-Based Setup Utility (RBSU). It is necessary to use RBSU to specify the operating system on these servers.

4. If the server has a Smart Array 5300, Smart Array 431, or Integrated Smart Array Controller installed as the boot controller, configure these arrays by accessing the Option ROM Configuration for Arrays Utility via the [F8] key during boot. Once the configuration is complete, exit the utility to continue boot process.

Note: If a Compaq array controller that does not use Option ROM Configuration for Arrays Utility is installed as the boot controller, use SmartStart for Servers 5.0 Manual Path to configure the array as a boot controller. Otherwise, set your array controller as the secondary controller and install the OS to a SCSI controller. Once the OS is installed, configure the array via the Compaq Array Configuration Utility using the Compaq Support Paq Version 5.08A.

IMPORTANT: The *README.TXT* for this utility reads: The Compaq Array Configuration Utility (ACU) is online under Microsoft® Windows NT™ 4.0 or Windows 2000®. This version cannot be installed on the system partition nor can it be run directly from diskette.

5. Insert the Whistler Beta 2 into CD-ROM to begin installation.

6. After Whistler has been installed, begin installation of the Compaq Support Paq for Microsoft Windows 2000 5.08A, which is available at, http://www5.compaq.com/support/files/server/us/download/9679.html. The Compaq Support Paq for Microsoft Windows 2000 contains numerous files. All files must be present in the same directory as the SETUP.EXE program in order for the Support Paq to be installed properly.

Primary Installation Method

- Run the SETUP.EXE program included with the Support Paq. By default, all software components are selected for installation. In most circumstances, this default selection should not be altered.

- Click the **Install** button to proceed with the installation. Although all software components are selected for installation by default, only those required by the server will install. After the installation is complete, the utility will display successfully installed components, non-applicable components and any component installation failures.

Command Prompt Installation

- A BP000013.CMD file is also provided with the Support Paq for use in installing the Support Paq from a command prompt without user interaction. As with the SETUP.EXE program, all components appropriate for the selected server will be installed.

For additional usage information, refer to the BP000013.TXT file included in the Bundle Package.

Support Limitations for Whistler Beta 2 Installed on Compaq Servers

Compaq ProLiant ML330 and ML350 servers appear to be "frozen" during GUI-mode Whistler setup

During installation of Whistler Beta 2 on ProLiant ML330 and ML350 servers, the system often appears to be "frozen" and continues installation only if mouse or keyboard activity occurs. In addition, if the server is connected to a KVM (Keyboard/Video/Mouse switch), the mouse cursor tracking may appear to be very slow at various times during and after the installation.

Solution:

Compaq has resolved this limitation by providing, in ROMPaq, a new version of system ROM available on the Compaq web site:
http://www5.compaq.com/partners/microsoft/whistler/index.html.

The SoftPaq numbers are as follows:

- For the Compaq ProLiant ML350 server (ROM family D02 and D04 dated 11/13/00) use SP15927.
- For the Compaq ProLiant ML330 server (ROM family D03 dated 11/13/00) use SP15928.

Extending a FAT32 partition yields blue screen

When extending a FAT32 partition, after a couple of reboots the system may return the following message:

"*Inaccessible boot device*"

Workaround:

None

Solution:

Compaq is working with Microsoft to resolve this issue.

The Cluster Administrator incorrectly reacts to a private network fault condition in a 4-node cluster

When the Private (interconnect/heartbeat) network connection is removed from Node 1 of a 4-node cluster, all nodes except Node 1 are marked as failed within Cluster Administrator.

Workaround:

None

Solution:

Compaq is working with Microsoft to resolve this issue.

Compaq Network Management Protocol Driver Service fails to start error message in system log

An error message in the system log indicating that the Compaq Network Management Protocol Driver Service has failed to start. Test results indicate this really means Token Ring Adapters are not viewable in Compaq Insight Manager XE.

Workaround:

None

Solution:

Compaq is working to provide a solution in the next version of Compaq Support Paq for Microsoft Windows and the Compaq Management CD.

When a Fibre Cable is removed from the Active HBA on one of the cluster nodes, Cluster Administrator incorrectly reports the node marked as failed (Red X on Node Name). However, before the fault is repaired the Red X goes away.

Workaround:

None

Solution:

Compaq is working with Microsoft to resolve this issue.

Disappearance of 640X480 display resolution

When you choose to use the 800x600 resolution and then try to switch back to the 640x480, you will find that the selection is no longer available.

Workaround:

None

Solution:

Compaq is working with Microsoft to resolve this issue.

Servers do not show up as web-enabled in the Compaq Insight Manager 32-bit console.

Servers runnings Whistler Beta 2 do not show up as web-enabled in the Compaq Insight Manager 32-bit console. The web-enabled icon next to the server name in the Device List window is absent and the View Web Data option in the Task List is not available. The web agent functions properly and is available for viewing if the home page URL is manually typed in on a browser.

Workaround:

In order to view the web data from a server exhibiting this limitation, the following steps can be followed:

1. Start a browser on the client running the Insight Manager console.

2. Type in the URL address with the following syntax: http://(IP address of server to be viewed):2301. This will bring up the server's device home page.

3. Select the Compaq Management Agents from the list of products.

Solution:

Compaq is working to provide a solution in the next version of Compaq Support Paq for Microsoft Windows and the Compaq Management CD.

When using Remote Insight Lights Out Edition, the ATI device in Whistler Device Manager is displayed with a yellow exclamation mark

There is no loss of functionality or other reported symptoms.

Workaround:

None

Solution:

Compaq is working with Microsoft to resolve this issue.

ACPI Event Viewer error message on ProLiant DL320

ACPI errors are logged to the Event Viewer under System tab on every boot.

Workaround:

None

Solution:

Compaq is working to provide a solution in the next version of Compaq Support Paq for Microsoft Windows and the Compaq Management CD.

Hibernation Tab does not install on systems with 4 GB or More System Memory

Workaround:

With /PAE enabled in the boot.ini the server will not hibernate.

Solution:

Hibernation with 4 GB or more system memory is not supported in Whistler Beta 2.

Servers' IP addresses are not properly resolved through DNS/WINS in either Compaq Insight Manager 32-bit console or Compaq Insight Manager XE.

In Compaq Insight Manager XE and Compaq Insight Manager 32-bit Console, different, incorrect names and IP addresses are detected for a single IP address every time the DNS/WINS resolution is attempted, yielding multiple device entries for the same server.

Workaround (Compaq Insight Manager 32-bit console):

In order to view the server exhibiting this limitation within the 32-bit console, follow the steps below:

1. Select the Menu Option [Setup][Device List]

2. Click on the IP Device List button.

3. Select the server exhibiting the problem and click the Edit button.

4. Uncheck the WINS/DNS IP Address Resolution box. Type in the server's IP address in the IP Address field.

5. Click the OK button.

6. Repeat steps 3 through 5 for all other server having problems.

7. Click the OK button to exit the IP Device List window.

8. Click the OK button to exit the Device List Setup window.

Workaround (Compaq Insight Manager XE):

In order to alleviate the WINS/DNS problem when the Compaq Insight Manager XE service is running on Whistler Beta 2, perform the following:

1. Log into Compaq Insight Manager XE on the Whistler server (http://servername:280)

2. Click on the Settings button.

3. Uncheck the Enable Automatic Discovery box and click Apply

4. Click on the Manual Discovery link.

5. Click on the Add Devices link

6. You can now manually add a single device at a time to get full name resolution. You can also add an IP range for devices. By manually adding an IP range, all devices will have their IP address associated as their name in a query, and not their actual machine names. Do NOT check the Resolve IP Address (DNS Lookup) box.

Solution:

Compaq is working with Microsoft to resolve this issue.

NIC Teaming is not supported with Whistler Beta 2

Compaq SANworks Secure Path for Windows Version 3.1 is not supported with Whistler Beta 2

Compaq SANworks Secure Path for Windows 2000 on RAID Array 4000/4100 Version 3.1 is not supported with Whistler Beta 2