opentext™

Data Protector 24.4
Express Support Matrix

Version: 2.2
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Introduction

The combinations of Data Protector components operating systems and/or application versions are supported by Data Protector if the associated operating system and/or application versions are supported by their respective vendors.

Devices supported by Data Protector Express are listed in the Device_SupportMatrix document.

For Data Protector Express, EADR is available for Cell Managers. Supported configurations are listed in the DR_SupportMatrix document.

For information about specific Windows versions supported by Data Protector please refer to the Platform and Integration Support Matrix.

Quiescent state of MS File Systems and Applications within a VMware virtual machine is handled and supported by VMware Tools

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

What's New

What's New
1. Support of VDDK 8.0 U3

Table 1: Operating Systems

Supported operating systems	
Data Protector component	**Supported operating systems**
Cell Manager	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • RHEL, 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64)
Installation Server[20]	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64)
Manager-of-Managers (MoM)	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • RHEL[4] 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64)
Backup device server (Media Agent), including robotic control	• Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025 Core (x64) • Novell Open Enterprise Server 2015 for Linux (64-bit) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8, 9 (x64) • Oracle Linux (OL) 7, 8 (x64) • Fedora 26 (x64) • Astra Linux Common Edition 2.12.14 (x64) • Astra Linux Special Edition 1.6 U2 (x64) • openSUSE Leap 15 (x64) • HP-UX (Itanium) 11.31[1,2] • Sun Solaris (SPARC) 10, 11 • Sun Solaris 10, 11 (x64)
Backup device server (Media Agent), without robotic control	All the above and the following: • IBM AIX 7.1, 7.2, 7.3
Backup device server (Media Agent), including robotic control using LTO drive based encryption (AES-GCM)	• Windows Server 2008 R2, 2012, 2012 R2 (x64) • RHEL 7 (x64) • SLES 12 (x64) • CentOS 7 (x64) • Oracle Linux (OL) 7 (x64) • HP-UX (Itanium) 11.31[1,2]
Data Protector StoreOnce B2D Software Store	• Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • Windows Server 2019, 2022, 2025 Core (x64) • RHEL7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64) • openSUSE Leap 15 (x64)
Data Protector Deduplication Store[19]	• Windows Server 2016, 2019, 2022 (x64) • RHEL 7, 8 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64)

Supported operating systems	
Data Protector component	**Supported operating systems**
StoreOnce Application Source and Backup Server Deduplication using Catalyst[5,6]	• Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • Windows Server 2019, 2022, 2025 Core (x64) • RHEL 7, 8, 9 (x64) • SLES 12,15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64) • Fedora 26 (x64) • openSUSE Leap 15 (x64) • HP-UX (Itanium) 11.31[1,7] • Solaris (SPARC) 10, 11 • AIX 7.1, 7.2, 7.3 (64-bit)[8]
Dell Data Domain Boost Application Source and Backup Server Deduplication[9]	• Windows Server 2008 R2, 2012, 2012 R2[13], 2016, 2019, 2022, 2025 (x64) • Windows Server 2019, 2022, 2025 Core (x64) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64) • openSUSE Leap 15 (x64) • HP-UX (Itanium) 11.31[10] • AIX 7.1, 7.2, 7.3 (64-bit)[11] • Solaris (SPARC) 10, 11 (64-bit)[12]
Smart Cache Backup Server [12,13,14]	• Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 (x64) • Windows Server 2019, 2022 Core (x64) • RHEL 7 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64)
HPE Cloud Volumes Backup using Catalyst	• Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 (x64) • Windows Server 2019, 2022 Core (x64)
Cloud (AWS S3 and Amazon S3 compatible Ceph and Scality) Device [16]	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64) • Windows Server 2019, 2022 Core (x64) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64) • Fedora 26 (x64) • openSUSE Leap 15 (x64)
Cloud AWS S3 Glacier[16,3]	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64)
Cloud AWS S3 Deep Archive Glacier[16,3]	• Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64)
Cloud (Azure) Device	• Windows Server 2008 R2, 2012, 2012 R2, 2019, 2022, 2025 (x64) • Windows Server 2019, 2022 Core, 2025 (x64) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64) • CentOS 7, 8 (x64) • Rocky Linux 8 (x64) • Oracle Linux (OL) 7, 8 (x64) • Fedora 26 (x64) • openSUSE Leap 15 (x64)
Cloud (IBM) Device (Amazon S3 API compatible target)	• Windows Server 2016, 2019, 2022 (x64) • RHEL 7, 8, 9 (x64) • SLES 12, 15 (x64)

1   HP-UX 11.31 is HP-UX 11i version 3.0.
2   NIS+ is supported in a DNS environment.
3   Cloud devices AWS S3 Glacier and Deep Archive Glacier can be used only for Data Protector File system, MSSQL, and MS Exchange integration backups
4   Push installation not possible, need to be installed locally.
5   Supports StoreOnce software version 4.3 and earlier (CloudBank support from 3.18). For information on the StoreOnce Backup systems and features supported by this StoreOnce software version, see the *BURA Compatibility Matrix* available at www.hpe.com/storage/BURACompatibility.
6   StoreOnce system Catalyst version 3.16.x and later releases support replication over Fibre Channel (FC).
7   Backup to the Data Protector StoreOnce Software store is not supported.
8   Support for StoreOnce Catalyst version 4.3 and earlier over Fibre Channel (FC) with AIX platform requires to have dedicated ports for every StoreOnce node. For more information, see StoreOnce documentation.
9   Supported for DDOS versions 6.1 or later.
10   In addition to Data Domain Boost functionality, CIFS, NFS and VTL capabilities can be used with Data Protector. DDOS versions 6.1 or later are required for these additional capabilities.
11   Data Domain Boost devices configured on AIX using the Fibre Channel (FC) protocol supports only one Data Protector connection per SAN path or Data Domain end point. Due to this, AIX gateways using the Fibre Channel interface automatically get their 'Max. Number of Parallel connections per Gateway' parameter set to 1. Operations such as consolidation and replication need multiple connections per operation and will not succeed with this configuration. If additional SAN paths are added, then the AIX server's gateway settings should be modified to allow these operations to succeed.
12   Supports all NAS and SAN devices using CFS and NFS shares, and SAN devices using the local FS mount.
13   Device on Microsoft Azure StoreSimple is supported via Smart Cache device.
14   A Smart Cache device is not supported on a virtual node in a clustered environment.
16   H3C system hosted Catalyst stores version 3.16.x supports replication over Fibre Channel (FC).
18   Cloud devices AWS S3 Glacier and Deep Archive Glacier can be used only for Data Protector File system, MSSQL, and MS Exchange integration backups
19   Storage for the device can be provisioned from on-prem local disks or from the following public cloud providers AWS S3, Microsoft Azure, Google Cloud Platform
20   The following combinations are incompatible for remote installation:
   - RHEL 9(or later) or SLES 15(or later) Installation Server with RHEL 8(or below) and SLES 12 clients
   - RHEL 8(or below) and SLES 12 Installation server with Client Versions RHEL 9(or later) or SLES 15(or later)

Table 2: CLI Platforms and Localization

Supported CLI platforms and localization	
Operating system	**Supported local languages**
Windows	• English • French • Japanese • Simplified Chinese
HP-UX	• English • French • Japanese • Simplified Chinese
Solaris	• English
Linux	• English • French • Japanese • Simplified Chinese
IBM AIX	• English
Novell Open Enterprise Server	• English

Cluster support: Table 3 shows the cluster support for the Cell Manager component. All other agents are supported in a clustered environment on a particular platform, unless specifically called out in the table.

Table 3: Clusters

Supported clusters[4]		
Cluster software	**Supported cluster software version**	**Operating System with Version**
HPE Serviceguard (including Veritas CFS)	• HPE Serviceguard 12.60.x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.50.x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.40.x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)

	• HPE Serviceguard 12.30.x for Linux	RHEL 7 (x64) SLES 12 (x64)
	• HPE Serviceguard 12.00.x for Linux	RHEL 7 (x64), SLES 12 (x64)
	• HPE Serviceguard 11.2x for Linux [1, 3]	RHEL, 7 (x64)
Microsoft Cluster Server	• Microsoft Failover Cluster [2]	Windows Server 2012, 2012 R2, 2016, 2019, 2022, 2025 (x64)
Veritas (InfoScale) Cluster Server	• Veritas (InfoScale) Cluster Server 7.3[7] (Disk Agent and Cell Manager)	RHEL 7 (x64) SLES 12 (x64)
	• Veritas (InfoScale) Cluster Server 7.4[7] (Disk Agent and Cell Manager)	RHEL 7, 8 (x64) SLES 12, 15 (x64)

[1]   Procedures for installing and configuring Data Protector on Serviceguard with Linux are available in the *Data Protector Help*. Zero Downtime Backup with SMIS Agent is not supported.
[2]   Includes support for Cell Manager on 'Majority Node Cluster'.
[3]   With HPE Serviceguard A.11.20.20 on Linux the CONFIGURATION backup needs to be excluded from the backup specification. BMDR is not supported.
[4]   StoreOnceSoftware Agent is not supported in cluster environment
[5]   Importing a Reporting Server in a cell controlled by Cell Manager running on Serviceguard is not supported
[6]   Exporting a Cell Manager from a MoM server running on Serviceguard is not supported. The client cell manager needs to be manually reconfigured
[7]   For specific information about Veritas Infoscale's minor-minor versions and the minor versions/support packs of related operating systems, please refer to Veritas documentation.

Table 4: VMware vSphere support

VMware vSphere support[1,2,3,4,5,6,7,8,12,13]
VMware vSphere Server / VMware Virtual Server Appliance

VMware vSphere Server / VMware Virtual Server Appliance	7.0, 7.0 U1, 7.0 U2[14], 7.0 U3[9,10,11,14] 8.0[10,14], 8.0 U1[10,14], 8.0 U2[10,14], 8.0 U3[10,14]

[1]   Data Protector supports only the above mentioned VMware vSphere versions.
     The ESXi Servers supported by these VMware vSphere versions are supported as Data Protector Application clients.
[2]   For the respective ESX Server support, refer to the VMware Product Interoperability Matrix using the following link: https://partnerweb.vmware.com/comp_guide2/sim/interop_matrix.php.
[3]   Data Protector does not support free ESXi licenses.
[4]   Raw Disk Mappings is supported with VADP based backups in virtual mode but not supported in physical mode.
[5]   VMware VVol (Virtual Volumes) are supported for VMs that are hosted on 3PAR VVol only.
[6]   The Granular Recovery Extension (GRE) using the VCenter interface is compatible with VMware vSphere 7.0 to 7.0 U3
[7]   For Cached GRE using Smart Cache, mount proxy and backup server should be the same host (for NAS devices).
[8]   VMware VVol (Virtual Volumes) is not supported.
[9]   GRE with Smart Cache is not supported on Linux
[10]   HotAdd transport mode is not supported on SLES 15 and later service packs
[11]   For VMware GRE, use the following KB article that VMware recommends: https://kb.vmware.com/s/article/85632
[12]   Data Protector VMware "ATTACH DISK" feature can be used for GRE. This feature is only supported through CLI.
[13]   Data Protector VMware GRE VCenter plugin is not supported from vSphere 8.0 onwards.
[14]   The VMware GRE from the Home context of the Data Protector UI is supported. This is however not supported for Disk arrays

Table 5: Supported devices for cached granular recovery

Supported devices for cached granular recovery
Smart Cache (only full backups)
StoreOnce Backup System
Data Domain Boost
Data Protector Deduplication Store

Table 6: Data Protector Virtual Environment Protection Agent (VEPA)

Supported platforms for Data Protector and VMware VDDK component[1,2,3,4,5]	
VMware VDDK component	Supported backup / mount proxy operating systems
VDDK 8.0 U3	Windows Server 2022 Red Hat Enterprise Linux RHEL 9.1, 9.2, 9.3 (x64)[6,7] CentOS 9.0 (x64)[6,7] SUSE Linux Enterprise Server 15 SP5 (x64)[6,7]

1	Data Protector supports guest operating systems that are supported by the respective operating system vendor and are supported as a guest operating system by VMware.
2	GPT disks are supported for Backup and Restore.
3	Supports backup of SATA and NVMe disks.
4	The supported operating systems are based on guidance from VMWare
5	Supported partition type for GRE: Linux partition (ID 83), Linux LVM partition (ID 8E).
6	Linux mount proxies do not support granular recovery of ownership, ACLs, file attributes, and alternate data streams for files and folders in the Windows guest virtual machines.
7	

File System	Mount Proxy Operating System		
	RHEL 7.9, 8.1, 8.2, 8.6, 9.0, 9.1, 9.2, 9.3	CentOS 7.0, 9.0	SLES 12.5, 15.1, 15.5
ext2	✓	✓	✓
ext3	✓	✓	✓
ext4	✓	✓	✓
reiserfs	-	-	✓
xfs	✓	✓	✓
ntfs[6]	✓	✓	✓

Table 7: Data Protector Virtual Environment Agent platform support for H3C CAS

Data Protector Virtual Environment Agent platform support [1]		
Data Protector components	Platforms	Supported backup / mount proxy operating systems
Virtual Environment Agent	• H3C CAS 5.0(E0522 and E0526)	Windows Server 2012, 2012 R2 (x64) RHEL 7 (x64) SLES 12 (x64) Cent OS 7 (x64)
	• H3C CAS 5.0 (E0550, E0708, E0710)	Cent OS 7.5, 7.6, 7.8 (x64)

| 1 | Data Protector supports guest operating systems that are supported by the respective operating system vendor and are supported as a guest operating system by H3C CAS. |

Data Protector supports the following virtualization application-specific features, which enable VSS snapshots for instant recovery without an agent inside the VMs.

Table 8: HPE SimpliVity Storage Supported configurations - VMware

Supported configurations – HPE SimpliVity Storage [1]				
Hypervisor	Backup	Restore	Power On and Live Migrate	GRE
VMware 7.0, 7.0 U1, 7.0 U2, 7.0 U3	Supported	Supported	Supported	Supported

1. Supported HPE SimpliVity Storage version is 3.7.0 and above

Table 9: HPE 3PAR Supported configurations - VMware

Supported configurations [1,3,5]		
Hypervisor	Single-host Local Copy[2]	Remote Copy[2,4]
VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3, 8.0, 8.0 U1, 8.0 U2, 8.0 U3	ZDB +Restore	ZDB + Restore

For more information on supportability of 3PAR versions, refer the Data Protector Support Matrix HP3PAR_SupportMatrix available at https://docs.microfocus.com/?DP

1	VMware VVol (Virtual Volumes) is supported.
2	Virtual Machine restore from a snapshot, Cached GRE, Power On, and Live Migrate is supported.
3	IR is not supported.
4	Not supported on 3PAR 3.3.1
5	Only the FC Protocol and the RDM configuration are supported

Table 10: HPE Primera Supported configurations - VMware

HPE Primera Supported configurations – VMware[2,3]		
Hypervisor	Single-host Local Copy[1]	Remote Copy

VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3, 8.0, 8.0 U1, 8.0 U2, 8.0 U3	ZDB +Restore	ZDB + Restore

[1] Virtual Machine restore from a snapshot, Cached GRE, Power On and Live Migrate are supported.
[2] IR is not supported.
[3] Only the FC Protocol and the RDM configuration are supported

Table 11: HPE Alletra 9000 Supported configurations - VMware

HPE Alletra 9000 Supported configurations – VMware[2,3]		
Hypervisor	Single-host Local Copy[1]	Remote Copy
VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3, 8.0, 8.0 U1, 8.0 U2, 8.0 U3	ZDB +Restore	ZDB + Restore

[1] Virtual Machine restore from a snapshot, Cached GRE, Power On and Live Migrate are supported.
[2] IR is not supported.
[3] Only the FC Protocol and the RDM configuration are supported

Table 12: HPE GreenLake Supported configurations - VMware

HPE Alletra 9000 Supported configurations – VMware[2,3]		
Hypervisor	Single-host Local Copy[1]	Remote Copy
VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3, 8.0, 8.0 U1, 8.0 U2, 8.0 U3	ZDB +Restore	ZDB + Restore

[1] Virtual Machine restore from a snapshot, Cached GRE, Power On and Live Migrate are supported.
[2] IR is not supported.
[3] Only the FC Protocol and the RDM configuration are supported

Table 13: NetApp Supported configurations - VMware

Supported configurations [1,3,4]		
Hypervisor	Single-host Local Copy[2]	Remote Copy[2]
VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3	ZDB +Restore	ZDB + Restore

For more information on supportability of NetApp versions, refer the Data Protector Support Matrix NetApp_SupportMatrix available at https://docs.microfocus.com/?DP

[1] VMware VVol (Virtual Volumes) is not supported.
[2] Virtual Machine restore from a snapshot, Cached GRE, Power On and Live Migrate is supported.
[3] IR is not supported.
[4] Only the FC Protocol and the RDM configuration are supported

Table 14: Dell Unity Supported configurations - VMware

Supported configurations [1,3,4]		
Hypervisor	Single-host Local Copy[2]	Remote Copy[2]
VMware ESXi 7.0, 7.0 U1, 7.0 U2, 7.0 U3	ZDB +Restore	ZDB + Restore

For more information on supportability of NetApp versions, refer the Data Protector Support Matrix Dell SupportMatrix available at https://docs.microfocus.com/?DP

[1] VMware VVol (Virtual Volumes) is not supported.
[2] Virtual Machine restore from a snapshot, Cached GRE, Power On and Live Migrate is supported.
[3] IR is not supported.
[4] Only the FC Protocol and the RDM configuration are supported

Data Protector supports the following virtualization application-specific features, which enable VSS snapshots for instant recovery without an agent inside the VMs.

Table 15: Microsoft Hyper-V Virtualization application integration

Virtualization application integration support

Virtualization application (Microsoft Hyper-V Server)	Data Protector component	Supported application components
2012[1], 2012 R2[1], 2016[1,4], 2019[1,4], 2022[4]	Microsoft Volume Shadow Copy Integration	VSS based snapshots of VMs
2012[1,3], 2012 R2[1,3], 2016[1,3,4], 2019[1,2,3,4], 2022[2,3,4]	Virtual Environment Agent	VSS based snapshots of VMs (cluster aware)
2016[4], 2019[4], 2022[4]	Virtual Environment Agent	Hyper-V RCT[3] based snapshots of VMs

1   Instant recovery for Hyper-V VSS snapshots is done using the SMIS-A agent.
2   Restore to target storage path not supported due to known Microsoft Limitation
3   Scale-Out File Server with cluster storage volume recommended by Microsoft for SMB on Hyper V Cluster
4   The Microsoft Hyper-V GRE from the Home context of the Data Protector UI is supported.

Table 16: Supported configurations – H3C CAS

Supported configurations				
Integration	Backup	Restore	Power On and Live Migrate	GRE
H3C CAS 5.0[1,2]	Supported	Supported	Not Supported	Not Supported

1   Supported H3C CAS versions are E0522, E0526, E0550, E0708, E0710
2   E0550 and E0708 supports only the Cached method. E0522 and E0526 supports only Non-Cached method

Table 17: Supported configurations – Red Hat KVM

Supported configurations[1]				
Integration	Backup	Restore	Power On and Live Migrate	GRE
KVM 1.4.x	Supported	Supported	Not Supported	Not Supported

1   This is a scripted solution which processes data using Filesystem Backup and Restore

Table 18: Supported configurations – Nutanix vSphere

Supported configurations				
Integration	Backup	Restore	Power On and Live Migrate	GRE
Nutanix 5.10.1 LTS	Supported	Supported	Not Supported	Not Supported

Table 19: Supported configurations – Nutanix AHV

Supported configurations [1, 3]				
Integration	Backup	Restore	Power On and Live Migrate	GRE
Nutanix 5.10.3 LTS	Supported	Supported	Not Supported	Supported[2]

1.   This is a scripted solution (File-level, Image-level) which processes data using Filesystem/Raw-Image Backup and Restore.
2.   This is supported for virtual machines backed up using the File-level scripted solution
3.   Cell manager and backup proxy host must be Linux