

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 allows 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 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	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
	Microsoft Windows 2000 Advanced Server, SP2
	Microsoft Windows 2000 Professional, SP2
	Microsoft Windows Server 2003, Standard Edition <i>NEW</i>
	Microsoft Windows Server 2003, Enterprise Edition <i>NEW</i>
	Microsoft Windows Server 2003, Datacenter Edition <i>NEW</i>
	Microsoft Windows Server 2003, Web Edition <i>NEW</i>
	Microsoft Windows XP, SP1
Web Browsers	Microsoft Internet Explorer 5.5 SP1 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 may 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 ML370
	ProLiant 5500 (PIII Xeon)	ProLiant ML370 G2
	ProLiant 6400R (PIII Xeon)	ProLiant ML370 G3
	ProLiant 6500 (PIII Xeon)	ProLiant DL380
	ProLiant 7000 (PIII Xeon)	ProLiant DL380 G2
	ProLiant 8000 (PIII Xeon)	ProLiant DL380 G3
	ProLiant 8500 (PIII Xeon)	ProLiant ML530
	ProLiant BL20p <i>NEW</i>	ProLiant ML530 G2
	ProLiant ML310 (SCSI)	ProLiant DL560 <i>NEW</i>
	ProLiant DL320 (SCSI)	ProLiant ML570
	ProLiant DL320 G2 <i>NEW</i>	ProLiant ML570 G2
	ProLiant ML330 G2	ProLiant DL580
	ProLiant ML350 G2	ProLiant DL580 G2
	ProLiant ML350 G3	ProLiant DL740 <i>NEW</i>
	ProLiant DL360	ProLiant ML750
	ProLiant DL360 G2	ProLiant DL760
ProLiant DL360 G3 <i>NEW</i>	ProLiant DL760 G2 <i>NEW</i>	
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 <i>NEW</i>	
	Microsoft Windows Server 2003, Standard Edition <i>NEW</i>	
	Microsoft Windows Server 2003, Enterprise Edition <i>NEW</i>	
	Microsoft Windows Server 2003, Data Center Edition <i>NEW</i>	
Microsoft Windows Server 2003, Web Edition <i>NEW</i>		

Table 3: Supported Monitored Server Configurations

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 6.30 (or later) for Windows Server 2003 <i>NEW</i>		
NOTE: Servers running Windows NT must install the WMI Support Tools.			
Network Adapters	NC3122	NC6133	
	NC3123	NC6134	
	NC3131	NC6136	
	NC3132	NC7131	
	NC3133	NC7132	
	NC3134	NC7760	
	NC3135	NC7770	
	Embedded NC3163	Embedded NC7780	
	NC6132	Embedded NC7781	
	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			
Disk Drives	Fast SCSI-2	Wide Ultra2 SCSI	
	Fast-Wide SCSI-2	Ultra3 SCSI	
	Ultra SCSI-3	Ultra320 SCSI	
	Wide Ultra SCSI-3		

Table 4: Supported Monitored Server Configurations

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
	StorageWorks 64-bit/66-MHz Fibre Channel Host Adapter
	StorageWorks FCA2101 2Gb Fibre Channel HBA

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
	Microsoft Windows XP Professional
Database	Microsoft SQL Server 7.0, SP4
	Microsoft SQL Server 2000, SP2
	Microsoft Data Engine 1.0 with SQL Server 7.0, SP4
	Microsoft Data Engine 2000
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.

Third Edition (March 2003)
Part Number 322608-003



322608-003