



HPE Data Protector 8.10 Platform and Integration Support Matrix

Version: 2.12

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For the following Data Protector components, only those combinations of Data Protector components, applications and operating systems are supported for which the corresponding application versions and operating system versions are supported by the respective vendors.

The supported operating system “Windows Server 2003” includes support for all editions of Windows Server 2003 and Windows Server 2003 R2 including Windows Unified Data Storage Server where applicable.

The supported operating system “Windows Server 2008” and “Windows Server 2008 R2” includes support for all editions of Windows Server 2008 and “Windows Server 2008 R2” including Windows Unified Data Storage Server where applicable.

The supported operating system “Windows Server 2012” includes support for all editions of Windows Server 2012.

The supported operating system “Windows Server 2012 R2” includes support for all editions of Windows Server 2012 R2.

Support for SUSE Linux Enterprise Server (SLES) 11 does not include support for Novell Open Enterprise Server 11.

HPE Data Protector components running in a combination with application versions and operating system versions, which are not supported by the respective vendors, are limited to the best effort support from HPE. At any time, HPE can decide to remove those combinations from the support matrix.

Updates/changes to individual fields within the Matrix will be highlighted in **RED**.

What's New

There are no updates for this version.

Table 1: Supported operating systems

Supported operating systems	
Data Protector component	Supported operating systems
Cell Manager	<ul style="list-style-type: none"> Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) Windows Server 2012¹⁰ (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64) HP-UX (Itanium) 11.31^{2, 3} RHEL⁴ 5.x, 6.x, 7.0 (x64) CentOS 6.x, 7.0 (x64) Oracle Linux (OL) 6.x, 7.0 (x64) SLES 11 (x64)
Installation Server	<ul style="list-style-type: none"> Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) Windows Server 2012 (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64) HP-UX (Itanium) 11.31^{2, 3}

	<ul style="list-style-type: none"> • RHEL ⁴ 5.x, 6.x, 7.0 (x64) • CentOS 6.x, 7.0 (x64) • Oracle Linux (OL) 6.x, 7.0 (x64) • SLES 11 (x64)
Manager-of-Managers (MoM)	<ul style="list-style-type: none"> • Windows Server 2008 (64-bit) (x64) • Windows Server 2008 R2 (64-bit) (x64) • Windows Server 2012¹⁰ (64-bit) (x64) • Windows Server 2012 R2 (64-bit) (x64) • CentOS 6.x, 7.0 (x64) • Oracle Linux (OL) 6.x, 7.0 (x64) • HP-UX (Itanium) 11.31^{2, 3} • RHEL ⁴ 5.x, 6.x, 7.0 (x64) • SLES 11 (x64)
Backup device server (Media Agent), including robotic control	<ul style="list-style-type: none"> • Windows 7 (32-bit) • Windows 7 (64-bit) (x64) • Windows 8 (64-bit) (x64) • Windows 8.1 (64-bit) (x64) • Windows Server 2003 (32-bit) • Windows Server 2003 (64-bit) (Itanium, x64) Windows Server 2008 (32-bit) • Windows Server 2008 (64-bit) (Itanium, x64) • Windows Server 2008 R2 (64-bit) (Itanium, x64) • Windows Server 2008 Core (32 bit, 64-bit) (Itanium, x64) • Windows Server 2008 R2 Core (64-bit) (x64) • Windows Server 2012 (64-bit) (x64) • Windows Server 2012 R2 (64-bit) (x64) • Windows Server 2012 Core (x64) • Windows Server 2012 R2 Core (x64) • Novell Open Enterprise Server 2.0 for Linux (32-bit and 64-bit) • Novell Open Enterprise Server 11.x for Linux (64-bit) • HP-UX (PA-RISC) 11.11^{2, 3}, 11.23^{2, 3}, 11.31^{2, 3} • HP-UX (Itanium) 11.23^{2, 3}, 11.31^{2, 3} • OpenVMS, 8.3¹, 8.4¹ (Alpha) • OpenVMS 8.3¹, 8.3-1H1¹, 8.4¹ (Itanium) • Sun Solaris (SPARC) 9, 10, 11 • Sun Solaris 10, 11 (x86 and x64) • Linux (32-bit): RHEL ⁴ 5.x, 6.0, 6.1, 6.2, 6.3 SLES 9, 10, 11 Oracle Linux (OL), 5.x, 6.0, 6.1, 6.2, 6.3 CentOS 5.x, 6.0, 6.1, 6.2, 6.3 • Linux (64-bit): RHEL ⁴ 5.x (Itanium, x64) RHEL ⁴ 6.x, 7.x (x64) RHEL 7.x with HPE ServiceGuard 12.00.x for Linux SLES 9, 10, 11 (Itanium, x64) SLES 12 (x64) Oracle Linux (OL), 5.x, 6.x, and 7.x (x64) Debian Linux 6.0 (x64) CentOS 5.x, 6.x, 7.x (x64)
Backup device server (Media Agent), without robotic control	<p>The above list plus the following:</p> <ul style="list-style-type: none"> • IBM AIX, 6.x, 7.1
Backup agents (Disk Agents)	<ul style="list-style-type: none"> • Windows XP Home Edition¹ • Windows XP Professional (32 bit) • Windows XP Professional (64-bit) (x64) • Windows Vista (32-bit)⁹ • Windows 7 (32-bit) • Windows Vista (64-bit) (x64)⁹ • Windows 7 (64-bit) (x64) • Windows 8 (32-bit) • Windows 8 (64-bit) (x64) • Windows 8.1 (64-bit) (x64) • Windows Server 2003 (32-bit)⁹

- Windows Server 2003 (64-bit) (Itanium, x64) ⁹
- Windows Server 2008 (32-bit) ⁹
- Windows Server 2008 (64-bit) (Itanium, x64) ⁹
- Windows Server 2008 R2 (64-bit)(x64, Itanium)
- Windows Server 2008 Core (32bit) ⁹
- Windows Server 2008 Core (64-bit) (Itanium, x64) ⁹
- Windows Server 2008 R2 Core (64-bit) (x64)
- Windows Small Business Server 2011 (64-bit) (x64)
- Windows Server 2012 (64-bit) (x64)
- Windows Server 2012 R2 (64-bit) (x64)
- Windows Server 2012 Core (x64)
- Windows Server 2012 R2 Core (x64)
- Novell Open Enterprise Server 2.0 for Linux (32-bit and 64-bit)
- Novell Open Enterprise Server 11.x for Linux (64-bit)
- HP-UX (PA-RISC) 11.11^{2, 3}, 11.23^{2, 3}, 11.31^{2, 3}
- HP-UX (Itanium) 11.23^{2, 3}, 11.31^{2, 3}
- Sun Solaris (SPARC) 9, 10, 11⁸
- Sun Solaris (x86, x64) 10, 11⁸
- IBM AIX, 6.x, 7.1⁶
- SCO OpenServer 6.0.0
- Open VMS 8.3¹, 8.4¹ (Alpha)
- Open VMS 8.3¹, 8.3-1H1¹, 8.4¹ (Itanium)
- Mac OS X Server 10.6.x (64-bit) (x64)
- Linux (32-bit): RHEL ⁴ 5.x, 6.0, 6.1, 6.2, 6.3
SLES 9, 10, 11
Oracle Linux (OL) 5.x, 6.0, 6.1, 6.2, 6.3
CentOS 5.x, 6.0, 6.1, 6.2, 6.3
- Linux (64-bit): RHEL ⁴ 5.x (Itanium, x64)
RHEL ⁴ 6.x, 7.x (x64)
RHEL 7.x with HPE ServiceGuard 12.00.x for Linux
SLES 9, 10, 11 (Itanium, x64)
SLES 12 (x64)
Oracle Linux (OL) 5.x, 6.x, 7.x (x64)
Debian Linux 6.0, 7.0 (x64)
CentOS 5.x, 6.x, 7.x (x64)
Ubuntu 12.x, 13.x, 14.x, 15.x, 16.x (x64)
- additional UNIX platforms via NFS (on UNIX systems)
- additional platforms via shared disks (CIFS /SMB 1, 2, or 3 on Windows systems)

Backup Agents (disk agents) for file system and raw disk backup using AES encryption

- Windows XP Professional (32-bit)
- Windows Vista (32-bit)
- Windows Vista (64-bit) (x64)
- Windows 8 (32-bit)
- Windows 8 (64-bit) (x64)
- Windows 8.1 (64-bit) (x64)
- Windows Server 2003 (32-bit)
- Windows Server 2003 (64-bit) (Itanium, x64)
- Windows Server 2008 (32-bit)
- Windows Server 2008 (64-bit) (Itanium, x64)
- Windows Server 2008 R2 (64-bit) (Itanium, x64)
- Windows Server 2012 (64-bit) (x64)
- Windows Server 2012 R2 (64-bit) (x64)
- Windows Server 2012 Core (x64)
- Windows Server 2012 R2 Core (x64)
- HP-UX (PA-RISC) 11.11 ^{2, 3}, 11.23 ^{2, 3}, 11.31^{2, 3}
- HP-UX (Itanium) 11.23 ^{2, 3}, 11.31^{2, 3}
- Sun Solaris (SPARC) 9, 10, 11⁹
- Linux (32-bit): RHEL ⁴ 5.x, 6.0, 6.1, 6.2, 6.3, 6.4
SLES 10, 11
- Linux (64-bit): RHEL ⁴ 5.x (Itanium, x64)
RHEL ⁴ 6.x, 7.x (x64)

	<ul style="list-style-type: none"> SLES 9, 10, 11 (Itanium, x64) SLES 12 (x64) CentOS 7.x (64-bit) (x64) Oracle Linux (OL) 7.x (64-bit) (x64)
Backup device server (Media Agent), including robotic control using LTO drive based encryption (AES-GCM)	<ul style="list-style-type: none"> Windows 8 (x64) Windows Server 2003 (32-bit) Windows Server 2003 (64-bit) (Itanium, x64) Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) (Itanium, x64) Windows Server 2008 R2 (64-bit) (Itanium, x64) Windows Server 2012 (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64) HP-UX (PA-RISC) 11.11^{2,3}, 11.23^{2,3}, 11.31^{2,3} HP-UX (Itanium) 11.23^{2,3}, 11.31^{2,3} Linux (32-bit): RHEL⁴ 5.x, 6.0, 6.1, 6.2, 6.3 SLES 10, 11 Oracle Linux (OL) 6.0, 6.1, 6.2, 6.3 Linux (64-bit): RHEL⁴ 5.x (Itanium, x64) RHEL⁴ 6.x, 7.x (x64) RHEL 7.x with HPE ServiceGuard 12.00.x for Linux SLES 10, 11 (Itanium, x64) SLES 12 (x64) Oracle Linux (OL) 6.x, 7.x (x64) Cent OS 6.x, 7.x
Data Protector StoreOnce B2D Software Store	<ul style="list-style-type: none"> Windows Server 2008 (64-bit)(x64) Windows Server 2008 R2 (64-bit) (x64) Windows Server 2012 (64-bit) (x64) Windows Server 2012 R2 (64-bit)(x64) Linux (64-bit): RHEL⁴ 5.x, 6.0, 6.1, 6.2, 6.3, 6.4 (x64) SLES 10.x, 11.x (x64) Oracle Linux (OL) 6.4 (x64) CentOS 6.4 (x64)
StoreOnce Application Source and Backup Server Deduplication using Catalyst ^{7,11}	<ul style="list-style-type: none"> Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit)(x64) Windows Server 2012 (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64) HP-UX (Itanium) 11.23^{3,5}, 11.31^{3,5} Linux (64-bit) RHEL⁴ 5.x, 6.x, 7.x (x64) SLES 10, 11 (x64)
Backup device server (Media Agent) with EMC Data Domain Boost Deduplication ¹²	<ul style="list-style-type: none"> Windows Server 2008 R2 (64-bit) (x64) HP-UX (Itanium) 11.31

¹ Push installation not possible, need to be installed locally.

² NIS+ is supported in a DNS environment.

³ HP-UX 11.11 is HP-UX 11i version 1.0.
HP-UX 11.23 is HP-UX 11i version 2.0.
HP-UX 11.31 is HP-UX 11i version 3.0.

⁴ Includes support for Red Hat Enterprise Linux Advanced Server, Advanced Workstation and Enterprise Server if applicable.

⁵ Backup to Data Protector StoreOnce Software store is not supported.

⁶ Includes support for Veritas Cross-Platform Data Sharing (CDS) disk.

⁷ Supports StoreOnce software version 3.14.x and earlier. For information on the StoreOnce Backup systems and features supported by this StoreOnce software version, see the [Data Agile BURA Compatibility Matrix](#).

⁸ System Extended Attributes are not supported.

⁹ Requires installation of Windows patch KB2748349.

¹⁰ Not supported on Windows Server Cluster.

¹¹ StoreOnce Federated Catalyst stores, Catalyst over Fibre Channel (CoFC), and IPv6 are not supported.

¹² Supported with patch bundle 8.1.1

Table 2: Supported CLI platforms and localization

Supported CLI platforms and localization	
Operating system	Supported local languages ¹
Windows	<ul style="list-style-type: none"> English French Japanese Simplified Chinese
HP-UX	<ul style="list-style-type: none"> English French Japanese Simplified Chinese
Solaris	<ul style="list-style-type: none"> English
Linux	<ul style="list-style-type: none"> English French Japanese Simplified Chinese
IBM AIX	<ul style="list-style-type: none"> English
Novell Open Enterprise Server	<ul style="list-style-type: none"> English
SCO OpenServer	<ul style="list-style-type: none"> English
Open VMS	<ul style="list-style-type: none"> English
VMware ESX	<ul style="list-style-type: none"> English
Mac OS X Server	<ul style="list-style-type: none"> English

¹ Localized messages available on level of DP 8.0 only. GUI screens and messages introduced with DP 8.1 will be displayed in English only.

Table 3: Graphical user interface support

Graphical user interface support ^{1,2}	
GUI component	Supported operating system
Native Windows graphical user interface	<ul style="list-style-type: none"> Windows Vista (32-bit) Windows Vista (64-bit) (x64) Windows 7 (32-bit) Windows 7 (64-bit) (x64) Windows 8 (32-bit) Windows 8 (64-bit) (x64) Windows Server 2008 (32-bit) Windows Server 2008, Windows Server 2008 R2 (64-bit) (Itanium, x64) Windows Server 2012 (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64)

¹ Graphical user interface is supported for following languages:

- English,
- French,
- Japanese,
- Simplified Chinese.

² Localized messages available on level of DP 8.0 only. GUI screens and messages introduced with DP 8.1 will be displayed in English only.

Table 4: Platform restrictions for supported operating systems

Platform restrictions for supported operating systems		
Operating system	Supported processor platforms	
HP-UX	PA-RISC Itanium	(HP-UX 11.11, 11.23, 11.31) (HP-UX 11.23, 11.31)
Windows	x86, x86_64 Itanium, x86_64	(for 32-bit Windows) (for 64-bit Windows)
Linux	x86, x86_64 Itanium, x86_64	(for 32-bit Linux) (for 64-bit Linux)
Sun Solaris	SPARC x86, x86_64	(for Solaris 10 Disk Agent and Media Agent only)
OpenVMS	Alpha, Itanium	
Mac OS X	x86_64	(Mac OS X 10.6.x)

For the following integration matrix, only those combinations of applications and operating systems are supported that are supported by the respective vendors. Software based encryption is supported for all integrations except ZDB⁷

Table 5: Supported online database and application integrations

Supported online database and application integrations		
Databases/Applications	Supported versions	Operating System with versions
Autonomy LiveVault ¹⁰	<ul style="list-style-type: none"> Autonomy LiveVault 7.52 and newer 	Windows Server 2003 (32-bit) Windows Server 2003 (64-bit) (x64) Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit)(x64) Windows Server 2008 Core (32bit) Windows Server 2008 Core (64-bit) (x64) Windows Server 2008 R2 Core (64-bit) (x64)
Autonomy Connector Framework Server (IDOL)	<ul style="list-style-type: none"> Autonomy Connector Framework Server 7.6 and newer 	Windows Server 2003 (32-bit) Windows Server 2008 R2 (64-bit) Windows Server 2012 (64-bit) (x64)
Oracle (32-bit) (including Oracle Data Guard/Standby Database support)	<ul style="list-style-type: none"> Oracle 11g/ Recovery Manager¹: Oracle 11g R2/ Recovery Manager¹: 	Windows Server 2003 (32-bit) Windows Server 2008 (32-bit) RHEL Advanced Server ² 5.x (32-bit) SLES 10, 11 (32-bit) Oracle Linux (OL) 5.x (32-bit) RHEL Advanced Server ² , 5.x (32-bit) SLES 10, 11 (32-bit) Oracle Linux (OL) 5.x (32-bit) Windows Server 2003 (32-bit) Windows Server 2008 (32-bit)
Oracle (64-bit) (Including Oracle Data Guard/Standby Database support)	<ul style="list-style-type: none"> Oracle 10g R2/ Recovery Manager¹: Oracle 11g/ Recovery Manager¹: Oracle 11g R2/ Recovery Manager¹: 	HP-UX 11.31 (64-bit) (Itanium) Solaris (SPARC) 10 (64-bit) Windows Server 2008 (64-bit) (x64) SLES 9, 10, 11 (64-bit) (x64) HP-UX 11.23, 11.31 (64-bit) (Itanium, PA-RISC) Solaris (SPARC) 9, 10,11 (64-bit) Windows Server 2003 (64-bit) (Itanium, x64) Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) AIX, 6.x (64-bit) RHEL Advanced Server ² 5.x, 6.0, 6.1, 6.2, 6.3 (64-bit) (x64) SLES 10, 11 (64-bit) (x64) Oracle Linux (OL) 5.x, 6.0, 6.1, 6.2, 6.3 (64-bit) (x64) HP-UX 11.31 (64-bit) (Itanium, PA-RISC) RHEL Advanced Server ² 5.x, 6.0, 6.1, 6.2, 6.3, 6.4 (64-bit) (x64) SLES 10, 11 (64-bit) (x64)

	<ul style="list-style-type: none"> • Oracle 12c R1/ Recovery Manager¹⁴: 	<p>Oracle Linux (OL) 5.x, 6.0, 6.1, 6.2, 6.3, 6.4 (64-bit)(x64)</p> <p>CentOS 6.4 (64-bit)(x64)</p> <p>Windows Server 2003 (64-bit) (x64)</p> <p>Windows Server 2008 (64-bit) (x64)</p> <p>Windows Server 2008 R2 (64-bit) (x64)</p> <p>AIX 6.x, 7.1 (64-bit)</p> <p>Solaris (SPARC) 10, 11 (64-bit)</p> <p>Windows Server 2008 (64-bit) (x64)</p> <p>Windows Server 2008 R2 (64-bit) (x64)</p> <p>Windows Server 2012 (64-bit) (x64)</p> <p>Windows Server 2012 R2 (64-bit) (x64)</p> <p>RHEL 6.x, 7.x (64-bit)(x64) (with or without HPE)</p>
	ServiceGuard cluster)	<p>SLES 11, 12 (64-bit) (x64)</p> <p>Oracle Linux (OL) 6.x, 7.x (64-bit)(x64)</p> <p>CentOS 6.x, 7.x (64-bit)(x64)</p> <p>AIX 6.1, 7.1 (64-bit)</p> <p>HP-UX 11.31 (64-bit) (Itanium)</p> <p>Solaris (SPARC) 11 (64-bit)</p>
Informix (64-bit)	<ul style="list-style-type: none"> • Informix IDS 11.5: • Informix IDS 11.7: • Informix IDS 12.1: 	<p>HP-UX 11.11</p> <p>HP-UX 11.23, 11.31 (Itanium, PA-RISC)</p> <p>Solaris (SPARC) 9, 10</p> <p>AIX, 6.x, 7.1</p> <p>RHEL Advanced Server² 5.x (x64)</p> <p>SLES 10, 11 (x64)</p> <p>Windows Server 2003 (x64)</p> <p>HP-UX 11.31(Itanium, PA-RISC)</p> <p>Solaris (SPARC) 10, 11</p> <p>RHEL Advanced Server² 6.0, 6.1, 6.2, 6.3 (x64)</p> <p>SLES 11 (x64)</p> <p>Windows Server 2008 R2 (x64)</p> <p>AIX 6.1, 7.1 (64-bit)</p> <p>HP-UX 11.31 (64-bit) (Itanium)</p>
Sybase (64-bit)	<ul style="list-style-type: none"> • Sybase Adaptive Server Enterprise 15.x: • Sybase Adaptive Server Enterprise 15.7: • Sybase Adaptive Server Enterprise 16: 	<p>HP-UX 11.23, 11.31 (Itanium, PA-RISC)</p> <p>Solaris (SPARC) 9, 10</p> <p>RHEL Advanced Server² 5.x (x64)</p> <p>AIX, 6.x</p> <p>HP-UX 11.31 (Itanium)</p> <p>RHEL Advanced Server² 6.0, 6.1, 6.2, 6.3, 6.4, 6.5 (x64)</p> <p>SLES 11 (x64)</p> <p>Solaris (SPARC) 10</p> <p>AIX 7.1</p> <p>Windows Server 2003 R2</p> <p>Windows Server 2008 R2 (x64)</p> <p>SLES 11 (x64)</p>
Microsoft SQL Server (32-bit)	<ul style="list-style-type: none"> • Microsoft SQL Server 2005⁷: • Microsoft SQL Server 2008^{7,13}: • Microsoft SQL Server 2008 R2^{7,11,13}: • Microsoft SQL Server 2012^{7,13}: 	<p>Windows Server 2003</p> <p>Windows Server 2008</p> <p>Windows Server 2003</p> <p>Windows Server 2008</p> <p>Windows Server 2003</p> <p>Windows Server 2008</p> <p>Windows Server 2008</p>
Microsoft SQL Server (64-bit)	<ul style="list-style-type: none"> • Microsoft SQL Server 2005⁷: • Microsoft SQL Server 2008^{7,13}: • Microsoft SQL Server 2008 R2^{7,11,13}: 	<p>Windows Server 2003 (Itanium, x64)</p> <p>Windows Server 2008 (Itanium, x64)</p> <p>Windows Server 2003 (Itanium, x64)</p> <p>Windows Server 2008 (Itanium, x64)</p> <p>Windows Server 2008 R2 (Itanium, x64)</p> <p>Windows Server 2003 (Itanium, x64)</p> <p>Windows Server 2008 (Itanium, x64)</p> <p>Windows Server 2008 R2 (Itanium, x64)</p> <p>Windows Server 2012</p>

	<ul style="list-style-type: none"> • Microsoft SQL Server 2012^{7,13}: • Microsoft SQL Server 2014^{7,13} 	<p>Windows Server 2012 R2 (x64) Windows Small Business Server 2011 (x64) Windows Server 2008 (x64) Windows Server 2008 R2 (x64) Windows Server 2012 (x64) Windows Server 2012 R2 (x64)</p> <p>Windows Server 2008 R2 (x64) Windows Server 2012 (x64) Windows Server 2012 R2 (x64)</p>
Microsoft SharePoint	<ul style="list-style-type: none"> • Microsoft Office SharePoint Server 2007: ³ • Microsoft SharePoint Server 2010: ³ • Microsoft SharePoint Server 2013: ³ • Windows SharePoint Services 3.0: • Microsoft SharePoint Foundation 2010: • Microsoft SharePoint Foundation 2013: ³ 	<p>Windows Server 2003 (32-bit) Windows Server 2003 (64-bit) (x64) Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) (x64) Windows Server 2008 (64-bit) (x64)</p> <p>Windows Server 2008 R2 (64-bit) (x64) ⁸ Windows Server 2008 R2 (SP1) (x64) Windows Server 2008 R2 (64-bit) (x64) ⁸</p> <p>Windows Server 2003 (32-bit) Windows Server 2003 (64-bit) (x64) Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) (x64)</p> <p>Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) Windows Server 2008 R2 (SP1) (x64) Windows Server 2012 (x64)</p>
Microsoft Exchange Server (including single mailbox and single folder restore)	<ul style="list-style-type: none"> • Microsoft Exchange Server 2007: 	<p>Windows Server 2003 (64-bit) (x64) Windows Server 2008 (64-bit) (x64)</p>
Microsoft Exchange Server (including single mailbox and folder and DAG ¹⁵ backup / restore)	<ul style="list-style-type: none"> • Microsoft Exchange Server 2010 • Microsoft Exchange Server 2010 • Microsoft Exchange Server 2013 ^{9,12} • Microsoft Exchange Server 2013 SP1 ^{9,12} • Microsoft Exchange Server 2016 ^{9,12} 	<p>Windows Server 2008 (64-bit) (x64) ⁹ Windows Server 2008 R2 (64-bit) (x64) ⁹ Windows Server 2012 ⁹ Windows Small Business Server 2011 (64-bit) (x64)</p> <p>Windows Server 2008 R2 (64-bit) (x64) Windows Server 2012 (64-bit) (x64)</p> <p>Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2012 (x64) Windows Server 2012 R2 (x64)</p>
Microsoft Data Protection Manager (DPM)	<ul style="list-style-type: none"> • Data Protection Manager 2007: • Data Protection Manager 2010: 	<p>Windows Server 2003 (x64) Windows Server 2003 (x64) Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64)</p>
IBM DB2 (32-bit)	<ul style="list-style-type: none"> • IBM DB2 9.1 • IBM DB2 9.5 • IBM DB2 9.7 	<p>RHEL Advanced Server² 5.x (32-bit) SLES 9, 10, 11 (32-bit) Windows Server 2003 (32-bit) AIX 6.x (32-bit)</p> <p>RHEL Advanced Server² 5.x (32-bit) SLES 10, 11 (32-bit) Windows Server 2003 (32-bit) Windows Server 2008 (32-bit) AIX 6.x (32-bit, 64-bit)</p> <p>RHEL Advanced Server² 5.x, 6.0 (32-bit) SLES 10, 11 (32-bit) Windows Server 2003 (32-bit) Windows Server 2008 (32-bit) AIX 6.x (32-bit)</p>
IBM DB2 (64-bit)	<ul style="list-style-type: none"> • IBM DB2 9.1 	<p>HP-UX 11.11 HP-UX 11.23, 11.31 (Itanium, PA-RISC) AIX 6.x SLES 9, 10, 11 (x64)</p>

	<ul style="list-style-type: none"> • IBM DB2 9.5 • IBM DB2 9.7 • IBM DB2 10.1: • IBM DB2 10.5: 	<p>Windows Server 2003 (x64) HP-UX 11.23, 11.31 (Itanium) AIX 6.x (64-bit) RHEL Advanced Server² 5.x (x64) SLES 10, 11 (x64) Windows Server 2003 (x64) Windows Server 2008 (x64) Windows Server 2008 R2 (x64) HP-UX 11.23, 11.31 (Itanium) AIX 6.x, 7.1 (64-bit) RHEL Advanced Server² 5.x, 6.0 (x64) SLES 10, 11 (x64) Windows Server 2003 (x64) Windows Server 2008 (x64) Windows Server 2008 R2 (x64) HP-UX 11.31 (Itanium) AIX 7.1 (64-bit) RHEL Advanced Server 6.0, 6.1, 6.2, 6.3, 6.4 (64-bit) (x64) SLES 10, 11 (64-bit) (x64) Windows Server 2008 R2 (64-bit)(x64) HP-UX 11.31 (Itanium) AIX 7.1 (64-bit) RHEL Advanced Server 6.0, 6.1, 6.2, 6.3, 6.4 (64-bit) (x64) SLES 10, 11 (64-bit) (x64) Windows Server 2008 R2 (64-bit)(x64)</p>
Lotus Notes, Lotus Domino (32-bit) (including single mailbox backup and restore)	<ul style="list-style-type: none"> • Lotus Domino/Notes 8.5.x (x64) 	<p>Windows Server 2003 (32-bit) Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) AIX 6.x (64-bit) Solaris 10 (SPARC) RHEL Advanced Server² 5.x (32-bit) RHEL Advanced Server² 5.x, 6.0, 6.1, 6.2 (64-bit) SLES 10 (64-bit) (x64)</p>
Lotus Notes, Lotus Domino (64-bit) (including single mailbox backup and restore)	<ul style="list-style-type: none"> • Lotus Domino/Notes 8.5.x • IBM Notes and Domino 9.0.x 	<p>Windows Server 2003 (x64) Windows Server 2008 (x64) Windows Server 2008 R2 (x64) AIX 6.x, 7.1 (64-bit) Solaris 10, 11 (SPARC) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) AIX 6.x, 7.1 (64-bit) RHEL Advanced Server 6.x (64-bit) (x64) SLES 11 (64-bit) (x64)</p>
SAP MaxDB (32-bit) (online integration based on 'Backint for SAP MaxDB')	<ul style="list-style-type: none"> • SAP MaxDB version 7.6: • SAP MaxDB version 7.7: • SAP MaxDB version 7.8: 	<p>HP-UX 11.11 (32-bit) Windows Server 2003 (32-bit) SLES 9, 10 (32-bit) RHEL Advanced Server² 4.x, 5.x (32-bit) HP-UX 11.11 (32-bit) Windows Server 2003 (32-bit) SLES 9, 10 (32-bit) RHEL Advanced Server² 4.x, 5.x (32-bit) Windows Server 2008 (32bit)</p>
SAP MaxDB (64-bit) (online integration based on 'Backint for SAP MaxDB')	<ul style="list-style-type: none"> • SAP MaxDB version 7.6: • SAP MaxDB version 7.7: 	<p>HP-UX 11.11 HP-UX 11.23, 11.31 (PA-RISC, Itanium) Windows Server 2003 (Itanium, x64) SLES 9, 10 (Itanium, x64) RHEL Advanced Server² 5.x (Itanium, x64) AIX 6.1 (x64) HP-UX 11.11 HP-UX 11.23, 11.31 (PA-RISC, Itanium) Windows Server 2003 (Itanium, x64)</p>

	<ul style="list-style-type: none"> • SAP MaxDB version 7.8: • SAP MaxDB version 7.9 	<p>Windows Server 2008 (Itanium, x64) SLES 9, 10, 11 (Itanium, x64) RHEL Advanced Server ² 5.x (x64) AIX 6.1, 7.1</p> <p>Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) RHEL Advanced Server 6.0, 6.1, 6.2, 6.3 (x64) SLES 11 (64-bit) (x64) HP-UX 11. 31 (Itanium) AIX 6.1, 7.1(64bit)</p> <p>Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) RHEL Advanced Server 6.x (x64) SLES 11 (64-bit) (x64) HP-UX 11. 31 (Itanium) AIX 6.1, 7.1(64bit)</p>
SAP NetWeaver ⁴ (32-bit)	<ul style="list-style-type: none"> • SAP BR*Tools 7.2, using backint or RMAN mode: 	RHEL Advanced Server ² 5.x, 6.0, 6.1, 6.2 SLES 11
SAP NetWeaver ⁴ (64-bit)	<ul style="list-style-type: none"> • SAP BR*Tools 7.2, using backint or RMAN mode: ⁶ 	<p>HP-UX 11.31 (Itanium, PA-RISC) Windows Server 2003 (Itanium, x64) Windows Server 2008 (x64) Windows Server 2008 R2 (x64) Solaris (SPARC) 9, 10, 11 AIX 6.x, 7.1 RHEL Advanced Server² 5.x (Itanium, x64) RHEL Advanced Server² 6.0, 6.1, 6.2, 6.3 (x64) SLES 11 (Itanium, x64) Oracle Linux (OL) 6.0, 6.1, 6.2, 6.3 (x64)</p>
SAP HANA (64-bit)	<ul style="list-style-type: none"> • SAP HANA (SPS 8 or earlier) 	SLES 11 (64-bit) (x64)
Baan IV ⁵	<ul style="list-style-type: none"> • Baan IV on Oracle, Informix, Microsoft SQL Server and Sybase (see versions above) 	

- 1 Oracle 11g and 11g R2 covers all released versions of Oracle 11g and 11g R2: i.e. 11x.x.
- 2 Includes support for Red Hat Enterprise Linux Advanced Workstation and Enterprise Server also.
- 3 Sharepoint Granular Recovery Extension is also supported.
- 4 Data Protector uses the official SAP backup and restore API (BR*Tools), which is available only in conjunction with Oracle database. Therefore, Data Protector support only depends on the SAP BR*Tools version (as supported by SAP in combination with various SAP kernels) and not on the SAP kernel version.
- 5 Baan users with Oracle, Informix, Microsoft SQL Server or Sybase databases can back up their application data by following the instructions for integrating Data Protector with their database in the *HPE Data Protector 8.10 Integration Guide*.
- 6 BR*Tools 7.20 is the recommended version of the tools for Oracle 11g. To be able to use BR*Tools under Oracle 11g on Unix platforms (except for AIX), you must set up the following soft link in \$ORACLE_HOME/lib:
> ln -s libnzz11.so libnzz10.so
- 7 For MS SQL integration fast direct mode backup, Data Protector client based AES encryption is not supported.
- 8 Microsoft FAST Search Server 2010 for SharePoint is supported.
- 9 Microsoft Exchange Server Granular Recovery Extension is also supported.
- 10 The Autonomy LiveVault Agent supports only Windows File System backup.
- 11 Support is also available for Microsoft SQL Server 2008 R2 Express edition. Please refer to Microsoft websites for supported Operating Systems/Platforms.
- 12 Backup and restore of single mailbox, folder and DAG are supported through MS Exchange Granular Recovery Extension.
- 13 HP Data Protector can backup and restore SQL Server databases encrypted with Transparent Data Encryption.
IMPORTANT NOTE: It is the user's responsibility that the exact combination of encryption keys / certificates are used for backup and for restore.
If encryption keys / certificates change between the time of backup and restore, the HP Data Protector restore will not work, unless all needed keys / certificates were copied and restored manually as described in <http://msdn.microsoft.com/en-us/library/bb964742.aspx> and supported through Microsoft. This process is complex and could be error prone. The key / certificate handling process is manual and not integrated into HPE Data Protector and is therefore not supported by HPE in case it is not correctly applied by the user.
- 14 Backup & Recovery of Container and Pluggable Databases (CDB & PDB) are not supported.
- 15 Microsoft Exchange Server DAG configured without a Cluster Administrator Access Point is supported with Round Robin DNS mapping of DAG name to all the node IPs.

Table 6: Other supported applications

Other supported applications	
Application agents	Supported databases and integrations
All HSM software based on the Windows NTFS offline feature	<ul style="list-style-type: none"> Windows Server 2003 and higher

Cluster support: Cell Manager is only supported on clusters as indicated in the following table. All other supported Data Protector components for a particular platform are also supported in a cluster environment, unless specifically mentioned in the following table.

Table 7: Supported clusters

Supported clusters ^{7,9}	
Cluster software	Supported cluster software version
HPE MC/ServiceGuard (including Veritas CFS)	<ul style="list-style-type: none"> HPE MC/ServiceGuard 11.1x: HP-UX 11.11 HPE MC/ServiceGuard 11.1x: HP-UX 11.23, 11.31 (PA-RISC, Itanium) HPE MC/ServiceGuard 11.2x: ¹ HP-UX 11.31 (PA-RISC, Itanium) HPE MC/ServiceGuard 12.00.x for Linux ⁸ HPE MC/ServiceGuard for Linux: ^{2, 6} RHEL 5.x, 6.x HPE MC/ServiceGuard for Linux:^{2, 6} SLES 9, 10, 11
Microsoft Cluster Server	<ul style="list-style-type: none"> Microsoft Cluster Server⁴: Windows Server 2003 (32-bit) Windows Server 2003 (64-bit) (Itanium) Windows Server 2003 (64-bit) (x64) Microsoft Failover Cluster⁴: Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) (Itanium) Windows Server 2008 (64-bit) (x64) Windows Server 2008 R2 (64-bit) (x64) Windows Server 2012⁵ (64-bit) (x64) Windows Server 2012 R2 (64-bit) (x64)
Veritas Cluster Server	<ul style="list-style-type: none"> Veritas Cluster Server 5.0: (Cell Manager, Disk Agent, Oracle) Solaris 10 (SPARC) HP-UX 11.23 (Itanium, PA-RISC) HP-UX 11.31 (Itanium) Veritas Cluster Server 5.1: (Disk Agent and Cell Manager) Windows 2008 (32bit) Windows 2008 R2 (64bit)(x64) HP-UX 11.31 (Itanium) RHEL 5.x, 6.0, 6.3 (x64) SLES 11 (x64)
EFS Clustered Gateway	<ul style="list-style-type: none"> EFS Clustered Gateway (Disk Agent, Media Agent) SLES 9,10 Windows Server 2003

- 1 For HPE MC/ServiceGuard 11.20, cluster wide device special files (cDSFs) are supported..
- 2 Procedures for installing and configuring Data Protector on MC/ServiceGuard with Linux are available in the *HPE Data Protector Help*. Zero Downtime Backup with SMIS Agent is not supported.
- 3 Details for installing and configuring Data Protector in OpenVMS cluster environment are available in *HPE Data Protector 8.10 Installation and Licensing Guide*.
- 4 Includes support for Cell Manager on 'Majority Node Cluster'.
- 5 Cell Manager is not supported
- 6 With HPE MC/ServiceGuard A.11.20.20 on Linux the CONFIGURATION backup needs to be excluded from the backup specification. BMDR is not supported.
- 7 Data Protector supports clustering provided through native operating system as long as OS support is listed in this document for the specific Data Protector component
- 8 Supported only with RHEL 6.x.
- 9 StoreOnceSoftware Agent is not supported in cluster environment.

Table 8: Supported application clusters

Supported application clusters	
Software clusters and clustered applications	Supported versions and operating systems
Novell GroupWise	<ul style="list-style-type: none"> Novell GroupWise 7.0.x Novell GroupWise 8.0 <p>Novell OES 2.0 for Linux 32-bit and 64-bit Novell OES 2.0 for Linux 32-bit and 64-bit Novell OES 11 for Linux 64-bit</p>
Oracle 11g RAC (including OCFS and CRS wherever applicable)	<ul style="list-style-type: none"> RHEL 5.x (using Redhat Cluster Suite) SLES 9, 10, 11 HP-UX 11.23, HP-UX 11.31 (with or without MC/ServiceGuard) Windows Server 2003 (using Microsoft Cluster Server) Windows Server 2003 (using Veritas Cluster Server) Windows Server 2008 (using Microsoft Failover Cluster) Windows Server 2008 R2 (using Microsoft Failover Cluster) Windows Server 2008 (using Veritas Cluster Server) Windows Server 2008 R2 (using Veritas Cluster Server) Solaris (SPARC) 9, 10 AIX 6.x Oracle Linux (OL) 5.x
Oracle 11g R2 RAC (including OCFS and CRS wherever applicable)	<ul style="list-style-type: none"> HP-UX 11.31 (with or without MC/ServiceGuard) RHEL 5.x, 6.3 (using Redhat Cluster Suite) SLES 10, 11 (32bit) (x86), (64bit) (x64) Oracle Linux (OL) 5.x, 6.3 (64-bit) AIX 6.x, 7.1 (64-bit) Windows Server 2003 (using Microsoft Cluster Server) Windows Server 2008 (using Microsoft Failover Cluster) Windows Server 2008 R2 (using Microsoft Failover Cluster) Solaris (SPARC) 10, 11 (64-bit)
Oracle 12c R1 ² RAC (including OCFS and CRS wherever applicable)	<ul style="list-style-type: none"> SLES 11 (x64) RHEL 6.x, 7.x (x64) (using Redhat Cluster Suite) Oracle Linux (OL) 7.x (x64) HP-UX 11.31 (Itanium) (with MC/ServiceGuard) Solaris (SPARC) 11 (64-bit)
IBM DB2 Partitioned Database ¹	<ul style="list-style-type: none"> HP-UX 11.23, 11.31 (Itanium) AIX 6.x, 7.1 (64-bit) RHEL Advanced Server2 5.x (64-bit) (x64) SLES 10, 11(64-bit) (x64) Windows Server 2003 (x64) Windows Server 2008 (64-bit)(x64) Windows Server 2008 R2 (64-bit)(x64)
Lotus Domino 8.5 Cluster	<ul style="list-style-type: none"> Windows 2008 (32-bit)

¹ DB2 partitioned databases support is currently limited to single host partitions.

² Backup & Recovery of Container and Pluggable Databases (CDB and PDB) are not supported

Table 9: Supported file systems

Supported file systems	
Operating system	File systems
Windows XP Professional, Windows Server 2003 ¹	<ul style="list-style-type: none"> NTFS 3.1 (including disk image backup of MBR disks only) FAT16, FAT32 CIFS
Windows Vista / Windows Server 2008	<ul style="list-style-type: none"> NTFS 3.1(including disk image backup) FAT16, FAT32 CIFS

Windows 7 / Windows Server 2008 R2	<ul style="list-style-type: none"> • NTFS 3.1(including disk image backup) • FAT16, FAT32 • CIFS
Windows 8 / Windows Server 2012	<ul style="list-style-type: none"> • NTFS 3.1(including disk image backup) • FAT32 • CIFS • REFS⁴
Novell Open Enterprise Server	<ul style="list-style-type: none"> • NSS
HP-UX ¹	<ul style="list-style-type: none"> • HFS (including rawdisk backup) • NFS • LOFS ² (loopback file system) • VxFS (including rawdisk backup) • DCE DFS • EVFS (HP-UX 11.23 only as rawdisk backup) • NetApp Filer NFS
Solaris ¹	<ul style="list-style-type: none"> • UFS • NFS • PC FS (MS DOS compatible file system) • HSFS • VxFS • Tmp FS • LOFS ² (Loopback file system) • ZFS
IBM AIX ¹	<ul style="list-style-type: none"> • JFS (journaling file system) • JFS2 • GPFS • VxFS
SCO OpenServer ¹	<ul style="list-style-type: none"> • HTFS (High Throughput file system) • DTFS • S51K • S52K
Linux (Redhat, SUSE, Debian, Oracle Linux (OL), CentOS) ¹	<ul style="list-style-type: none"> • ext, ext2, ext3, ext4 • minix • xiafs • ReiserFS • VxFS • XFS ³ • VFAT • SFS • NFS • GFS • GFS2 • OCFS2 • GPFS • ACFS • IBRIX (Extended attribute) • NetApp Filer NFS
Open VMS	<ul style="list-style-type: none"> • ODS-2 • ODS-5
Mac OS X Server	<ul style="list-style-type: none"> • HFS+

¹ Raw disk backup is supported.

² Raw disk backup is not supported.

³ XFS is not supported on Red Hat Enterprise Linux, CentOS and OL. However, it is supported on RHEL 7.x.

⁴ Only raw disk backup is supported.

Table 10: ACL support

ACL support ¹	
Operating system	File system
Windows XP Professional	NTFS
Windows Server 2003	NTFS
Windows Vista	NTFS
Windows Server 2008	NTFS
Windows 7	NTFS
Windows Server 2008 R2	NTFS
Windows 8	NTFS
Windows Server 2012	NTFS
HP-UX	HFS
HP-UX	VxFS ²
OpenVMS	ODS-2, ODS-5
Solaris	UFS, VxFS (3.5), ZFS
Linux	XFS (SLES 9) ReiserFS (SLES 9) ext3
Mac OS X Server	HFS+

¹ The basic and extended ACL limits are based on the kernel or file system limits in the respective operating systems.

² For HP-UX 11i v1 (11.11) maximum supported ACLs are 16
For HP-UX 11i v2 and 11i v3 maximum supported ACLs are 1024