opentext™

Data Protector 11.03
Platform and Integration Support Matrix

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Table of Contents

Introduction

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 2008 R2” include support for all editions of “Windows Server 2008 R2” including Windows Unified Data Storage Server, where applicable.

The supported operating system “Windows Server 2012” and “Windows Server 2012 R2” includes support for all editions of “Windows Server 2012” and “Windows Server 2012 R2” including Windows Unified Data Storage Server, where applicable.

The supported operating system “Windows Server 2016” includes support for all editions of “Windows Server 2016” including “Windows Server 2016 Datacenter”, “Windows Server 2016 Standard” and “Windows Server 2016 Essentials”, where applicable. Server Core and Nano Server installations are not supported unless explicitly mentioned.

The supported operating system “Windows Server 2019” includes support for all editions of “Windows Server 2019” including “Windows Server 2019 Datacenter”, “Windows Server 2019 Standard” and “Windows Server 20109 Essentials”, where applicable. Server Core installations are not supported unless explicitly mentioned.

The supported operating system “Windows Server 2022” includes support for all editions of “Windows Server 2022” including “Windows Server 2022 Datacenter”, “Windows Server 2022 Standard” and “Windows Server 2022 Essentials”, where applicable. Server Core installations are not supported unless explicitly mentioned.

The minimum patch levels for different Windows versions and editions that are supported by Data Protector are –

Operating System	Patch Level
Windows Server 2008 R2	Windows Server 2008 R2 SP1
Windows Server 2012 R2	Windows Server 2012 R2 (with Update 2919355)
Windows 10	Windows 10 version 1507 or higher

There is no minimum patch level for other supported Windows versions.

Acronyms used within the matrix are as follows:

SUSE Linux Enterprise Server - SLES

Red Hat Enterprise Linux – RHEL

Support for the major release of a Linux distribution automatically implies the support for subsequent service packs and minor releases. For example, support for SLES 15 implies the support for SLES 15 SP1 as well. Similarly, support for RHEL 8 implies the support for RHEL 8.1 and later minor releases.

In exceptional cases, there may be restrictions based on specific service packs or minor versions. They will be explicitly marked and will override the general support statement.

All references in this support matrix document to SUSE Linux Enterprise Server (SLES) includes/implies both SLES and SLES for SAP Applications.

All references in this support matrix document to Red Hat Enterprise Linux includes/implies both Workstation and Enterprise Server also.

The library libnsl.so.1 is a prerequisite to install Data Protector on RHEL 8 systems

In the case of Data Protector components running in combination with application versions and operating system versions which are not supported by their respective vendors, support from Opentext is limited to a reasonable-endeavors basis. At any time, Opentext can decide to remove those combinations from the DP support matrix.

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

What's New

What's New
1. Support of HPE Serviceguard 15.10 on RHEL 8, RHEL 9, SLES 12 and SLES 15
2. Support of HPE Serviceguard 12.8x on RHEL 8, RHEL 9, SLES 12 and SLES 15
3. Support of Oracle 19c RAC on OEL 8, 9
4. Support of Oracle 19c Database on OEL 9

Table 1: Feature-wise Operating System Support

Supported operating systems	
Data Protector component	**Supported operating systems**
Cell Manager	Windows Server 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) RHEL 7, 8, 9 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) Oracle Linux (OL) 7, 8 (x64) SLES 12, 15 (x64)
Installation Server	Windows Server 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) RHEL 7, 8, 9 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) Oracle Linux (OL) 7, 8 (x64) SLES 12, 15 (x64)
Manager-of-Managers (MoM)	Windows Server 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) Oracle Linux (OL) 7, 8 (x64) RHEL[4] 7, 8, 9 (x64) SLES 12, 15 (x64)
Reporting Server[23]	Windows Server 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) RHEL 7, 8, 9 (x64) Oracle Linux (OL) 7, 8 (x64) SLES 12, 15 (x64) Ubuntu 16.04 LTS versions
Backup device server (Media Agent), including robotic control	Windows Server 2008 R2, 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) Windows Server 2008 R2, 2012, 2012 R2 Core (x64) Windows Server 2016, 2019, 2022 Core (x64) Novell Open Enterprise Server 2015 for Linux (64-bit) HP-UX 11.31[1,2] (64-bit) (Itanium) Sun Solaris 10, 11 (64-bit) (SPARC) Sun Solaris 10, 11 (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8, 9 (x64) Fedora 26 (x64) Astra Linux Common Edition 2.12.14 (x64) Astra Linux Special Edition 1.6 U2 (x64)
Backup device server (Media Agent), without robotic control	All of the above and the following: IBM AIX 7.1, 7.2, 7.3 (64-bit)
Backup agents (Disk Agents)	Windows 10, 11 (x64) Windows Server 2008 R2, 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) Windows Server 2008 R2, 2012, 2012 R2 Core (x64) Windows Server 2016, 2019, 2022 Core (x64) Novell Open Enterprise Server 2015 for Linux (64-bit) Open Enterprise Server 2018 for Linux (64-bit) Open Enterprise Server 2023 for Linux (64-bit)[28] HP-UX 11.31[1,2] (64-bit) (Itanium) Sun Solaris 10, 11[6] (64-bit) (SPARC) Sun Solaris (x64) 10, 11[6]

	IBM AIX 7.1[7], 7.2, 7.3 (64-bit) OpenVMS[25] 8.3[4], 8.4[4] (Alpha) OpenVMS[25] 8.3[4], 8.3-1H1[4], 8.4[4] (Itanium) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) openSUSE Leap 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8, 9 (x64) Ubuntu 16.04, 18.04, 20.04[5] and 22.04[5] LTS versions Debian[3] 9, 10, 11, 12 (x64) EulerOS 2.x (aarch64) Fedora 26 (x64) SLES ES 7 (x64) SLES 12, 15 for POWER (Little Endian) RHEL 7, 8 on IBM Power (Little Endian) Astra Linux Common Edition 2.12.14 (x64) Astra Linux Special Edition 1.6 U2 (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 (FIPS mode)	Windows 10, 11 (x64) Windows Server 2008 R2, 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) Windows Server 2008 R2, 2012, 2012 R2 Core (x64) Windows Server 2016, 2019, 2022 Core (x64) HP-UX 11.31[1,2] (64-bit) (Itanium) Sun Solaris 10, 11[6] (64-bit) (SPARC) RHEL 7, 8, 9 (x64) SLES 12 (x64) SLES 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8, 9 (x64) Debian[3] 9, 10, 11 (x64) EulerOS 2.x (aarch64) SLES for POWER 12 (little endian mode) SLES ES 7 (x64) openSUSE Leap 15 (x64) Ubuntu 18.04 LTS version and 20.04[5] LTS versions Astra Linux Common Edition 2.12.14 (x64) Astra Linux Special Edition 1.6 U2 (x64)
Block based backup and recovery [8]	Windows Server 2012, 2012 R2, 2016, 2019, 2022 (x64)
Backup device server (Media Agent), including robotic control using LTO drive based encryption (AES-GCM)	Windows Server 2008 R2 (x64) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) HP-UX 11.31[1,2] (64-bit) (Itanium) RHEL 7 (x64) SLES 12 (x64) Oracle Linux (OL) 7 (x64) CentOS 7 (x64)
Data Protector StoreOnce B2D Software Store	Windows Server 2008 R2, 2012, 2012 R2 (x64), Windows Server 2016, 2019, 2022 (x64), Windows Server 2019, 2022 Core (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) openSUSE Leap 15 (x64)
Data Protector Deduplication Store[27]	Windows Server 2016, 2019, 2022 (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) CentOS 7, 8 (x64)

StoreOnce Application Source and Backup Server Deduplication using Catalyst[9,10,22,26]	Windows Server 2008 R2, 2012, 2012 R2 (x64), Windows Server 2016, 2019, 2022 (x64), Windows Server 2019 Core, 2022 (x64) HP-UX 11.31[1,11] (64-bit) (Itanium) Solaris 10, 11 (64-bit) (SPARC) AIX 7.1, 7.2, 7.3 (64-bit)[12] RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) Fedora 26 (x64) openSUSE Leap 15 (x64)
EMC Data Domain Boost Application Source and Backup Server Deduplication[13,26]	Windows Server 2008 R2, 2012, 2012 R2[14] (x64), Windows Server 2016, 2019, 2022 (x64), Windows Server 2019, 2022 Core (x64), HP-UX 11.31[14] (64-bit) (Itanium) AIX 7.1, 7.2, 7.3 (64-bit)[15] Solaris 10, 11 (64-bit) (SPARC) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) openSUSE Leap 15 (x64)
Smart Cache Backup Server [16,17,18]	Windows Server 2008 R2, 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64), Windows Server 2019, 2022 Core (x64), RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64)
Cloud (Amazon S3 API compatible target) as Ceph and Scality	Windows Server 2012, 2012 R2 (x64) Windows Server 2016, 2019, 2022 (x64) Windows Server 2019, 2022 Core (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 8 (x64) Fedora 26 (x64) openSUSE Leap 15 (x64)
Cloud AWS S3 Glacier[24]	Windows Server 2012, 2012 R2, 2016, 2019, 2022 (x64)
Cloud AWS S3 Glacier Deep Archive[24]	Windows Server 2012, 2012 R2, 2016, 2019, 2022 (x64)
Cloud (Azure) Device	Windows Server 2008 R2, 2012, 2012 R2, 2019 (x64) Windows Server 2016, 2019, 2022 (x64) Windows Server 2019, 2022 Core (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64) Oracle Linux (OL) 7, 8 (x64) CentOS 7, 8 (x64) Rocky Linux 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)
Cloud (Hitachi) Device (Amazon S3 API compatible target)	Windows Server 2016, 2019, 2022 (x64) RHEL 7, 8, 9 (x64) SLES 12, 15 (x64)
H3C Application Source and Backup Server Deduplication using Catalyst [19, 20]	Windows Server 2008 R2, 2012, 2012 R2 (x64) HP-UX 11.31[1] (64-bit) (Itanium) Solaris (SPARC) 10, 11 (64-bit) AIX 7.1 (64-bit)[21]

	RHEL 7 (x64) SLES 12 (x64) Oracle Linux (OL) 7 (x64) CentOS 7 (x64)

1 HP-UX 11.31 is HP-UX 11i version 3.0.
2 NIS+ is supported in a DNS environment.
3 rpm and bc packages to be installed for Disk Agent installation
4 Push installation not possible, need to be installed locally.
5 rpm and bc packages to be installed for Disk Agent installation
6 System Extended Attributes are not supported.
7 Includes support for Veritas Cross-Platform Data Sharing (CDS) disk.
8 The supported File system is NTFS. Supported backups are Full and Incremental
9 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.
10 StoreOnce system Catalyst version 3.16.x and later releases support replication over Fibre Channel (FC).
11 Backup to the Data Protector StoreOnce Software store is not supported.
12 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.
13 Supported for DDOS versions 6.1 or later.
14 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.
15 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.
16 Supports all NAS and SAN devices using CFS and NFS shares, and SAN devices using the local FS mount.
17 Device on Microsoft Azure StoreSimple is supported via Smart Cache device.
18 A Smart Cache device is not supported on a virtual node in a clustered environment.
19 H3C system hosted Catalyst stores version 3.16.x supports replication over Fibre Channel (FC).
20 Supports H3C software version 3.16.x, 3.15.x and 3.14.x. For information on the H3C Backup systems and features supported by this H3C software version, see the BURA Compatibility Matrix available at www.hpe.com/storage/BURACompatibility.
21 Support for H3C Catalyst version 3.16.x, 3.15.x and 3.14.x over Fibre Channel (FC) with AIX platform requires to have dedicated ports for every H3C node. For more information, see H3C documentation.
22 Supports HPE Cloud volumes
23 Reporting server can't be installed on Data Protector Cell Manager / Installation server / Client. It needs to be installed on a separate server
24 This Cloud devices can be used only for Data Protector File system, MSSQL, and MS Exchange integration backups
25 OpenVMS 8.4 releases from both HPE and VSI are supported
26 Support provided using client library v7.7.1.0
27 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
28 Supports both Local and Cluster NSS volumes

Table 2: Supported Cloud Storages

Supported Cloud Storages	
Data Protector Backup To Disk (B2D) components	**Supported Cloud Storages**
Cloud (Amazon S3 API compatible target) as Ceph and Scality	Amazon Simple Storage Service (S3) and S3-compatible Ceph and Scality instances
Cloud AWS S3 Glacier[1]	Amazon S3 Glacier
Cloud AWS S3 Glacier Deep Archive[1]	Amazon S3 Glacier Deep Archive
Cloud (Azure) Device	Microsoft Azure Blob
Data Protector Deduplication	Amazon Simple Storage Service (S3) Microsoft Azure Blob Google Cloud Storage Seagate Lyve Cloud IBM Cloud Hitachi Cloud

1 Supported targets must comply with Amazon Signature Version 4 requirements.

Table 3: Supported 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
OpenVMS	English
VMware ESX	English

Table 4: Graphical User Interface Support

Graphical user interface support[1]	
GUI component	**Supported operating system**
Native Windows graphical user interface	Windows 10, 11 (x64) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64)

1 Graphical user interface is supported for following languages:
- English
- French
- Japanese
- Simplified Chinese

Table 5: Platform Restrictions for Supported Operating Systems

Platform restrictions for supported operating systems		
Operating system	**Supported Processor**	**Platforms**
HP-UX	Itanium	(HP-UX 11.31)
Windows	x86_64	(for 64-bit Windows)
Linux	x86_64	(for 64-bit Linux)
	PowerPC (LE)	(for 64-bit Linux)
Sun Solaris	SPARC	
	x86_64	(for Solaris 10,11 Disk Agent and Media Agent only)
OpenVMS	Itanium	
	Alpha	

Table 6: Supported cloud native application integrations

Application name	Agent Platforms
Exchange Online (Microsoft 365)[1]	Windows Server 2016 (x64) Windows Server 2019 (x64)

1 Full and incremental backups are supported

The following table includes combinations of only those applications and operating systems that are supported by the respective vendors. Software-based encryption is supported for all integrations except ZDB[7].

Table 7: Supported online database and application integrations

Supported online database and application integrations		
Databases/Applications	**Supported versions**	**Operating System with versions**
Oracle (Including Oracle Data Guard /Standby Database support)	Oracle 12c R1 Recovery Manager[8]	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) RHEL 7 (x64) (with or without HPE Serviceguard) SLES 12 (x64) Oracle Linux (OL) 7 (x64) CentOS 7 (x64) AIX 7.1, 7.2 (64-bit) Solaris (SPARC) 10, 11 (64-bit) Solaris 10, 11 (x64)
	Oracle 12c R2 Recovery Manager[8]	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) RHEL 7 (x64) (with or without HPE Serviceguard) SLES 12 (x64) SLES 15 (x64) Oracle Linux (OL) 7 (x64) CentOS 7 (x64) AIX 7.1, 7.2 (64-bit) Solaris (SPARC) 11 (64-bit) Solaris 11 (x64)
	Oracle 18c Recovery Manager[8]	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) RHEL 7, 8 (x64) Oracle Linux (OL) 7 (x64) SLES 12, 15 (x64) Solaris (SPARC) 11 (64-bit) Solaris 11 (x64) AIX 7.1, 7.2 (64-bit)
	Oracle 19c Recovery Manager[8]	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) RHEL 7, 8 (x64) Oracle Linux (OL) 7, 8, 9 (x64) SLES 12, 15 (x64) AIX 7.1, 7.2 (64-bit) Oracle Solaris 11 on SPARC (64-bit)
	Oracle 21c Recovery Manager[8]	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) RHEL 7, 8 (x64) Oracle Linux (OL) 7, 8 (x64) SLES 12, 15 (x64)
Informix	Informix IDS 12.1	HP-UX 11.31 (64-bit)(Itanium) RHEL 7 (x64) SLES 12 (x64) Solaris (SPARC) 11 (64-bit) AIX 7.1, 7.2 (64-bit)
	Informix IDS 14.10	Windows Server 2012, 2012 R2, 2016, 2019 (x64) RHEL 7, 8 (x64) SLES 12,15 (x64) AIX 7.2 (64-bit)

Sybase	Sybase Adaptive Server Enterprise 15.7	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 R2 (x64) SLES 12 (x64) Solaris (SPARC) 10, 11 AIX 7.1(64-bit)
	Sybase Adaptive Server Enterprise 16	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8 (x64) SLES 12, 15 (x64) Solaris (SPARC) 10, 11 AIX 7.1, 7.2 (64-bit)
Microsoft SQL Server	Microsoft SQL Server 2014[7,11]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)[2] Windows Server 2016 (x64)[2]
	Microsoft SQL Server 2016[7,11]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)[2] Windows Server 2016 (x64)[2] Windows Server 2019 (x64)[2]
	Microsoft SQL Server 2017[7,11]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)[2] Windows Server 2016 (x64)[2] Windows Server 2019 (x64)[2]
	Microsoft SQL Server 2019[7,11]	Windows Server 2016 (x64)[2,14] Windows Server 2019 (x64)[2,14] Windows Server 2022 (x64)[2]
	Microsoft SQL Server 2022[7,11]	Windows Server 2016 (x64)[2,14] Windows Server 2019 (x64)[2,14] Windows Server 2022 (x64)[2]
Microsoft SQL Server Premium Edition	Microsoft SQL Server 2014[7,11]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64)
	Microsoft SQL Server 2016[7,11]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64)
Microsoft SharePoint[12]	Microsoft SharePoint Server 2013[3]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)
	Microsoft SharePoint Server 2016[3]	Windows Server 2016 (x64) Windows Server 2019 (x64)
	Microsoft SharePoint Server 2019[3]	Windows Server 2016 (x64) Windows Server 2019 (x64)
	Microsoft SharePoint Foundation 2013[3]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)
Microsoft Exchange Server (including single mailbox and folder and DAG[5] backup / restore)	Microsoft Exchange Server 2013[9,10]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64)
	Microsoft Exchange Server 2016[9,10]	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64)
	Microsoft Exchange Server 2019	Windows Server 2019 (x64)[9,10] Windows Server 2022 (x64)[9]
IBM DB2	IBM DB2 10.50	RHEL 7, 8, 9 (x64)
	IBM DB2 11.1	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8 (x64) SLES 12 (x64) AIX 7.2 (64-bit)
	IBM DB2 11.5	Windows Server 2016 (x64)

		Windows Server 2019 (x64) AIX 7.2 (64-bit) RHEL 7, 8 (x64) SLES 12, 15 (x64)
Lotus Notes, Lotus Domino (including single mailbox backup and restore)	IBM Notes and Domino 9.0.x	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) AIX 7.1, 7.2 (64-bit)
	HCL Domino 11.x	Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7 (x64) SLES 12 (x64)
	HCL Domino 12.x	Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8 (x64) SLES 12, 15 (x64)
SAP MaxDB (online integration based on 'Backint for SAP MaxDB')	SAP MaxDB version 7.9	HP-UX 11. 31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) RHEL 7, 8 (x64) SLES 12, 15 (x64) AIX 7.1, 7.2 (64-bit)
SAP NetWeaver[4]	SAP BR*Tools 7.2, using backint or RMAN mode	HP-UX 11.31 (64-bit) (Itanium) Solaris (SPARC) 10, 11(64-bit) AIX 7.1 (64-bit)
	SAP BR*Tools 7.4, using backint or RMAN mode	HP-UX 11.31 (64-bit) (Itanium) Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) SLES 12, 15 (x64) RHEL 7, 8 (x64) Solaris (SPARC) 11 (64-bit) AIX 7.1, 7.2, 7.3 (64-bit)
SAP HANA	SAP HANA 2.0[6,15] (Includes all SPS)	RHEL[2] 7, 8 (x64), SLES 12, 15 for POWER (Little Endian) SLES 12,15 (x64) RHEL 7, 8 on IBM Power (Little Endian)
MySQL	MySQL version 5.7 MEB 4.0	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) SLES 12 (x64) RHEL 7 (x64)
	MySQL version 5.7 MEB 4.1	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) SLES 12 (x64) RHEL 7 (x64) CentOS 7 (x64)
	MySQL version 8.0 MEB 8.0	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (x64) SLES 12, 15 (x64) RHEL 7, 8, 9 (x64)
PostgreSQL[13]	PostgreSQL version 9.6	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) RHEL 7 (x64) SLES 12 (x64)
	PostgreSQL version 10	Windows Server 2012 R2 (x64) Windows Server 2016, 2019 (x64) RHEL 7, 8 (x64) SLES 12 (x64) Rocky Linux 8
	PostgreSQL version 11	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8, 9 (x64) SLES 12,15 (x64)

		Rocky Linux 8, 9
	PostgreSQL version 12	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8, 9 (x64) SLES 12,15 (x64) Rocky Linux 8, 9
	PostgreSQL version 13	Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8, 9 (x64) SLES 12,15 (x64) Rocky Linux 8, 9
	PostgreSQL version 14	Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8, 9 (x64) SLES 12,15 (x64) Rocky Linux 8, 9
	PostgreSQL version 15	Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7, 8, 9 (x64) SLES 12,15 (x64) Rocky Linux 8, 9
PostgresPro[1]	PostgresPro version 11.5.x	RHEL 7 (x64) SLES 12, 15 (x64)
MongoDB[16,17]	MongoDB Enterprise 5.x	RHEL 8 SLES 15
	MongoDB Enterprise 6.x	RHEL 8 SLES 15
MongoDB[16,17]	MongoDB Community 5.x	RHEL 8 SLES 15
	MongoDB Community 6.x	RHEL 8 SLES 15

1 This a scripted solution, available from the ITOM marketplace (https://marketplace.microfocus.com/)
2 Availability Group configuration is supported with Microsoft SQL Server.
3 SharePoint Granular Recovery Extension is also supported. SharePoint 2016 & 2019 GRE with MS SQL AG is not 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 Microsoft Exchange Server DAG configured without a Cluster Administrator Access Point is supported only with Round Robin DNS mapping of the DAG name to all the node Ips
6 Single/Multiple Container and Multitenant Database Container are supported.
7 For MS SQL integration fast direct mode backup, Data Protector client based AES encryption is not supported.
8 Backup & Recovery of Container and Pluggable Databases (CDB & PDB) are supported.
9 Microsoft Exchange Server Granular Recovery Extension is also supported.
10 Backup and restore of single mailbox, folder, and DAG are supported only through MS Exchange Granular Recovery Extension.
11 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 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 Data Protector and is therefore not supported by Opentext in case it is not correctly applied by the user.
12 Microsoft SQL Server 2014 and 2016 (StandAlone and Always On Availability Group) is supported for Microsoft SharePoint 2013 and Microsoft SQL Server 2016 (StandAlone) is supported for Microsoft SharePoint 2016 and Microsoft SharePoint 2019
13 Standby server configuration is not supported
14 Backup and restore of Database Engine instances configured to use encrypted communications is supported
15 Backup and Restore are supported from the Data Protector GUI
16 Encrypted MongoDB environments are not supported
17 English-only MongoDB environments are supported

Table 8: Other supported applications

Other supported applications	
Application agents	**Supported databases and integrations**
All HSM software based on the Windows NTFS offline feature	• Windows Server 2012 and higher

Cluster support: Table 9 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 9: Supported clusters

Supported clusters[4]		
Cluster software	**Supported cluster software version**	**Operating System with Version**
HPE Serviceguard (including Veritas CFS)	• HPE Serviceguard 15.10 for Linux [5,6]	RHEL 8, 9 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 15.00 for Linux [5,6]	RHEL 8, 9 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.8x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.6x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.5x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.4x for Linux [5,6]	RHEL 7, 8 (x64), SLES 12, 15 (x64)
	• HPE Serviceguard 12.3x for Linux	RHEL 7 (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 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) Windows Server 2022 (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 10: Supported application clusters

Supported application clusters	
Software clusters and clustered applications	**Supported versions and Operating Systems**
Oracle[2] 12c R1 RAC (including OCFS and CRS wherever applicable)	Windows Server 2012 (x64) (using Microsoft Failover Cluster) Windows Server 2012 R2 (x64) Oracle Linux (OL) 7 (x64) RHEL 7 (x64) (using Redhat Cluster Suite and with or without MC/Serviceguard) HP-UX 11.31 (64-bit) (Itanium) (with or without MC/Serviceguard) Solaris (SPARC) 10,11 (64-bit) AIX 7.1 (64-bit)
Oracle[2] 12c R2 RAC (including OCFS and CRS wherever applicable)	Windows Server 2016 (x64) RHEL 7 (x64) (using Redhat Cluster Suite and with or without MC/Serviceguard) AIX 7.2 (64-bit)
Oracle[2] 18c RAC (including OCFS and CRS wherever applicable)	Windows Server 2012 (x64) Windows Server 2012 R2 (x64) Windows Server 2016 (x64) RHEL 7 (x64) SLES 12 (x64) Solaris (SPARC) 11 (64-bit)

Oracle[2] 19c RAC (including OCFS and CRS wherever applicable)	Windows Server 2012 R2 (x64) Windows Server 2016 (x64) Windows Server 2019 (x64) RHEL 7 (x64) Oracle Linux (OL) 7, 8, 9 (x64) HP-UX 11.31 (64-bit) (Itanium) SLES 12, 15 (x64) Oracle Solaris 11 on SPARC (64-bit)
IBM DB2 Partitioned Database[1]	HP-UX 11.31 (64-bit) (Itanium) AIX 7.1 (64-bit)

1 DB2 partitioned databases support is currently limited to single host partitions.
2 Backup & Recovery of Container and Pluggable Databases (CDB & PDB) are supported.

Table 11: Supported file systems

Supported file systems	
Operating system	**File systems**
Windows Server 2008 R2	NTFS 3.1(including disk image backup) FAT16, FAT32 CIFS
Windows 10 / Windows Server 2012 / Windows Server 2012 R2 / Windows Server 2016 / Windows Server 2019 / Windows Server 2022	NTFS 3.1(including disk image backup) FAT32 CIFS REFS
Novell Open Enterprise Server	NSS
HP-UX [1]	HFS (including rawdisk backup) NFS LOFS [2] (loopback file system) VxFS (including rawdisk backup) DCE DFS NetApp Filer NFS
Solaris[1]	UFS NFS PC FS (MS DOS compatible file system) HSFS VxFS Tmp FS LOFS [2] (Loopback file system) ZFS
IBM AIX[1]	JFS (journaling file system) JFS2 GPFS VxFS
Linux (Redhat, SUSE, Debian, Oracle Enterprise Linux, CentOS)[1,5]	ext, ext2, ext3, ext4 minix xiafs ReiserFS[4] VxFS XFS[3] VFAT SFS/LustreFS NFS GFS GFS2 OCFS2[4] GPFS ACFS IBRIX (Extended attribute) NetApp Filer NFS Btrfs
OpenVMS	ODS-2 ODS-5

1 Raw disk backup is supported.
2 Raw disk backup is not supported.
3 XFS is supported on RHEL 7, RHEL 8, SLES 12, 15 and CentOS 7, 8
4 SLES 12 is not supported.
5 Only ext3, ext4 and XFS are supported on SLES for POWER 12 (little endian mode)

Table 12: ACL support

ACL support[1]	
Operating system	**File system**
Windows Server 2008 R2	NTFS
Windows 10	NTFS
Windows Server 2012	NTFS
Windows Server 2016	NTFS
Windows Server 2019	NTFS
Windows Server 2022	NTFS
HP-UX	HFS, VxFS[2]
OpenVMS	ODS-2, ODS-5
Solaris	UFS, VxFS (3.5), ZFS
Linux	ext3, ext4, SFS/LustreFS, XFS[3]

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 v3 maximum supported ACLs are 1024.
3 Supported on RHEL 7, CentOS 7 and Oracle Linux 7