



hp openview omniback II 4.1

support matrices

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supported operating systems and integrations	
omniback II component	supported operating systems
Cell Manager	<ul style="list-style-type: none"> Windows NT 4.0 Windows 2000 Windows XP PRO HP-UX 10.20, 11.0³, 11.11³, 11.20^{3&5}
Graphical User Interface	<ul style="list-style-type: none"> Windows 98¹ Windows ME¹ Windows NT 4.0 Windows 2000 Windows XP HE Windows XP PRO HP-UX 10.20, 11.0³, 11.11³, 11.20^{3&5}
Managers-of-Managers (MoM)	<ul style="list-style-type: none"> Windows NT 4.0 Windows 2000 Windows XP PRO HP-UX 10.20, 11.0³, 11.11³, 11.20^{3&5}
Backup Device Server (media agent), including robotic control	<ul style="list-style-type: none"> Windows NT 4.0 Windows 2000 Windows XP PRO Novell NetWare 4.11, 4.2, 5.0, 5.1 HP-UX 10.20, 11.0³, 11.11³, 11.20^{3&5} Sun Solaris⁴ 2.6, 7, 8 For Windows NT PCs, the following SCSI interface cards are supported: AMD, Adaptec, Symbios MPE/iX 6.0, 6.5 Linux Redhat kernel version 2.2.17 & above Linux SuSe kernel version 2.2.17 & above
Backup Device Server (media agent), without robotic control	<p>The above list plus the following:</p> <ul style="list-style-type: none"> IBM AIX 4.3.x, AIX 5L SNI Sinix 5.4.3, 5.4.4 SCO OpenServer 5.0.5 (Compaq)
Backup Agents (disk agents)	<ul style="list-style-type: none"> Windows NT 4.0 (including all service packs from Microsoft) Windows 95 Windows 98 Windows ME Windows 2000 Windows XP PRO Novell NetWare 4.11, 4.2, 5.0, 5.1 HP-UX 10.20, 11.0³, 11.11³, 11.20^{3&5} HP MPE/lx, 6.0, 6.5 Sun Solaris⁴ 2.6, 7, 8 IBM AIX 4.3.x, 5L SGI IRIX 6.4, 6.5 SNI Sinix 5.4.3, 5.4.4 SCO OpenServer 5.0.5, SCO Unixware 7.x² Digital UNIX 4.0D, Compaq Tru64 UNIX version 5.0, 5.1

- MP-RAS NCR V4_3.0
- DYNIX Sequent Intel 4.4.2
- Linux – Red Hat Distribution 6.x, 7.x
- Linux – SuSE 6.x, 7.x
- Caldera OpenLinux 2.4x
- Debian Linux v2.2.r3
- Additional UNIX platforms via NFS
- Additional platforms via shared disks

- 1 The following limitations apply:
 - Browsing the Microsoft Windows Network is disabled.
 - Only US English version of GUI is supported.
 - Only local installation direct from installation CD-ROM is supported.
- 2 The following limitation applies: The Backup Agent on Unixware 7.1.1 can only be installed locally and not via push installation.
- 3 NIS+ is not supported
- 4 For Solaris – SunOS version compatibility, please refer to the SUN OS support matrix
- 5 HP-UX 11.11 is another name for HP-UX 11i version 1.0.
HP-UX 11.20 is another name for HP-UX 11i version 1.5.

Platform restrictions for supported operating systems	
operating system	supported processor platform
Windows NT ¹	Intel or AMD
Windows 2000	Intel or AMD
Linux – Red Hat Distribution	Intel or AMD
Linux – SuSE	Intel or AMD
Sun Solaris	SPARC

¹ The Windows NT 4.0 Backup Agent (disk agent) is also supported on Alpha Systems.

NOTE: For the following integration matrix, only those combinations of Applications & Operating Systems are supported that are supported by the respective vendors.

supported databases and integrations	
application agents	supported databases / integrations
Oracle (32-bit) (including Oracle Parallel Server)	<ul style="list-style-type: none"> • Oracle 7.3.4/EBU 2.2 : HP-UX 10.20(32-bit), 11.0 (32 & 64-bit) Windows NT 4.0 Solaris 2.6 (32-bit) AIX 4.3.x • Oracle 8.0.x/Recovery Manager : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit)

	<p>Windows NT 4.0</p> <p>Solaris 2.6 (32-bit), 7 (32 & 64-bit)</p> <p>AIX 4.3.x</p> <ul style="list-style-type: none"> • Oracle 8.1.x/Recovery Manager : HP-UX 11.0 (32 & 64-bit), 11.11(32 & 64-bit) <p>Solaris 7, 8 (32 & 64-bit)</p> <p>AIX 4.3.x</p> <p>Windows NT 4.0</p> <p>Linux - Red Hat Distribution 6.x , 7.x</p> <p>Linux – Suse 7.x</p> <ul style="list-style-type: none"> • Oracle 8.1.6 : Windows 2000 • Oracle 9i/Recovery Manager : Solaris 7 & 8 (32-bit) <p>Linux – Red Hat 7.x, SuSE 7.x</p> <p>Windows NT 4.0, Windows 2000</p>
Oracle (64-bit) (including Oracle Parallel Server)	<ul style="list-style-type: none"> • Oracle 8.0.x/Recovery Manager : HP-UX 11.0 (64-bit) • Oracle 8.1.x/Recovery Manager: HP-UX 11.0 (64-bit), 11.11(64-bit) <p>Solaris 7 & 8 (64-bit)⁸</p> <ul style="list-style-type: none"> • Oracle 9i/Recovery Manager : HP-UX 11.0 (64-bit), 11.11 (64-bit) <p>Solaris 7 & 8 (64-bit)</p>
Informix (32-bit)	<ul style="list-style-type: none"> • Informix 7.24 : HP-UX 10.20, 11.0 (32-bit) <p>Sinix 5.4.3</p> <p>Solaris 7 (32-bit)</p> <ul style="list-style-type: none"> • Informix 7.3x : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit), 11.11 (32 & 64 bit) <p>Sun Solaris 2.6 (32-bit), 7 & 8 (32 & 64-bit)</p> <p>AIX 4.3.x</p> <p>Windows NT 4.0</p> <ul style="list-style-type: none"> • Informix IDS 9.2x : HP-UX 11.0 (32 & 64-bit), 11.11 (32 & 64-bit) <p>Solaris 7, 8 (32 & 64-bit)</p> <p>Windows 2000</p> <ul style="list-style-type: none"> • Informix XPS 8.2x : HP-UX 11.0 (32 & 64-bit) • Informix XPS 8.3x : HP-UX 11.0 (32 & 64-bit), 11.11 (32 & 64-bit)
Informix (64-bit)	<ul style="list-style-type: none"> • Informix 7.31 : HP-UX 11.0 (64-bit) <p>Solaris 7 & 8 (64-bit)</p> <p>AIX 4.3.x (64-bit)</p> <ul style="list-style-type: none"> • Informix IDS 9.2(0,1)¹ : HP-UX 11.0 (64-bit), 11.11 (64-bit) <p>Solaris 7 & 8 (64-bit)</p> <ul style="list-style-type: none"> • Informix XPS 8.2x : HP-UX 11.0 (64-bit) • Informix XPS 8.3x : HP-UX 11.0 (64-bit), 11.11 (64-bit)
Sybase (32-bit)	<ul style="list-style-type: none"> • Sybase SQL Server 11.1 : HP-UX 10.20 • Sybase Adaptive Server 11.5: HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) <p>Solaris 2.6 (32-bit), 7 (32 & 64-bit)</p> <ul style="list-style-type: none"> • Sybase Adaptive Server 11.9.2 : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) • Sybase Adaptive Server 11.9.2 : Windows NT 4.0—requires 11.9.2.1 ESD #1 maintenance release or later; contact Sybase support for details • Sybase 12.0 : HP-UX 11.0, 11.11 (32 & 64-bit) <p>Solaris 7 & 8 (32 & 64-bit)</p>

	Windows 2000 Windows NT 4.0
Sybase (64-bit)	<ul style="list-style-type: none"> • Sybase Adaptive Server 12.5 : Windows NT 4.0, Windows 2000 • Sybase Adaptive Server 11.9.3 : HP-UX 11.0 (64-bit), 11.11 (64-bit) Solaris 7, 8 (64-bit) • Sybase 12.0 : HP-UX 11.0 (64-bit), 11.11 (64-bit) Solaris 8 (64-bit)
Microsoft SQL Server	<ul style="list-style-type: none"> • Microsoft SQL Server 7.0 : Windows NT 4.0 • Microsoft SQL Server 7.0 : Windows 2000 • Microsoft SQL Server 2000 : Windows 2000
Microsoft Exchange Server	<ul style="list-style-type: none"> • Microsoft Exchange Server 5.0 : Windows NT 4.0 • Microsoft Exchange Server 5.5 : Windows NT 4.0 • Microsoft Exchange Server 5.5 : Windows 2000 • Microsoft Exchange Server 2000 : Windows 2000 • Microsoft Exchange Server 5.5 – Single mailbox restore : Windows NT 4.0 Windows 2000 • Microsoft Exchange Server 2000 – Single mailbox restore : Windows 2000
Microsoft Cluster Server	<ul style="list-style-type: none"> • Microsoft Cluster Server : Windows NT 4.0 Windows 2000
SAP ² (32-bit)	<ul style="list-style-type: none"> • SAP R/3 3.1x : HP-UX 10.20, 11.0 (32-bit) AIX 4.3.x (32-bit) Windows NT 4.0 • SAP R/3 4.0 : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) AIX 4.3.x Windows NT 4.0 • SAP R/3 4.5, using RMAN mode : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) Windows NT 4.0, Windows 2000 • SAP R/3 4.5, using backint mode : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) AIX 4.3.x Solaris 2.6 (32-bit), 7, 8 (32 & 64-bit) Windows NT 4.0 • SAP R/3 4.6x, using RMAN mode : HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) HP-UX 11.11 (32 & 64-bit) Windows NT 4.0, Windows 2000 Solaris 8 (32 & 64-bit) • SAP R/3 4.6x, using backint mode: HP-UX 10.20 (32-bit), 11.0 (32 & 64-bit) HP-UX 11.11 (32 & 64-bit) Linux Suse 7.x AIX 4.3.x Solaris 7, 8 (32 & 64-bit) Windows NT 4.0 Windows 2000 • SAP Brtools 6.10, using backint & RMAN mode: : Windows NT4.0 Windows2000 Linux Suse 7.x

SAP ² (64-bit)	<ul style="list-style-type: none"> • SAP R/3 4.0 : HP-UX 11.0 (64-bit) • SAP R/3 4.5, using backint and RMAN mode : HP-UX 11.0 (64-bit) • SAP R/3 4.6x, using backint mode : HP-UX 11.0 (64-bit), 11.11(64-bit) • SAP R/3 4.6x, using RMAN mode: HP-UX 11.0 (64-bit), HP-UX 11.11(64-bit) Solaris 8 (64-bit) • SAP Brtools 6.10, using backint & RMAN mode: : HP-UX 11.0 (64-bit) HP-UX 11.11(64-bit) Solaris 7 & 8 (64-bit)
Baan IV ³	<ul style="list-style-type: none"> • Baan IV on Oracle, Informix, and Microsoft SQL Server (see versions above)
Lotus Notes, Lotus Domino	<ul style="list-style-type: none"> • Lotus Online Integration : HP-UX 11.0 (32 & 64-bit), HPUX 11.11 (32 & 64-bit) AIX 4.3.x Windows NT 4.0, Windows 2000
HP OpenView Omniback II Open File Manager	<ul style="list-style-type: none"> • HP OpenView Omniback II Open File Manager 6.2 :Windows NT 4.0 Windows 2000 Novell NetWare 4.x, 5.x • HP OpenView Omniback II Open File Manager 7.0 :Windows NT 4.0 Windows 2000 Novell NetWare 4.x, 5.x
HP SureStore ⁴	<ul style="list-style-type: none"> • HP SureStore Business Copy XP/Continuous Access XP
EMC ⁵	<ul style="list-style-type: none"> • EMC TimeFinder/SRDF
HP MC/ServiceGuard	<ul style="list-style-type: none"> • HP MC/ServiceGuard 10.xx : HP-UX 10.20 • HP MC/ServiceGuard 11.xx : HP-UX 11.0 • HP MC/ServiceGuard 11.xx : HP-UX 11.11
HP OpenView VantagePoint Operations	<ul style="list-style-type: none"> • VPO Management Server: VPO 6.0 : HP-UX 10.20, 11.0 Service Navigator : HP-UX 10.20, 11.0 • VPO Managed Node (Omniback Cell Server) VPO Agent 6.05 : HP-UX 10.20, 11.0, 11.11 VPO Agent 6.03 : Windows NT 4.0, Windows 2000 VP Performance Agent C.03.20 : HP-UX 10.20, 11.0, 11.11 VP Performance Agent C.03.00 : Windows NT 4.0, Windows 2000
HP OpenView ManageX	<ul style="list-style-type: none"> • HP OpenView ManageX 3.5, 4.0, 4.2 : Windows 4.0, Windows 2000
HP OpenView OmniStorage	<ul style="list-style-type: none"> • HP OpenView OmniStorage 3.0 : HP-UX 10.20 • HP OpenView OmniStorage 3.11: HP-UX 10.20, 11.0 • HP Openview Omnistorage 3.12 : HP-UX 10.20, 11.0
HP Openview Network Node Manager	<ul style="list-style-type: none"> • HP Openview Network Node Manager 6.2 : HPUX 10.20, 11.0 Windows Nt 4.0, Windows 2000
NDMP	<ul style="list-style-type: none"> • NetApp Filer ONTAP version 5.3.x, 6.x, NDMP v2 : HP-UX 11.0 Solaris 7 & 8 Windows NT 4.0 Windows 2000 • EMC Celerra(Symmetrix Network File Storage, Version: T2.2.49 or higher)⁹ : HP-UX 11.0 Solaris 7 & 8 Windows NT 4.0 Windows 2000

- 1 Chain restore is not working for Informix ODS 9.20.FC1 (64-bit) and earlier versions.
- 2 Omniback II uses the official SAP backup/restore API (BRTOOLS), which is available only in conjunction with the Oracle database. Therefore, Omniback II support is only dependent on the SAP version but is independent of the Oracle version.
- 3 Baan users with Oracle, Informix, or Sybase databases can back up their application data by following the instructions for the integration of Omniback II and their database in the HP OpenView Omniback II Integration Guide.
- 4 Refer to the HP SureStore Support Matrix for further details on the integration.
- 5 Refer to the EMC Support Matrix for further details on the integration.
- 7 The Whitepaper is located on the CD-ROM "HP OpenView Omniback II for Windows NT/2000" in the folder: \Product_Information\Whitepapers & Service Deployment
- 8 Oracle Parallel Server support not included
- 9 Documentation available only in the HP OpenView Omniback II 4.1 release notes

supported file systems	
operating system	file systems
Windows NT	<ul style="list-style-type: none"> • NTFS • FAT
Windows 2000	<ul style="list-style-type: none"> • NTFS 5.0 (Including Image Backup) • FAT16, FAT32
Windows 98	<ul style="list-style-type: none"> • FAT • VFAT • FAT32
Windows 95	<ul style="list-style-type: none"> • FAT • VFAT • FAT32
Novell NetWare	<ul style="list-style-type: none"> • NetWare FS supported namespaces: MAC, NFS, NSS¹, OS/2 (long namespace), DOS
HP-UX	<ul style="list-style-type: none"> • HFS (Including Rawdisk) • NFS (including NFS3 on HP-UX 10.30 and higher) • LOFS (Loopback FS) • Cache FS • VxFS (10.x, 11.x) (Including Rawdisk) • DCE DFS (10.20 only)
Solaris	<ul style="list-style-type: none"> • UFS • PC FS (MSOS compatible FS) • HSFS • VxFS (2.6, 7) • Tmp FS • LOFS (Loopback FS)

SunOS	<ul style="list-style-type: none"> • UFS • PC FS (MSOS compatible FS) • HSFS • Tmp FS • LOFS (Loopback FS)
IBM AIX	<ul style="list-style-type: none"> • AIX physical FS "oaix" • JFS (Journaling FS)
SGI IRIX	<ul style="list-style-type: none"> • EFS (Extent File System) • XFS (IRIX Journaling FS)
SNI Sinix	<ul style="list-style-type: none"> • HSFS (High Sierra FS) • UFS (UNIX File System) • VxFS
SCO OpenServer	<ul style="list-style-type: none"> • HTFS (High Throughput FS) • DTFS • S51K • S52K
SCO Unixware	<ul style="list-style-type: none"> • memfs • s5 • sfs (Note: ACLs are not backed up and restored.) • ufs • bfs • vxfs (Note: ACLs are not backed up and restored.)
Digital UNIX Alpha Systems/Compaq Tru64 UNIX	<ul style="list-style-type: none"> • UFS (UNIX FS) • AdvFS (Advanced File System)
MP-RAS NCR Intel	<ul style="list-style-type: none"> • BFS (Boot File System) • Cache FS • S5 FS • UFS (UNIX File System) • VxFS • LOFS (Loopback FS)
DYNIX Sequent	<ul style="list-style-type: none"> • UFS (UNIX File System) • VxFS
Linux (Red Hat, SuSe & Caldera)	<ul style="list-style-type: none"> • ext2, ext, minix, xiafs, ReiserFS

¹ Novell NetWare NSS is supported with the following limitations:

- The new NSS volumes on NetWare 5.0 allow creation of deep directory structures (deeper than 100). Omniback II can back up only to a depth of 100.
- NetWare 5.0 NSS volumes allow 8 TB file size, but the maximum file size that Omniback II backs up is 4 GB.

NetWare 5.0 has an NSS_ADMIN volume on every system with NSS volumes present. This is a special read-only volume that contains information about NSS volume configuration. NSS_ADMIN is not backed up.

ACL support in omniback II 4.1

operating system	file system	number of ACL entries (basic/extended)
Windows NT (Intel and Alpha Systems)	NTFS	< 2 GB
Windows NT (Intel and Alpha Systems)	FAT	< 2 GB
Windows 2000 (Intel and AMD)	NTFS 5.0	< 2 GB
Novell NetWare	NetWare FS (MAC, NFS, OS/2, DOS) ¹	512
HP-UX	HFS	3/16
HP-UX	VxFS (10.x, 11.x)	4/17 (JFS 3.3 & 4)
HP-UX	DCE DFS (10.20 only)	3/8188
Solaris	VxFS (2.6, 7)	(JFS 3.3 ACLs not supported)
IBM AIX	AIX (Physical FS 'oaix')	1024 (4096 bytes)

¹ Limited with Omniback II record size and SMS API.