

# Veritas NetBackup™ 9.0 - 9.x.x Database and Application Agent Compatibility List

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# Introduction

This Software Compatibility List (SCL) document describes the supported database and application agents for Veritas NetBackup 9.0 through 9.x

For all other NetBackup compatibility lists, refer to <http://www.veritas.com/docs/000033647>

IPV6 and Dual Stack environments are supported from NetBackup 9.0 onwards with few limitations, refer technote for additional information <http://www.veritas.com/docs/100041420>

**Database and application patch support: Major versions of database software have been qualified in Veritas Labs and are listed in the tables below. NetBackup supports minor versions, service packs, and patches of database software unless otherwise noted, with the exception of Microsoft Exchange, Microsoft SharePoint and Microsoft SQL Server.**

Linux support: For Linux distributions shown in the tables below, NetBackup is supported on all "editions" and on all vendor GA updates (n.1, n.2, etc.) or service packs (SP1, SP2, etc.) unless otherwise noted in this document or in the NetBackup OS Compatibility List, <http://www.veritas.com/docs/100032808>

Database Appliances: 3rd party database hardware appliances are supported if the appliance OS/architecture and database software are listed in the Veritas NetBackup OS compatibility list <http://www.veritas.com/docs/100032808> and in the Database and Application Agent compatibility list (this document). For example, some Oracle Exadata and Exalogic models are supported based upon this support statement. Please consult the vendor documentation to identify the embedded software versions.

End of life information: More information is available about certain NetBackup features, functionality, 3rd-party product integration, Veritas product integration, applications, databases, and OS platforms that Veritas intends to replace with newer and improved functionality, or in some cases, discontinue without replacement. Please see the SORT widget titled "NetBackup Future Platform and Feature Plans" at <https://sort.veritas.com/netbackup.>>

# 9.0 - 9.x.x Database and Application Agent Software Compatibility List Updates

## Update Information

Description of Change	Date	NetBackup Version Start of Support
NetBackup GA 9.1.0.1	2021-09-07	NetBackup 9.1.0.1
NetBackup GA 9.1	2021-06-07	NetBackup 9.1
NetBackup GA 9.0.0.1	2021-03-28	NetBackup 9.0.0.1
NetBackup GA 9.0	2021-01-01	NetBackup 9.0

# Database Agents

The sections below contain information that is related to specific database agents and OS platforms.

## **SAP**

The NetBackup SAP Agent protects SAP Oracle environments by integrating with SAP BR\*Tools. SAP BR\*Tools may have a separate version from the SAP Kernel. Reference Technical Solution 51094 for details <<http://www.veritas.com/docs/000033132>>

SAP environments based on Microsoft SQL or DB2 databases are supported via the NetBackup Microsoft SQL and DB2 agents respectively. SAP supports Oracle and MAX-DB base environments.

# Apache Hadoop

The supported Hadoop Versions listed below refer to native Apache Software Foundation open source releases of the Apache Hadoop Project. NetBackup supports Hadoop file systems from Apache Hadoop, Cloudera and Hortonworks Distributions. Any modifications or derivations to these original distribution releases is not officially supported.

## Apache Hadoop - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Hadoop	3.1.5	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	3.1.4	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	3.1.1	64	CentOS 7.0	x86-64	64	9.0
Hadoop	3.1.1	64	Oracle Linux 7	x86-64	64	9.0
Hadoop	3.1.1	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	3.1.0	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	3.0.0	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	3.0.0	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	3.0.0	64	Ubuntu 18.04	x86-64	64	9.0
Hadoop	2.8.1	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.8.1	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.7.4	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.7.4	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.7.3	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.7.3	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.6.5	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.6.5	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.6.4	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.6.4	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.6.3	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.6.3	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.6.0	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.6.0	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Hadoop	2.5.2	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Hadoop	2.5.2	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0

**Note the following:**

- NetBackup 9.0 does not capture Extended Attributes (xattrs) or Access Control Lists (ACLs) of an object during backup and hence these are not set on the restored files or folders.
- If the Access Control Lists (ACLs) are enabled and set on any of the files or directories that is backed up then, you have to explicitly set the ACLs on the restored data.
- The backup host can be a NetBackup 9.0 client or a 9.0 media server or a 9.0 master server. Hadoop Plugin needs to be installed on the NetBackup client or a media server or a master server to make it a Backup Host. Veritas recommends that you have media server as a backup host.
- NetBackup supports installation of the backup host in a virtual machine. The guest operating systems that NetBackup supports are same as the above.
- For a Hadoop cluster that uses Kerberos, Ensure that the Kerberos client (krb5\_workstation package) is present on all the backup hosts with kdcserver details.
- NetBackup 8.1 does not support Hadoop cluster that uses Delegation token authentication
- Hadoop implementation on an Isilon clusters is not supported.
- For protection of HIVE data residing on Hadoop cluster. Refer: <[https://www.veritas.com/support/en\\_US/article.100044318.html](https://www.veritas.com/support/en_US/article.100044318.html)>
- SSL for Hadoop is supported with NetBackup 9.0 release. Please refer NetBackup Hadoop Admin guide for additional Information

# Apache HBase

The supported HBase Versions listed below refer to native Apache Software Foundation open source releases of the Apache HBase Project.

Only software officially released by the Apache HBase Project can be called Apache HBase.

Any modifications or derivations to these original distribution releases is not officially supported.

Please refer official HBase documentation for HDFS and Operating System support.

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

## Apache HBase - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
HBase	2.2	64	Red Hat Enterprise Linux 7 Update 7	x86-64	64	9.0
HBase	2.1	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
HBase	2.0	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
HBase	2.0	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
HBase	1.3	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
HBase	1.3	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
HBase	1.2	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
HBase	1.2	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0

**Note the following:**

- SSL for HBase is supported with NetBackup 9.0 release. Please refer NetBackup HBase and Hadoop Admin guide for additional Information

# Enterprise Vault

Enterprise Vault Compatibility - Reference Article TECH38537: Enterprise Vault Compatibility List:

<http://www.veritas.com/docs/000097605>

**Note:** All SQL versions supported by Enterprise Vault are supported in cluster configurations unless specifically noted in the table below.

Support for Enterprise Vault with SQL Server 2017 starts from NetBackup 8.1.2

Enterprise Vault agent does not support Enterprise Vault and SQL Server in VCS environment.

SQL configurations with AlwaysOn Availability Groups (AGs) are not supported at this time.

## Enterprise Vault - Supported Configurations

Database Software	Version	DB Bit	SQL Server Version	OS	CPU Architecture	OS Bit	Start of Support
Enterprise Vault	14.1	64	2016, 2017, 2019	Windows Server 2019	x86-64	64	9.0
Enterprise Vault	14.0	64	2016, 2019	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	14.0	64	2016, 2017, 2019	Windows Server 2019	x86-64	64	9.0
Enterprise Vault	12.5 [1]	64	2012	Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.5 [2]	64	2016, 2017, 2019	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.5	64	2017, 2019	Windows Server 2019	x86-64	64	9.0
Enterprise Vault	12.4.1		2017	Windows Server 2019	x86-64	64	9.0
Enterprise Vault	12.4.1	64	2017	Windows Server 2019	x86-64	64	9.0
Enterprise Vault	12.4 [3]	64		Windows Server 2012	x86-64	64	9.0
Enterprise Vault	12.4 [3]		2012, 2017	Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.4 [3]	64	2012, 2017	Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.4 [3]		2016	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.4 [3]	64	2016	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.4 [3]	64		Windows Server 2019	x86-64	64	9.0
Enterprise Vault	12.3.2	64	2017	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.3.1	64	2012	Windows Server 2012	x86-64	64	9.0
Enterprise Vault	12.3.1	64	2014	Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.3.1	64	2016	Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.3 [3]	64		Windows Server 2012	x86-64	64	9.0
Enterprise Vault	12.3 [3]	64		Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.3 [3]			Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.3 [3]	64		Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.2 [4]	64		Windows Server 2012	x86-64	64	9.0



## Enterprise Vault - Supported Configurations

Database Software	Version	DB Bit	SQL Server Version	OS	CPU Architecture	OS Bit	Start of Support
Enterprise Vault	12.2 [4]	64		Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.2 [4]	64		Windows Server 2016	x86-64	64	9.0
Enterprise Vault	12.1	64		Windows Server 2012	x86-64	64	9.0
Enterprise Vault	12.1	64		Windows Server 2012 R2	x86-64	64	9.0
Enterprise Vault	12.0	64		Windows Server 2012	x86-64	64	9.0
Enterprise Vault	12.0	64		Windows Server 2012 R2	x86-64	64	9.0

1. Supported on SQL Server 2012 SP4
2. Supported on SQL Server 2016 SP2
3. Refer article <<http://www.veritas.com/docs/100042794>> for supported configuration of Smart Partitions.
4. Refer article <<http://www.veritas.com/docs/100040487>> for support of Enterprise Vault 12.2 on this platform.

# HCL Domino

## HCL Domino - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Domino	14	64	AIX 7.3	POWER	64	9.0
Domino	14	64	AIX 7.2	POWER	64	9.0
Domino	14	64	Windows Server 2019	x86-64	64	9.0
Domino	14	64	Windows Server 2022	x86-64	64	9.0
Domino	12	64	AIX 7.3	POWER	64	9.0
Domino	12	64	AIX 7.2	POWER	64	9.0
Domino	12	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
Domino	12	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Domino	12	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Domino	12	64	Windows Server 2016	x86-64	64	9.0
Domino	12	64	Windows Server 2019	x86-64	64	9.0
Domino	12	64	Windows Server 2022	x86-64	64	9.0
Domino	11	64	AIX 7.2	POWER	64	9.0
Domino	11	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Domino	11	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Domino	11	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Domino	11	64	Windows Server 2012 R2	x86-64	64	9.0
Domino	11	64	Windows Server 2016	x86-64	64	9.0
Domino	11	64	Windows Server 2019	x86-64	64	9.0
Domino	8.5	64	AIX 7.1	POWER	64	9.0

# IBM DB2

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

Recommend using the latest DB2 FixPaks or these minimum revisions, DB2 V8.1 FixPak 3 or later.

IBM PureScale environments are not supported.

## IBM DB2 - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
DB2 UDB - EE/DPF	11.5	64	AIX 7.3	POWER	64	9.0
DB2 UDB - EE/DPF	11.5	64	AIX 7.2	POWER	64	9.0
DB2 UDB - EE/DPF	11.5	64	AIX 7.1	POWER	64	9.0
DB2 UDB - EE/DPF	11.5	64	Red Hat Enterprise Linux 9	x86-64	64	9.1.0.1
DB2 UDB - EE/DPF	11.5	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	Red Hat Enterprise Linux 7	POWER	64	9.0
DB2 UDB - EE/DPF	11.5	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
DB2 UDB - EE/DPF	11.5	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	Windows Server 2012 R2	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	Windows Server 2016	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	Windows Server 2019	x86-64	64	9.0
DB2 UDB - EE/DPF	11.5	64	Windows Server 2022	x86-64	64	9.0
DB2 UDB - EE/DPF	11.1	64	AIX 7.2	POWER	64	9.0
DB2 UDB - EE/DPF	11.1	64	AIX 7.1	POWER	64	9.0
DB2 UDB - EE/DPF	11.1	64	Red Hat Enterprise Linux 7	POWER	64	9.0
DB2 UDB - EE/DPF	11.1	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
DB2 UDB - EE/DPF	11.1	64	Solaris 11	SPARC	64	9.0
DB2 UDB - EE/DPF	11.1	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
DB2 UDB - EE/DPF	11.1	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
DB2 UDB - EE/DPF	11.1	64	Windows Server 2012	x86-64	64	9.0
DB2 UDB - EE/DPF	11.1	64	Windows Server 2012 R2	x86-64	64	9.0
DB2 UDB - EE/DPF	11.1	64	Windows Server 2016	x86-64	64	9.0

## IBM DB2 - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
DB2 UDB - EE/DPF	10.5	64	AIX 7.1	POWER	64	9.0
DB2 UDB - EE/DPF	10.5	64	HP-UX 11.31	IA64	64	9.0
DB2 UDB - EE/DPF	10.5	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
DB2 UDB - EE/DPF	10.5	64	Red Hat Enterprise Linux 7	z/Architecture	64	9.0
DB2 UDB - EE/DPF	10.5	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
DB2 UDB - EE/DPF	10.5	64	SUSE Linux Enterprise Server 12	z/Architecture	64	9.0
DB2 UDB - EE/DPF	10.5	64	Windows Server 2012	x86-64	64	9.0
DB2 UDB - EE/DPF	10.5	64	Windows Server 2012 R2	x86-64	64	9.0
DB2 UDB - EE/DPF	10.1	64	AIX 7.1	POWER	64	9.0
DB2 UDB - EE/DPF	10.1	64	HP-UX 11.31	IA64	64	9.0
DB2 UDB - EE/DPF	10.1	64	Windows Server 2012	x86-64	64	9.0
DB2 UDB - EE/DPF	9.7	64	AIX 7.1	POWER	64	9.0
DB2 UDB - EE/DPF	9.7	64	HP-UX 11.31	IA64	64	9.0

# IBM Informix

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

## IBM Informix - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Informix IDS	14.10	64	AIX 7.3	POWER	64	9.0
Informix IDS	14.10	64	AIX 7.2	POWER	64	9.0
Informix IDS	14.10	64	HP-UX 11.31	IA64	64	9.0
Informix IDS	14.10	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
Informix IDS	14.10	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Informix IDS	14.10	64	Solaris 11	SPARC	64	9.0
Informix IDS	14.10	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Informix IDS	14.10	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Informix IDS	12.1 <a href="#">[1]</a>	64	AIX 7.2	POWER	64	9.0
Informix IDS	12.1	64	AIX 7.1	POWER	64	9.0
Informix IDS	12.1	64	HP-UX 11.31	IA64	64	9.0
Informix IDS	12.1 <a href="#">[2]</a>	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Informix IDS	12.1	64	Solaris 11	SPARC	64	9.0
Informix IDS	12.1	64	Solaris 11	x86-64	64	9.0
Informix IDS	12.1 <a href="#">[2]</a>	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0

1. Supports Informix 12.1 FC8 and later versions.

2. Informix 12.1 FC1 to FC5 and FC7 is supported.

# MariaDB

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

Customers that have a license for the NetBackup for MariaDB agent can download the install package at:

<https://my.veritas.com>

## MariaDB - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
MariaDB	11	64	Windows 10	x86-64	64	9.0
MariaDB	11	64	Windows 11	x86-64	64	9.0
MariaDB	11	64	Windows Server 2019	x86-64	64	9.0
MariaDB	10	64	CentOS 7.0	x86-64	64	9.0
MariaDB	10	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
MariaDB	10	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MariaDB	10	64	Rocky Linux 8	x86-64	64	9.0
MariaDB	10	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
MariaDB	10	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MariaDB	10	64	Windows 8.1	x86-64	64	9.0
MariaDB	10	64	Windows 10	x86-64	64	9.0
MariaDB	10	64	Windows Server 2012 R2	x86-64	64	9.0
MariaDB	10	64	Windows Server 2016	x86-64	64	9.0
MariaDB	10	64	Windows Server 2019	x86-64	64	9.0
MariaDB	10	64	Windows Server 2022	x86-64	64	9.0

# Microsoft Exchange

It is the best practice of NetBackup Quality Engineering to test the latest service packs and updates for Exchange. For any Exchange service pack (SP) supported by NetBackup, each update rollup (RU) is also supported unless otherwise noted.

**Exchange Granular Recovery** For Exchange GRT operations, the OS of the granular proxy host must be a version of Windows that is supported for that version of Exchange.

- **Example:** For Exchange 2013, the OS of the granular proxy host must be Windows 2012, Windows 2012 R2, Windows 2016, Windows 2019.
- Please refer to the Database/Application vendor for specific Operating System requirements.

## Microsoft Exchange - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Exchange	2019 CU14	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU14	64	Windows Server 2022	x86-64	64	9.0
Exchange	2019 CU13	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU13	64	Windows Server 2022	x86-64	64	9.0
Exchange	2019 CU12	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU12	64	Windows Server 2022	x86-64	64	9.0
Exchange	2019 CU11	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU10	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU9	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU8	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU7	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU6	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU5	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU4	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU3	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU2	64	Windows Server 2019	x86-64	64	9.0
Exchange	2019 CU1	64	Windows Server 2019	x86-64	64	9.0
Exchange	2016 CU23	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU23	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU22	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU22	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU21	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU21	64	Windows Server 2016	x86-64	64	9.0

# Microsoft Exchange - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Exchange	2016 CU20	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU20	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU19	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU19	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU18	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU18	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU17	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU17	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU16	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU16	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU15	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU15	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU14	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU14	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU13	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU13	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU12	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU12	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU12	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU11	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU11	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU11	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU10	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU10	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU10	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU9	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU9	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU9	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU8	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU8	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU8	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU7	64	Windows Server 2012	x86-64	64	9.0



# Microsoft Exchange - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Exchange	2016 CU7	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU7	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU6	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU6	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU6	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU5	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU5	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU5	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU4	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU4	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU4	64	Windows Server 2016	x86-64	64	9.0
Exchange	2016 CU3	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU3	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU2	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU2	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016 CU1	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016 CU1	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2016	64	Windows Server 2012	x86-64	64	9.0
Exchange	2016	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 SP1	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 SP1	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU23	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU22	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU22	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU21	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU21	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU20	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU20	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU19	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU19	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU18	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU18	64	Windows Server 2012 R2	x86-64	64	9.0

## Microsoft Exchange - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Exchange	2013 CU17	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU17	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU16	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU16	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU15	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU15	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU14	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU14	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU13	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU13	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU12	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU12	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU11	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU11	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU10	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU10	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU9	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU9	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU8	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU8	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU7	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU7	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU6	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU6	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU5	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013 CU5	64	Windows Server 2012 R2	x86-64	64	9.0
Exchange	2013 CU3	64	Windows Server 2012	x86-64	64	9.0
Exchange	2013	64	Windows Server 2012	x86-64	64	9.0

# Microsoft SharePoint

It is the best practice of NetBackup Quality Engineering to test the latest Service Pack for SharePoint. Supported Service Packs are listed in the table below.

## SharePoint Granular Recovery

All of the configurations are supported for SharePoint Server Granular Recovery unless otherwise noted.

All Microsoft SQL Server Service Packs (SP) are not explicitly qualified and are supported by default, unless noted.

AlwaysOn Availability Groups (AGs) are not supported at this time.

Refer to the Database/Application vendor for specific Operating System requirements.

## Microsoft SharePoint - Supported Configurations

Database Software	Version	DB Bit	SQL Server Version	OS	CPU Architecture	OS Bit	Start of Support
SharePoint	2019	64	2016, 2017, 2019	Windows Server 2019	x86-64	64	9.0
SharePoint	2019	64	2019	Windows Server 2022	x86-64	64	9.1
SharePoint	2016	64	2014, 2016	Windows Server 2012 R2	x86-64	64	9.0
SharePoint	2016	64	2014, 2016	Windows Server 2016	x86-64	64	9.0
SharePoint	2016	64	2016, 2017	Windows Server 2019	x86-64	64	9.0
SharePoint	2013 SP1	64	2014	Windows Server 2012	x86-64	64	9.0
SharePoint	2013 SP1	64	2012, 2014	Windows Server 2012 R2	x86-64	64	9.0
SharePoint	2013 SP1	64	2014	Windows Server 2012 R2	x86-64	64	9.0
SharePoint	2013	64	2012, 2014	Windows Server 2012	x86-64	64	9.0

# Microsoft SQL Server

NetBackup supports the following SQL Server versions and editions:

- SQL Server 2019: Enterprise, Standard, Express, Developer, Web
- SQL Server 2017: Enterprise, Standard, Express, Developer, Web
- SQL Server 2016: Enterprise, Standard, Express, Developer, Web
- SQL Server 2014: Enterprise, Standard, Express, Developer, Web, BI
- SQL Server 2012: Enterprise, Standard, Express, Business, Web

Microsoft SQL Server and Windows Server Service Packs (SPs) / Cumulative Updates (CU) are not explicitly qualified and are supported by default, unless noted. Refer to the Database/Application vendor for specific Operating System requirements.

## SQL Server Intelligent Policies

- SQL Server Intelligent Policies support SQL Server cluster environments. For information on the HA solutions that SQL Server supports, refer to your SQL Server documentation.
- Supports SQL Availability Groups using SQL Server Intelligent Policies
- NetBackup does not support protection of SQL Availability Groups on multi-domain clusters and in SQL Azure environments.

SQL Server on Linux is **NOT** supported at this time.

## Microsoft SQL Server - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SQL Server	2019	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2019	64	Windows Server 2019	x86-64	64	9.0
SQL Server	2019	64	Windows Server 2022	x86-64	64	9.0
SQL Server	2017	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2017	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2017	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2017	64	Windows Server 2019	x86-64	64	9.0
SQL Server	2017	64	Windows Server 2022	x86-64	64	9.0
SQL Server	2016 SP3	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2016 SP3	64	Windows Server 2019	x86-64	64	9.0
SQL Server	2016 SP2	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2016 SP2	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2016 SP2	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2016 SP2	64	Windows Server 2019	x86-64	64	9.0
SQL Server	2016 SP1	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2016 SP1	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2016 SP1	64	Windows Server 2016	x86-64	64	9.0

## Microsoft SQL Server - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SQL Server	2016	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2016	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2016	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2014 SP3	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2014 SP3	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2014 SP3	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2014 SP3	64	Windows Server 2019	x86-64	64	9.0
SQL Server	2014 SP2	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2014 SP2	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2014 SP1	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2014 SP1	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2014	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2014	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2012 SP4	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2012 SP4	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2012 SP4	64	Windows Server 2016	x86-64	64	9.0
SQL Server	2012 SP3	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2012 SP3	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2012 SP2	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2012 SP2	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2012 SP1	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2012 SP1	64	Windows Server 2012 R2	x86-64	64	9.0
SQL Server	2012	64	Windows Server 2012	x86-64	64	9.0
SQL Server	2012	64	Windows Server 2012 R2	x86-64	64	9.0

# MongoDB

MongoDB Community and Enterprise Editions are supported.

English-only MongoDB environments are supported.

NetBackup supported platforms of Red Hat Enterprise Linux and SUSE Linux Enterprise Server can be used as Backup Hosts.

MongoDB Plugin can be installed on the NetBackup Client, NetBackup Media server or NetBackup Master server to make it a Backup Host. Veritas recommends that you have media server as a backup host.

Protection of MongoDB environments deployed / managed using MongoDB Ops Manager is not supported.

## MongoDB - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
MongoDB	4.4	64	CentOS 7.0	x86-64	64	9.0
MongoDB	4.4	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
MongoDB	4.4	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MongoDB	4.4	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
MongoDB	4.4	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MongoDB	4.2	64	CentOS 7.0	x86-64	64	9.0
MongoDB	4.2	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
MongoDB	4.2	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MongoDB	4.2	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
MongoDB	4.2	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MongoDB	4.0	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MongoDB	4.0	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MongoDB	3.6	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MongoDB	3.6	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0

### **Note the following:**

- MongoDB database on LVM is supported. MongoDB database path should be mounted on LVM
- Supported MongoDB Environments-
  1. Sharded cluster running with query router (mongos)
  2. Replica sets
  3. Standalone mongod instance
  4. Multiple mongod instances on single node
- Supported Authentication types:
  - Simple
  - Certificate based
  - Cluster without any authentication enabled under mongodb is also supported(no authentication)
- Incremental backup of standalone cluster is not supported, only full backup schedule works for Standalone instance.
- MongoDB data protection with Native encryption enabled is not supported.
- NetBackup supports the XFS and ext4 file systems for backup and restore:

- NetBackup supports the MongoDB's WiredTiger storage engine.
- English-only MongoDB environments are supported.
- NetBackup supports the Differential Incremental backup for MongoDB along with a Full Backup. Cumulative Incremental backups are not supported currently.
- Install OpenSSH packages on all the MongoDB nodes to support SSH keys. Refer NetBackup's Admin Guide for MongoDB to know more about prerequisites and configurations.

# MySQL

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

Customers that have a license for the NetBackup for MySQL agent can download the install package at:

<https://my.veritas.com>

## MySQL - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
MySQL	8	64	CentOS 8	x86-64	64	9.0
MySQL	8	64	CentOS 7.7	x86-64	64	9.0
MySQL	8	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
MySQL	8	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MySQL	8	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
MySQL	8	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MySQL	8	64	Windows 10	x86-64	64	9.0
MySQL	8	64	Windows 11	x86-64	64	9.0
MySQL	8	64	Windows Server 2012 R2	x86-64	64	9.0
MySQL	8	64	Windows Server 2016	x86-64	64	9.0
MySQL	8	64	Windows Server 2019	x86-64	64	9.0
MySQL	5	64	CentOS 7.9	x86-64	64	9.0
MySQL	5 [1]	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
MySQL	5 [1]	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
MySQL	5 [1]	64	Windows 8.1	x86-64	64	9.0
MySQL	5 [1]	64	Windows 10	x86-64	64	9.0
MySQL	5 [1]	64	Windows Server 2012	x86-64	64	9.0
MySQL	5 [1]	64	Windows Server 2012 R2	x86-64	64	9.0
MySQL	5 [1]	64	Windows Server 2016	x86-64	64	9.0

1. NetBackup 9.0 requires MySQL 5.5.5 and later versions



# Oracle Database

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

NetBackup Copilot for Oracle is supported on all the configurations listed below unless otherwise noted.

Oracle RAC support is implied for Oracle versions listed.

## Oracle Database - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Oracle	21c	64	Oracle Linux 8	x86-64	64	9.0
Oracle	21c	64	Oracle Linux 7	x86-64	64	9.0
Oracle	21c	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
Oracle	21c	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Oracle	21c	64	Windows Server 2019	x86-64	64	9.0
Oracle	21c	64	Windows Server 2022	x86-64	64	9.0
Oracle	19c	64	AIX 7.3	POWER	64	9.0
Oracle	19c	64	AIX 7.2	POWER	64	9.0
Oracle	19c	64	AIX 7.1	POWER	64	9.0
Oracle	19c	64	HP-UX 11.31	IA64	64	9.0
Oracle	19c	64	Oracle Linux 8	x86-64	64	9.0
Oracle	19c	64	Oracle Linux 7	x86-64	64	9.0
Oracle	19c [1]	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
Oracle	19c	64	Red Hat Enterprise Linux 8	z/Architecture	64	9.0
Oracle	19c	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Oracle	19c	64	Solaris 11	SPARC	64	9.0
Oracle	19c	64	Solaris 11	x86-64	64	9.0
Oracle	19c	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Oracle	19c	64	SUSE Linux Enterprise Server 15	z/Architecture	64	9.0
Oracle	19c	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Oracle	19c	64	SUSE Linux Enterprise Server 12	z/Architecture	64	9.0
Oracle	19c	64	Windows Server 2012 R2	x86-64	64	9.0
Oracle	19c	64	Windows Server 2016	x86-64	64	9.0
Oracle	19c	64	Windows Server 2019	x86-64	64	9.0
Oracle	18c	64	AIX 7.2	POWER	64	9.0

## Oracle Database - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Oracle	18c	64	HP-UX 11.31	IA64	64	9.0
Oracle	18c	64	Oracle Linux 7	x86-64	64	9.0
Oracle	18c	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Oracle	18c	64	Solaris 11	SPARC	64	9.0
Oracle	18c	64	Solaris 11	x86-64	64	9.0
Oracle	18c	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Oracle	18c	64	Windows Server 2012 R2	x86-64	64	9.0
Oracle	18c	64	Windows Server 2016	x86-64	64	9.0
Oracle	12c R2	64	AIX 7.2	POWER	64	9.0
Oracle	12c R2	64	AIX 7.1	POWER	64	9.0
Oracle	12c R2	64	HP-UX 11.31	IA64	64	9.0
Oracle	12c R2	64	Oracle Linux 7	x86-64	64	9.0
Oracle	12c R2	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Oracle	12c R2 [2]	64	Red Hat Enterprise Linux 7	z/Architecture	64	9.0
Oracle	12c R2	64	Solaris 11	SPARC	64	9.0
Oracle	12c R2 [2]	64	Solaris 11	x86-64	64	9.0
Oracle	12c R2	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
Oracle	12c R2	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Oracle	12c R2	64	SUSE Linux Enterprise Server 12	z/Architecture	64	9.0
Oracle	12c R2	64	Windows Server 2012 R2	x86-64	64	9.0
Oracle	12c R2	64	Windows Server 2012	x86-64	64	9.0
Oracle	12c R2	64	Windows Server 2016	x86-64	64	9.0
Oracle	12c R1	64	AIX 7.2	POWER	64	9.0
Oracle	12c R1	64	AIX 7.1	POWER	64	9.0
Oracle	12c R1	64	HP-UX 11.31	IA64	64	9.0
Oracle	12c R1	64	Oracle Linux 7	x86-64	64	9.0
Oracle	12c R1	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Oracle	12c R1	64	Solaris 11	SPARC	64	9.0
Oracle	12c R1	64	Solaris 11	x86-64	64	9.0
Oracle	12c R1	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
Oracle	12c R1 [2]	64	SUSE Linux Enterprise Server 12	z/Architecture	64	9.0
Oracle	12c R1	64	Windows Server 2012 R2	x86-64	64	9.0

## Oracle Database - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Oracle	12c R1	64	Windows Server 2012	x86-64	64	9.0
Oracle	11g R2	64	Windows Server 2012 R2	x86-64	64	9.0
Oracle	11g R2	64	AIX 7.2	POWER	64	9.0
Oracle	11g R2	64	AIX 7.1	POWER	64	9.0
Oracle	11g R2	64	HP-UX 11.31	IA64	64	9.0
Oracle	11g R2	64	Oracle Linux 7	x86-64	64	9.0
Oracle	11g R2	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
Oracle	11g R2	64	Solaris 11	SPARC	64	9.0
Oracle	11g R2 <a href="#">[2]</a>	64	Solaris 11	x86-64	64	9.0
Oracle	11g R2	64	Windows Server 2012	x86-64	64	9.0
Oracle	11g R1	64	HP-UX 11.31	IA64	64	9.0

1. Oracle database version 19.8 and later versions is recommended.
2. This architecture does not support the "Whole Database - Datafile Copy Share" option.

# PostgreSQL

NetBackup supports PostgreSQL and EDB Postgres™ Advanced Server. Refer to Database/Application vendor for specific Operating System requirements. Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Customers that have a license for the NetBackup for PostgreSQL agent can download the install package at: <https://my.veritas.com>

## PostgreSQL - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
PostgreSQL	14	64	GNU/Linux 11	x86-64	64	9.0
PostgreSQL	14	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
PostgreSQL	14	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	14	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
PostgreSQL	14	64	Windows Server 2016	x86-64	64	9.0
PostgreSQL	14	64	Windows Server 2019	x86-64	64	9.0
PostgreSQL	14	64	Windows Server 2022	x86-64	64	9.0
PostgreSQL	13	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
PostgreSQL	13	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	13	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
PostgreSQL	13	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
PostgreSQL	13	64	Windows Server 2016	x86-64	64	9.0
PostgreSQL	13	64	Windows Server 2019	x86-64	64	9.0
PostgreSQL	12	64	CentOS 7.6	x86-64	64	9.0
PostgreSQL	12	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
PostgreSQL	12	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	12	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
PostgreSQL	12	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
PostgreSQL	12	64	Windows Server 2012 R2	x86-64	64	9.0
PostgreSQL	12	64	Windows Server 2016	x86-64	64	9.0
PostgreSQL	12	64	Windows Server 2019	x86-64	64	9.0
PostgreSQL	11	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	11	64	Windows 10	x86-64	64	9.0
PostgreSQL	11	64	Windows Server 2016	x86-64	64	9.0
PostgreSQL	11	64	Windows Server 2019	x86-64	64	9.0

## PostgreSQL - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
PostgreSQL	10	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	10	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
PostgreSQL	10	64	Windows 8.1	x86-64	64	9.0
PostgreSQL	10	64	Windows 10	x86-64	64	9.0
PostgreSQL	10	64	Windows Server 2012 R2	x86-64	64	9.0
PostgreSQL	10	64	Windows Server 2016	x86-64	64	9.0
PostgreSQL	9	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
PostgreSQL	9	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
PostgreSQL	9	64	Windows 8.1	x86-64	64	9.0
PostgreSQL	9	64	Windows 10	x86-64	64	9.0
PostgreSQL	9	64	Windows Server 2012 R2	x86-64	64	9.0
PostgreSQL	9	64	Windows Server 2016	x86-64	64	9.0

**Note the following:**

- NetBackup does not support cluster aware backups / restore of PostgreSQL and EDB Postgres™ Advanced Server.

# SAP ASE

## SAP ASE - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP ASE	16 SP4	64	AIX 7.3	POWER	64	9.0
SAP ASE	16 SP4	64	AIX 7.2	POWER	64	9.0
SAP ASE	16 SP4	64	HP-UX 11.31	IA64	64	9.0
SAP ASE	16 SP4	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP ASE	16 SP4	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP ASE	16 SP4	64	Solaris 11	SPARC	64	9.0
SAP ASE	16 SP4	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP ASE	16 SP4	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP ASE	16 SP4	64	Windows Server 2016	x86-64	64	9.0
SAP ASE	16 SP4	64	Windows Server 2022	x86-64	64	9.0
SAP ASE	16 SP3	64	AIX 7.2	POWER	64	9.0
SAP ASE	16 SP3	64	HP-UX 11.31	IA64	64	9.0
SAP ASE	16 SP3	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP ASE	16 SP3	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP ASE	16 SP3	64	Solaris 11	SPARC	64	9.0
SAP ASE	16 SP3	64	Solaris 11	x86-64	64	9.0
SAP ASE	16 SP3	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP ASE	16 SP3	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP ASE	16 SP3	64	Windows Server 2016	x86-64	64	9.0
SAP ASE	16 SP3	64	Windows Server 2019	x86-64	64	9.0
SAP ASE	16 SP2	64	AIX 7.2	POWER	64	9.0
SAP ASE	16 SP2	64	AIX 7.1	POWER	64	9.0
SAP ASE	16 SP2	64	Solaris 11	SPARC	64	9.0
SAP ASE	16	64	HP-UX 11.31	IA64	64	9.0
SAP ASE	16	64	Solaris 11	x86-64	64	9.0
SAP ASE	16	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP ASE	16	64	Windows Server 2012	x86-64	64	9.0
SAP ASE	16	64	Windows Server 2012 R2	x86-64	64	9.0

## SAP ASE - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP ASE	16	64	Windows Server 2016	x86-64	64	9.0

# SAP HANA

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise.

SAP S/4 HANA and SAP Business One HANA products are supported with existing SAP HANA Backint interface used by NetBackup. Please refer below matrix for platform compatibility with SAP HANA database.

Refer to Database/Application vendor for specific Operating System requirements.

## SAP HANA - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP HANA	SPS 12	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA	SPS 12	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA	SPS 11	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 07	64	Red Hat Enterprise Linux 8	POWER	64	9.0
SAP HANA 2.0	SPS 07	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP HANA 2.0	SPS 07	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP HANA 2.0	SPS 07	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 06	64	Red Hat Enterprise Linux 8	POWER	64	9.0
SAP HANA 2.0	SPS 06	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP HANA 2.0	SPS 06	64	SUSE Linux Enterprise Server 15	POWER	64	9.0
SAP HANA 2.0	SPS 06	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP HANA 2.0	SPS 06	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 05 <a href="#">[1]</a>	64	Red Hat Enterprise Linux 8	POWER	64	9.0
SAP HANA 2.0	SPS 05	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP HANA 2.0	SPS 05	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA 2.0	SPS 05	64	SUSE Linux Enterprise Server 15	POWER	64	9.0
SAP HANA 2.0	SPS 05	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP HANA 2.0	SPS 05	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
SAP HANA 2.0	SPS 05	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 04 <a href="#">[2]</a>	64	Red Hat Enterprise Linux 8	POWER	64	9.0
SAP HANA 2.0	SPS 04	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP HANA 2.0	SPS 04	64	Red Hat Enterprise Linux 7	POWER	64	9.0
SAP HANA 2.0	SPS 04	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA 2.0	SPS 04	64	SUSE Linux Enterprise Server 15	POWER	64	9.0
SAP HANA 2.0	SPS 04	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0



## SAP HANA - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP HANA 2.0	SPS 04	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
SAP HANA 2.0	SPS 04	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 03	64	Red Hat Enterprise Linux 7	POWER	64	9.0
SAP HANA 2.0	SPS 03	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA 2.0	SPS 03	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP HANA 2.0	SPS 03	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
SAP HANA 2.0	SPS 03	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 02	64	Red Hat Enterprise Linux 7	POWER	64	9.0
SAP HANA 2.0	SPS 02	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA 2.0	SPS 02	64	SUSE Linux Enterprise Server 12	POWER	64	9.0
SAP HANA 2.0	SPS 02	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 01	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP HANA 2.0	SPS 01	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP HANA 2.0	SPS 00	64	Red Hat Enterprise Linux 7	x86-64	64	9.0

1. EEB for NetBackup 9.0, 9.0.0.1 and 9.1 can be obtained from Veritas Technical Support.
2. Support for SAP HANA 2.0 SPS 04 on Redhat Enterprise Linux 8.0 is limited to IBM Power 9

# SAP MaxDB

The "Version" on SAP Max-DB represents the version of the SAP Kernel.

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

## SAP MaxDB - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP MAXDB	7	64	Windows Server 2019	x86-64	64	9.0
SAP MaxDB	7	64	AIX 7.2	POWER	64	9.0
SAP MaxDB	7	64	AIX 7.1	POWER	64	9.0
SAP MaxDB	7	64	HP-UX 11.31	IA64	64	9.0
SAP MaxDB	7	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SAP MaxDB	7	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP MaxDB	7	64	Solaris 11	SPARC	64	9.0
SAP MaxDB	7	64	Solaris 11	x86-64	64	9.0
SAP MaxDB	7	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP MaxDB	7	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP MaxDB	7	64	Windows Server 2012	x86-64	64	9.0
SAP MaxDB	7	64	Windows Server 2012 R2	x86-64	64	9.0
SAP MaxDB	7	64	Windows Server 2016	x86-64	64	9.0

# SAP Oracle

The "Version" on SAP Oracle represents the version of the SAP Kernel BR\*Tools. BR\*Tools version 6.40, patch level 36 or greater, is required for SAP Snapshot backups through RMAN proxy.

SAP Oracle agent includes Oracle RAC support with Oracle Cluster File System and RAW partition.

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

## SAP Oracle - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SAP Oracle	7	64	AIX 7.2	POWER	64	9.0
SAP Oracle	7	64	AIX 7.1	POWER	64	9.0
SAP Oracle	7	64	HP-UX 11.31	IA64	64	9.0
SAP Oracle	7	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SAP Oracle	7	64	Solaris 11	SPARC	64	9.0
SAP Oracle	7	64	Solaris 11	x86-64	64	9.0
SAP Oracle	7	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SAP Oracle	7	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SAP Oracle	7	64	Windows Server 2012	x86-64	64	9.0
SAP Oracle	7	64	Windows Server 2012 R2	x86-64	64	9.0
SAP Oracle	7	64	Windows Server 2016	x86-64	64	9.0
SAP Oracle	7	64	Windows Server 2019	x86-64	64	9.0

# SQLite

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

Customers that have a license for the NetBackup for SQLite agent can download the install package at:

<https://my.veritas.com>

## SQLite - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
SQLite	3	64	Red Hat Enterprise Linux 8	x86-64	64	9.0
SQLite	3	64	Red Hat Enterprise Linux 7	x86-64	64	9.0
SQLite	3	64	Rocky Linux 8	x86-64	64	9.0
SQLite	3	64	SUSE Linux Enterprise Server 15	x86-64	64	9.0
SQLite	3	64	SUSE Linux Enterprise Server 12	x86-64	64	9.0
SQLite	3	64	Windows 8.1	x86-64	64	9.0
SQLite	3	64	Windows 10	x86-64	64	9.0
SQLite	3	64	Windows Server 2012 R2	x86-64	64	9.0
SQLite	3	64	Windows Server 2016	x86-64	64	9.0
SQLite	3	64	Windows Server 2019	x86-64	64	9.0
SQLite	3	64	Windows Server 2022	x86-64	64	9.0

# Sybase ASE

Minor versions, Service Packs (SP), and patches released subsequent are supported by default, unless noted otherwise. Refer to Database/Application vendor for specific Operating System requirements.

## Sybase ASE - Supported Configurations

Database Software	Version	DB Bit	OS	CPU Architecture	OS Bit	Start of Support
Sybase ASE	12.5	64	HP-UX 11.31	IA64	64	9.0

# XBSA Extensible Client

NetBackup XBSA is an Open Group Technical Standard that defines a Backup Services API (XBSA). The XBSA specification consists of source procedure calls, type definitions, data structures, and return codes. Client applications use these to be able to use a backup service, Veritas NetBackup, and to store and manage data.

The NetBackup XBSA is an API to NetBackup developed to the XBSA specifications. The NetBackup XBSA interface has extended the XBSA specifications to make it easier to use and enhance performance when used with NetBackup.

DataStore policy The DataStore policy is an existing NetBackup policy that you can also use with applications communicating with the NetBackup Backup Services API interface (XBSA). The policy lets an application create, query, retrieve, and delete data objects using NetBackup for data storage.

Partner / 3rd Party produced XBSA Agents Note: Creation, maintenance, and support for a specific agent is provided by the producing company. All companies producing XBSA agents are members of the Veritas Technology Ecosystem (VTE) program, and any XBSA Agent listed on the NetBackup Master Compatibility List must meet certain technical requirements prior to achieving certification. Each producing company is solely responsible and liable for the operation, testing, distribution, and maintenance of the certified XBSA agent.

NetBackup Support is available to customers who have a valid support and maintenance entitlement and may include collaborative handoff to VTE technology partners when dealing with support issues that pertain to XBSA agents. Also, review the NetBackup Primary Compatibility List for currently supported versions of NetBackup and its components.

## XBSA Extensible Client - Supported Configurations

Database Software	Vendor	Version	Note
XBSA Extensible Client	TmaxTibero	Tibero 6,7	N/A
XBSA Extensible Client	IBM	N/A	Agent included with IBM Integrated Analytics
XBSA Extensible Client	Transwarp Technology	Argo DB	N/A