

HP ProLiant Essentials Performance Management Pack

Support Matrix

ProLiant Essentials Performance Management Pack (PMP) is a software solution that detects and analyzes hardware performance issues on HP ProLiant servers. PMP helps you discover your system performance, which enables you to pinpoint the exact cause of performance issues and target the errant subsystem, eliminating guesswork and getting your servers to optimal performance quickly.

PMP also discovers and warns you of impending or existing performance issues. You can set up proactive alerts using the HP Insight Manager 7 notification mechanism.

For more information on PMP, refer to <http://www.hp.com/servers/proliantessentials/PMP>.

System Support

The following tables list hardware and operating system configurations that are supported by PMP.

Client System Configuration

PMP clients can be used to interactively monitor the real-time performance of a server or to replay information extracted from performance logs that analyze stored data. Both of these tools run within a browser window.

Table 1 lists the supported configurations for the client (Web browser).

Table 1: Supported Client Systems

Operating Systems	Microsoft® Windows NT® 4.0 Workstation, SP6a
	Microsoft Windows NT 4.0 Server, SP6a
	Microsoft Windows NT 4.0 Enterprise Edition, SP6a
	Microsoft Windows® 2000 Server, SP2 or later
	Microsoft Windows 2000 Advanced Server, SP2 or later
	Microsoft Windows 2000 Professional, SP2 or later
	Microsoft Windows Server 2003, Standard Edition
	Microsoft Windows Server 2003, Enterprise Edition
	Microsoft Windows Server 2003, Datacenter Edition
	Microsoft Windows Server 2003, Web Edition
Web Browsers	Microsoft Windows XP, SP1 or later
	Microsoft Internet Explorer 5.5 SP2 or later
	Microsoft Internet Explorer 6.0 or later

Monitored Server Configuration

The server to be monitored must be a ProLiant server for which PMP has been calibrated. Only supported server types are displayed in the administration screens of PMP.

A monitored server might contain options that PMP does not recognize. These options do not affect the performance analysis for the components of which PMP is aware. The unsupported options are shown as “unknown” within the PMP display.

IMPORTANT: Currently, servers with Intel® Pentium® Pro processors are not supported.

Table 2, Table 3, and Table 4 list the supported configurations for the monitored servers.

Table 2: Supported Monitored Server Configurations

ProLiant Servers	ProLiant 3000 (PIII)	ProLiant DL360 G2
	ProLiant 5500 (PIII Xeon)	ProLiant DL360 G3
	ProLiant 6400R (PIII Xeon)	ProLiant ML370
	ProLiant 6500 (PIII Xeon)	ProLiant ML370 G2
	ProLiant 7000 (PIII Xeon)	ProLiant ML370 G3
	ProLiant 8000 (PIII Xeon)	ProLiant DL380
	ProLiant 8500 (PIII Xeon)	ProLiant DL380 G2
	ProLiant BL10e <i>NEW</i>	ProLiant DL380 G3
	ProLiant BL10e G2 <i>NEW</i>	ProLiant ML530
	ProLiant BL20p	ProLiant ML530 G2
	ProLiant BL20p G2 <i>NEW</i>	ProLiant DL560
	ProLiant BL40p <i>NEW</i>	ProLiant ML570
	ProLiant ML310	ProLiant ML570 G2
	ProLiant DL320	ProLiant DL580
	ProLiant DL320 G2	ProLiant DL580 G2
	ProLiant ML330 G2	ProLiant DL740
	ProLiant ML330 G3 <i>NEW</i>	ProLiant ML750
	ProLiant ML350 G2	ProLiant DL760
	ProLiant ML350 G3	ProLiant DL760 G2
	ProLiant DL360	

Table 3: Supported Monitored Server Configurations

Operating Systems	Microsoft Windows NT Server 4.0, SP6a	
	Microsoft Windows NT Server 4.0 Enterprise Edition, SP6a	
	Microsoft Windows 2000 Server, SP2 or later	
	Microsoft Windows 2000 Advanced Server, SP2 or later	
	Microsoft Windows 2000 Data Center	
	Microsoft Windows Server 2003, Standard Edition	
	Microsoft Windows Server 2003, Enterprise Edition	
	Microsoft Windows Server 2003, Data Center Edition	
	Microsoft Windows Server 2003, Web Edition	
	Management Agents	Insight Manager Agent version 6.10.1.0 (or later) for Windows NT
Insight Manager Agent version 6.20 (or later) for Windows 2000		
Insight Manager Agent version 6.40 (or later) for Windows Server 2003 <i>NEW</i>		
NOTE: Servers running Windows NT must install the WMI Support Tools.		
Network Adapters	NC3120	NC6134
	NC3121	NC6136
	NC3122	NC6170 <i>NEW</i>
	NC3123	NC6770 <i>NEW</i>
	NC3131	NC7131
	NC3132	NC7132
	NC3133	NC7170 <i>NEW</i>
	NC3134	Embedded NC7760
	NC3135	NC7770
	Embedded NC3163	Embedded NC7780
	NC6132	Embedded NC7781
	NC6133	

Table 4: Supported Monitored Server Configurations

Smart Array Controllers	SMART-2/P	Smart Array 4250ES
	SMART-2DH	Smart Array 5i
	SMART-2/SL	Smart Array 5i Plus
	Smart Array 221	Smart Array 532
	Smart Array 3100ES	Smart Array 5300
	Smart Array 3200	Smart Array 5312
	Integrated Smart Array	Smart Array 641
	Smart Array 431	Smart Array 642
	Smart Array 4200	Smart Array 6400 <i>NEW</i>
SCSI Disk Drives	Fast SCSI-2	Wide Ultra2 SCSI
	Fast-Wide SCSI-2	Ultra3 SCSI
	Ultra SCSI-3	Ultra320 SCSI
	Wide Ultra SCSI-3	Ultra ATA-100 IDE RAID <i>NEW</i>
Storage Enclosures	ProLiant Storage System Enclosure Model F1	
	ProLiant Storage System Enclosure Model F2	
	ProLiant Storage System Enclosure Model U1	
	ProLiant Storage System Enclosure Model U2	
	ProLiant Storage System Enclosure Model UE	
	StorageWorks Enclosure Model 4214R	
	StorageWorks Enclosure Model 4214T	
	StorageWorks Enclosure Model 4254R	
	StorageWorks Enclosure Model 4314R	
	StorageWorks Enclosure Model 4314T	
	StorageWorks Enclosure Model 4354R	
Fibre Channel Host Bus Adapters	HP Fibre Channel Host Adapter/P	
	StorageWorks 64-bit/66-MHz Fibre Channel Host Adapter	
	StorageWorks FCA2101 2Gb Fibre Channel HBA	
	Smart Array SAN Access Module <i>NEW</i>	

Performance Analysis Server Configuration

The server on which the primary analysis is conducted is called the performance analysis server. PMP requires this server to run a supported version of the operating system.

Table 5 lists the supported configurations for the performance analysis server.

Table 5: Supported Performance Analysis Server Configurations

Operating System	Microsoft Windows NT Server 4.0, SP6a
	Microsoft Windows NT Server 4.0 Enterprise Edition, SP6a
	Microsoft Windows 2000 Professional, SP2 or later
	Microsoft Windows 2000 Server, SP2 or later
	Microsoft Windows 2000 Advanced Server, SP2 or later
	Microsoft Windows Server 2003, Standard Edition <i>NEW</i>
	Microsoft Windows Server 2003, Enterprise Edition <i>NEW</i>
	Microsoft Windows XP Professional, SP1 or later
Database	Microsoft SQL Server 7.0 Standard, SP4 or later
	Microsoft SQL Server 7.0 Enterprise, SP4 or later
	Microsoft SQL 2000 Personal, SP1 or later (local only)
	Microsoft SQL Server 2000 Standard, SP1 or later
	Microsoft SQL Server 2000 Enterprise, SP1 or later
	Microsoft Data Engine 1.0, SP4 or later (local only)
	Microsoft Data Engine 2000, SP1 or later (local only)
NOTE: For a remote database to work with second database instances, you must install Microsoft Data Access Components (MDAC) 2.7 SP1 or later.	

© 2002, 2003 Hewlett-Packard Development Company, L.P.

Microsoft®, Windows®, and Windows NT® are U.S. registered trademarks of Microsoft Corporation. Intel® and Pentium® are U.S. registered trademarks of Intel Corporation.

Hewlett-Packard Company shall not be liable for technical or editorial errors or omissions contained herein. The information in this document is provided "as is" without warranty of any kind and is subject to change without notice. The warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty.

Fifth Edition (September 2003)
Part Number 322608-005



322608-005