

# Veritas NetBackup™ 7.7 - 7.7.x Database and Application Agent Compatibility List

Created on October 17, 2018

# Introduction

This Software Compatibility List (SCL) document describes the supported database and application agents for Veritas NetBackup 7.7 through 7.7.x.

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

**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 footnoted in this document or in the NetBackup OS Compatibility List, <http://www.veritas.com/docs/000040842> .

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/000040842> 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> .

# 7.7 - 7.7.x Database and Application Agent Software Compatibility List Updates

## Update Information

| Description of Change   | Date       | NetBackup Version Start of Support |
|---|------------|------------------------------------|
| Added support for Exchange 2013 CU16                                      | 2017-05-01 | NetBackup 7.7.3                    |
| Added support for Exchange 2016 CU4                                       | 2017-03-02 | NetBackup 7.7.3                    |
| Added support for SQL 2016 SP1  | 2017-02-10 | NetBackup 7.7.3                    |
| Added support for Exchange 2013 CU15                                      | 2017-02-10 | NetBackup 7.7.3                    |
| Added support for SAP HANA 2.0 SPS 0 for SUSE Linux Enterprise Server 12  | 2017-02-10 | NetBackup 7.7.1                    |
| Added support for SAP HANA 2.0 SPS 0 for Red Hat Enterprise Linux 7       | 2017-02-10 | NetBackup 7.7.1                    |
| Added support for IBM DB2 11.1  | 2017-02-01 | NetBackup 7.7.3                    |
| Added support for SAP HANA SPS 12 for SUSE Linux Enterprise Server 12     | 2016-08-10 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 12 for Red Hat Enterprise Linux 7          | 2016-08-10 | NetBackup 7.7.1                    |
| Added support for Exchange 2016 CU3                                       | 2016-11-09 | NetBackup 7.7.3                    |
| Added support for Exchange 2016 CU2                                       | 2016-08-10 | NetBackup 7.7.2                    |
| Added support for Exchange 2013 CU14                                      | 2016-11-09 | NetBackup 7.5.0.7                  |
| Added support for Exchange 2013 CU13                                      | 2016-08-10 | NetBackup 7.5.0.7                  |
| Added support for SAP HANA SPS 12 for SUSE Linux Enterprise Server 11 SP3 | 2016-06-24 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 12 for Red Hat Enterprise Linux 6.5        | 2016-06-16 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 12 for Red Hat Enterprise Linux 6.6        | 2016-06-16 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 12 for Red Hat Enterprise Linux 6.7        | 2016-06-16 | NetBackup 7.7.1                    |
| Added support for SQL 2016  | 2016-06-07 | NetBackup 7.7.3                    |
| Added support for SharePoint 2016   | 2016-06-07 | NetBackup 7.7.3                    |
| Added support for SAP ASE 16.0 for SUSE 12                                | 2015-05-25 | NetBackup 7.7.2                    |
| Added support for SAP HANA SPS 11 for SUSE Linux Enterprise Server 12     | 2016-05-04 | NetBackup 7.7.1                    |

## Update Information

| Description of Change  | Date       | NetBackup Version Start of Support |
|--|------------|------------------------------------|
| Added support for IBM DB2 10.5   | 2016-05-04 | NetBackup 7.7.2                    |
| Added support for Exchange 2013 CU12   | 2016-04-12 | NetBackup 7.5.0.7                  |
| Added support for Exchange 2016 CU1  | 2016-04-12 | NetBackup 7.7.2                    |
| Added support for SAP HANA SPS 11 for SUSE Linux Enterprise Server 11 SP4              | 2016-03-31 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 11 for Red Hat Enterprise Linux 6.6                     | 2016-03-31 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 11 for Red Hat Enterprise Linux 6.7                     | 2016-03-31 | NetBackup 7.7.1                    |
| Added support for Exchange 2013 CU11   | 2016-02-12 | NetBackup 7.5.0.7                  |
| Added support for SQL 2012 SP3   | 2016-02-12 | NetBackup 7.6.0.2                  |
| Added support for SAP HANA SPS 11 for SUSE Linux Enterprise Server 11 SP3              | 2016-02-02 | NetBackup 7.7.1                    |
| Added support for SAP HANA SPS 11 for Red Hat Enterprise Linux 6.5                     | 2016-02-02 | NetBackup 7.7.1                    |
| Added support for IBM Informix IDS for Red Hat Enterprise Linux 7                      | 2016-02-02 | NetBackup 7.7.2                    |
| Added support for Exchange 2013 CU10   | 2015-11-09 | NetBackup 7.5.0.7                  |
| Added support for SQL AlwaysOn Availability Groups (AGs) with SQL Server 2012 and 2014 | 2015-10-08 | NetBackup 7.7.1                    |
| Added support for Exchange 2016  | 2015-10-08 | NetBackup 7.7.1                    |
| Added support for SAP ASE 16.0   | 2015-10-08 | NetBackup 7.6.0.4                  |
| Added support for SAP HANA SPS 10 for SUSE Linux Enterprise Server 11 SP3              | 2015-08-10 | NetBackup 7.6.1.2                  |
| Added support for SAP HANA SPS 10 for Red Hat Enterprise Linux 6.5                     | 2015-08-10 | NetBackup 7.6.1.2                  |
| Added support for SQL 2014 SP1   | 2015-07-23 | NetBackup 7.6.0.3                  |
| NetBackup GA   | 2015-07-06 | NetBackup 7.7                      |

# 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.

## **Windows Server 2008**

When using a 32-bit OS on a x64 CPU the DB Agent is supported if the x86 CPU is listed in this compatibility list.

## **MySQL**

MySQL Agent is available from Zmanda <<http://www.zmanda.com>> For quotes or any other technical or business questions related to this agent, please contact Zmanda at: [symantec@zmanda.com](mailto:symantec@zmanda.com).

## **PostgreSQL**

PostgreSQL Agent is available from Zmanda <<http://www.zmanda.com>> For quotes or any other technical or business questions related to this agent, please contact Zmanda at: [symantec@zmanda.com](mailto:symantec@zmanda.com).

# Enterprise Vault

Note: All SQL versions supported by Enterprise Vault are supported in cluster configurations unless specifically noted in the table below. Enterprise Vault agent does not support SQL Server in a VCS environment.

Enterprise Vault Compatibility - Reference Article TECH38537: Enterprise Vault Compatibility List:  
<http://www.veritas.com/docs/000097605>

## Enterprise Vault - Supported Configurations

| Database Software | Version      | DB Bit | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|--------------|--------|------------------------|------------------|--------|------------------|
| Enterprise Vault  | 11.0 [1]     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.6.0.4          |
| Enterprise Vault  | 11.0 [1]     | 64     | Windows Server 2012    | x86-64           | 64     | 7.6.0.4          |
| Enterprise Vault  | 11.0 [1]     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.6.0.4          |
| Enterprise Vault  | 10.0 [2] [3] | 32     | Windows Server 2008 R2 | x86-64           | 64     | 7.1              |
| Enterprise Vault  | 10.0 [2] [4] | 32     | Windows Server 2012    | x86-64           | 64     | 7.6.0.1          |
| Enterprise Vault  | 9.0          | 32     | Windows Server 2008    | x86-32           | 32     | 7.0.1            |
| Enterprise Vault  | 9.0          | 32     | Windows Server 2008    | x86-64           | 64     | 7.0.1            |
| Enterprise Vault  | 8.0 SP4 [5]  | 32     | Windows Server 2008 R2 | x86-64           | 64     | 7.0.1            |
| Enterprise Vault  | 8.0 [5]      | 32     | Windows Server 2008    | x86-64           | 64     | 7.0              |

1. Supported on SQL Server 2008 SP1, SP2, and R2 (64-bit), SQL Server 2012 (64-bit), and SQL Server 2014.
2. Enterprise Vault agent is not supported when used with Enterprise Vault 10 and a SQL Server configured in a VCS cluster.
3. Supported on SQL Server 2008 SP1, SP2, and R2 (64-bit).
4. Supported on SQL Server 2012 (64-bit).
5. Supported on SQL Server 2005 SP4. NetBackup 8.0 and later versions do not support SQL Server 2005 SP4.

# 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  | 11.1    | 64     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | AIX 7.1                         | POWER            | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | Windows Server 2012             | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 11.1    | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 10.5    | 64     | AIX 7.1                         | POWER            | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | AIX 6.1                         | POWER            | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | HP-UX 11.31                     | IA64             | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.2            |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Red Hat Enterprise Linux 7      | z/Architecture   | 64     | 7.7.2            |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Red Hat Enterprise Linux 6      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Solaris 10                      | SPARC            | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | Solaris 10                      | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5    | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.2            |

# IBM DB2 - Supported Configurations

| Database Software | Version  | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|----------|--------|---------------------------------|------------------|--------|------------------|
| DB2 UDB - EE/DPF  | 10.5     | 64     | SUSE Linux Enterprise Server 12 | z/Architecture   | 64     | 7.7.2            |
| DB2 UDB - EE/DPF  | 10.5     | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5     | 64     | SUSE Linux Enterprise Server 11 | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 10.5     | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5     | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5     | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 10.5     | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.7.3            |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | AIX 7.1                         | POWER            | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | AIX 6.1                         | POWER            | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | HP-UX 11.31                     | IA64             | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Red Hat Enterprise Linux 6      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Red Hat Enterprise Linux 5      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Solaris 10                      | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | SUSE Linux Enterprise Server 11 | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Windows Server 2008             | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.5.0.5          |
| DB2 UDB - EE/DPF  | 10.1 [1] | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| DB2 UDB - EE/DPF  | 9.7 [1]  | 64     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| DB2 UDB - EE/DPF  | 9.7 [1]  | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1]  | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0.1            |
| DB2 UDB - EE/DPF  | 9.7 [1]  | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.0.1            |



## IBM DB2 - Supported Configurations

| Database Software | Version | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|---------------------------------|------------------|--------|------------------|
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Red Hat Enterprise Linux 6      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Red Hat Enterprise Linux 5      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | SUSE Linux Enterprise Server 11 | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.7 [1] | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/DPF  | 9.5 [1] | 64     | Red Hat Enterprise Linux 6      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 9.5 [1] | 64     | Red Hat Enterprise Linux 5      | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/DPF  | 9.5 [1] | 64     | SUSE Linux Enterprise Server 11 | z/Architecture   | 64     | 7.6              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | AIX 7.1                         | POWER            | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | Solaris 10                      | x86-64           | 64     | 7.0.1            |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| DB2 UDB - EE/EEE  | 9.5 [1] | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |

## IBM DB2 - Supported Configurations

| Database Software | Version | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|---------------------------------|------------------|--------|------------------|
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| DB2 UDB - EE/EEE  | 9.1 [1] | 64     | Windows Server 2008             | x86-64           | 32     | 7.0              |

1. NetBackup 8.1 and later does not support this version of DB2.

# 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      | 12.1 [1] | 64     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| Informix IDS      | 12.1     | 64     | AIX 7.1                         | POWER            | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | AIX 6.1                         | POWER            | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.5              |
| Informix IDS      | 12.1 [2] | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.2            |
| Informix IDS      | 12.1     | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | Solaris 11                      | SPARC            | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | Solaris 11                      | x86-64           | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | Solaris 10                      | SPARC            | 64     | 7.5              |
| Informix IDS      | 12.1     | 64     | Solaris 10                      | x86-64           | 64     | 7.5              |
| Informix IDS      | 12.1 [2] | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.2            |
| Informix IDS      | 12.1     | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.5              |
| Informix IDS      | 11.7     | 64     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| Informix IDS      | 11.7     | 64     | AIX 6.1                         | POWER            | 64     | 7.0.1            |
| Informix IDS      | 11.7     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0.1            |
| Informix IDS      | 11.7     | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.0.1            |
| Informix IDS      | 11.7     | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0.1            |
| Informix IDS      | 11.7     | 64     | Solaris 11                      | SPARC            | 64     | 7.5              |
| Informix IDS      | 11.7     | 64     | Solaris 11                      | x86-64           | 64     | 7.5              |

## IBM Informix - Supported Configurations

| Database Software | Version | DB Bit | OS                         | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|----------------------------|------------------|--------|------------------|
| Informix IDS      | 11.7    | 64     | Solaris 10                 | SPARC            | 64     | 7.0.1            |
| Informix IDS      | 11.7    | 64     | Solaris 10                 | x86-64           | 64     | 7.5              |
| Informix IDS      | 11.5    | 64     | AIX 6.1                    | POWER            | 64     | 7.0              |
| Informix IDS      | 11.5    | 64     | HP-UX 11.31                | IA64             | 64     | 7.0              |
| Informix IDS      | 11.5    | 64     | Red Hat Enterprise Linux 5 | x86-64           | 64     | 7.0              |
| Informix IDS      | 11.5    | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix IDS      | 11.5    | 64     | Solaris 10                 | x86-64           | 64     | 7.5              |
| Informix IDS      | 11.1    | 64     | AIX 6.1                    | POWER            | 64     | 7.0              |
| Informix IDS      | 11.1    | 64     | HP-UX 11.31                | IA64             | 64     | 7.0              |
| Informix IDS      | 11.1    | 64     | Red Hat Enterprise Linux 5 | x86-64           | 64     | 7.0              |
| Informix IDS      | 11.1    | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix IDS      | 10      | 64     | AIX 6.1                    | POWER            | 64     | 7.0              |
| Informix IDS      | 10      | 64     | Red Hat Enterprise Linux 5 | x86-64           | 64     | 7.0              |
| Informix IDS      | 10      | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix IDS      | 9.4     | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix IDS      | 7.31    | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix XPS      | 8.51    | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |
| Informix XPS      | 8.5     | 64     | HP-UX 11.31                | IA64             | 64     | 7.0              |
| Informix XPS      | 8.5     | 64     | Red Hat Enterprise Linux 5 | x86-64           | 64     | 7.0              |
| Informix XPS      | 8.5     | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |

1. Informix 12.1 FC8 and above is supported from NetBackup 7.7.3.
2. Informix 12.1 FC1 to FC5 and FC7 is supported from NetBackup 7.7.2.

# IBM Lotus Domino

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 Lotus Domino - Supported Configurations

| Database Software | Version     | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|-------------|--------|---------------------------------|------------------|--------|------------------|
| Domino            | 9.0 [1]     | 64     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| Domino            | 9.0         | 64     | AIX 7.1                         | POWER            | 64     | 7.5.0.7          |
| Domino            | 9.0 [2]     | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.6.1.1          |
| Domino            | 9.0         | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.6.1.1          |
| Domino            | 9.0 [3] [4] | 32     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.6.1.1          |
| Domino            | 9.0 [3]     | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.6.1.1          |
| Domino            | 9.0         | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.5.0.7          |
| Domino            | 9.0         | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.5.0.6          |
| Domino            | 9.0         | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| Domino            | 9.0 [5]     | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.6.0.3          |
| Lotus Domino      | 8.5 [4]     | 32     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| Lotus Domino      | 8.5         | 64     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| Lotus Domino      | 8.5 [4] [6] | 32     | AIX 6.1                         | POWER            | 64     | 7.0              |
| Lotus Domino      | 8.5 [6]     | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| Lotus Domino      | 8.5 [4]     | 32     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.1.0.4          |
| Lotus Domino      | 8.5 [4]     | 32     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| Lotus Domino      | 8.5 [4] [6] | 32     | Solaris 10                      | SPARC            | 64     | 7.0              |
| Lotus Domino      | 8.5 [4]     | 32     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.1.0.4          |
| Lotus Domino      | 8.5 [4] [6] | 32     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| Lotus Domino      | 8.5 [6]     | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |

## IBM Lotus Domino - Supported Configurations

| Database Software | Version | DB Bit | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|------------------------|------------------|--------|------------------|
| Lotus Domino      | 8.5 [6] | 32     | Windows Server 2008    | x86-64           | 64     | 7.0              |
| Lotus Domino      | 8.5 [6] | 64     | Windows Server 2008    | x86-64           | 64     | 7.0              |
| Lotus Domino      | 8.5 [6] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.0              |
| Lotus Domino      | 8.0     | 64     | AIX 6.1                | POWER            | 64     | 7.0              |

1. Domino patch version 9.0.1 FP6 is required.
2. Domino patch version 9.0.1 FP2 is required.
3. Domino patch version 9.0.1 FP3 IF1 is required.
4. NetBackup 7.7.3 and later does not support this operating system on this CPU architecture.
5. Domino patch version 9.0.1 is required.
6. Reference Article <<http://www.veritas.com/docs/000038147>> Using NetBackup to Protect Lotus Domino Servers that are configured to use the Domino Attachment and Object Services (DAOS)

# 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

In IPV6-enabled NetBackup 7.7 and later environments, Granular Recovery Technology (GRT) is not supported for Exchange Server.

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. For example, for Exchange 2010, the OS of the granular proxy host must be Windows 2008 SP2, Windows 2008 R2, or Windows 2012. 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          | 2016 CU10 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU10 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU10 [1] | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU9 [1]  | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU9 [1]  | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU9 [1]  | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU8 [1]  | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU8 [1]  | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU8 [1]  | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU7 [1]  | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU7 [1]  | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU7 [1]  | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU6 [1]  | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU6 [1]  | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU6 [1]  | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU5 [1]  | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |

# Microsoft Exchange - Supported Configurations

| Database Software | Version       | DB Bit | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------------|--------|------------------------|------------------|--------|------------------|
| Exchange          | 2016 CU5 [1]  | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU5 [1]  | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU4      | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU4      | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU4      | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU3      | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU3      | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2016 CU2      | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.2            |
| Exchange          | 2016 CU2      | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.2            |
| Exchange          | 2016 CU1      | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.2            |
| Exchange          | 2016 CU1      | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.2            |
| Exchange          | 2016          | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.1            |
| Exchange          | 2016          | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.1            |
| Exchange          | 2013 SP1      | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 SP1      | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 SP1      | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU21 [1] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU21 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU21 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU20 [1] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU20 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU20 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU19 [1] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU19 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU19 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU18 [1] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |



## Microsoft Exchange - Supported Configurations

| Database Software | Version       | DB Bit | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------------|--------|------------------------|------------------|--------|------------------|
| Exchange          | 2013 CU18 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU18 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU17 [1] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU17 [1] | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU17 [1] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU16     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU16     | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU16     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU15     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU15     | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU15     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| Exchange          | 2013 CU14     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU14     | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU14     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU13     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU13     | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU13     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU12     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU12     | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU12     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU11 [2] | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU11 [2] | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU11 [2] | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU10     | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU10     | 64     | Windows Server 2012    | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU10     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.5.0.7          |

## Microsoft Exchange - Supported Configurations

| Database Software | Version  | DB Bit | OS                      | CPU Architecture | OS Bit | Start of Support |
|-------------------|----------|--------|-------------------------|------------------|--------|------------------|
| Exchange          | 2013 CU9 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU9 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU9 | 64     | Windows Server 2012 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU8 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU8 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU8 | 64     | Windows Server 2012 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU7 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU7 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU7 | 64     | Windows Server 2012 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU6 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU6 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU6 | 64     | Windows Server 2012 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU5 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU5 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU5 | 64     | Windows Server 2012 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU3 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013 CU3 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.7          |
| Exchange          | 2013     | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.6          |
| Exchange          | 2013     | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.6          |
| Exchange          | 2010 SP3 | 64     | Windows Server 2008 SP2 | x86-64           | 64     | 7.5.0.5          |
| Exchange          | 2010 SP3 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.5.0.5          |
| Exchange          | 2010 SP3 | 64     | Windows Server 2012     | x86-64           | 64     | 7.5.0.6          |
| Exchange          | 2010 SP2 | 64     | Windows Server 2008 SP2 | x86-64           | 64     | 7.1.0.3          |
| Exchange          | 2010 SP2 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.1.0.3          |
| Exchange          | 2010 SP1 | 64     | Windows Server 2008 SP2 | x86-64           | 64     | 7.0.1            |
| Exchange          | 2010 SP1 | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.0.1            |

## Microsoft Exchange - Supported Configurations

| Database Software | Version      | DB Bit | OS                      | CPU Architecture | OS Bit | Start of Support |
|-------------------|--------------|--------|-------------------------|------------------|--------|------------------|
| Exchange          | 2010         | 64     | Windows Server 2008 SP2 | x86-64           | 64     | 7.0              |
| Exchange          | 2010         | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.0              |
| Exchange          | 2007 SP3 [3] | 64     | Windows Server 2008     | x86-64           | 64     | 7.0.1            |
| Exchange          | 2007 SP3 [3] | 64     | Windows Server 2008 R2  | x86-64           | 64     | 7.0.1            |
| Exchange          | 2007 SP2 [3] | 64     | Windows Server 2008     | x86-64           | 64     | 7.0.1            |
| Exchange          | 2007 SP1 [3] | 64     | Windows Server 2008     | x86-64           | 64     | 7.0              |

1. Please refer to Technote <<https://www.veritas.com/docs/000126742>> for workaround.
2. Please refer to Technote <<http://www.veritas.com/docs/000107463>> for workaround.
3. NetBackup 8.1 and later does not support this operating system on this CPU architecture.

# 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 except where noted below. NetBackup does not support Granular Recovery Technology (GRT) in IPV6-enabled environments at this time.

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

**Note:** NetBackup 8.0 and later versions do not support SQL Server Version 2005.

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        | 2016 [1]     | 64     | 2014                      | Windows Server 2012 R2     | x86-64           | 64     | 7.7.3                                |
| SharePoint        | 2016 [1] [2] | 64     | 2014                      | Windows Server 2016        | x86-64           | 64     | 7.7.3                                |
| SharePoint        | 2013 SP1     | 64     | 2008 R2, 2012, 2014       | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.7                              |
| SharePoint        | 2013 SP1     | 64     | 2008 R2, 2012, 2014       | Windows Server 2012        | x86-64           | 64     | 7.5.0.7                              |
| SharePoint        | 2013 SP1     | 64     | 2008 R2, 2012, 2014       | Windows Server 2012 R2     | x86-64           | 64     | 7.5.0.7                              |
| SharePoint        | 2013         | 64     | 2008 R2, 2012, 2014       | Windows Server 2008 R2 SP2 | x86-64           | 64     | 7.5.0.6                              |
| SharePoint        | 2013         | 64     | 2008 R2, 2012, 2014       | Windows Server 2012        | x86-64           | 64     | 7.5.0.6                              |
| SharePoint        | 2010 SP2     | 64     | 2008 R2, 2012             | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.6                              |
| SharePoint        | 2010 SP2     | 64     | 2008 R2, 2012             | Windows Server 2012        | x86-64           | 64     | 7.5.0.6                              |
| SharePoint        | 2010 SP1     | 64     | 2005, 2008, 2008 R2       | Windows Server 2008 SP2    | x86-64           | 64     | 7.1.0.3                              |
| SharePoint        | 2010 SP1     | 64     | 2005, 2008, 2008 R2, 2012 | Windows Server 2008 R2     | x86-64           | 64     | 7.1.0.3 (NetBackup 7.5 for SQL 2012) |
| SharePoint        | 2010         | 64     | 2005, 2008, 2008 R2       | Windows Server 2008 SP2    | x86-64           | 64     | 7.0.1                                |
| SharePoint        | 2010         | 64     | 2005, 2008, 2008 R2       | Windows Server 2008 R2     | x86-64           | 64     | 7.0.1                                |
| SharePoint        | 2007 SP3 [3] | 32     | 2005, 2008, Express       | Windows Server 2008        | x86-32           | 32     | 7.1.0.3                              |
| SharePoint        | 2007 SP3 [3] | 64     | 2005, 2008, Express       | Windows Server 2008        | x86-64           | 64     | 7.1.0.3                              |

## Microsoft SharePoint - Supported Configurations

| Database Software | Version                      | DB Bit | SQL Server Version  | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|------------------------------|--------|---------------------|------------------------|------------------|--------|------------------|
| SharePoint        | 2007 SP3 <a href="#">[3]</a> | 64     | 2005, 2008, Express | Windows Server 2008 R2 | x86-64           | 64     | 7.1.0.3          |
| SharePoint        | 2007 SP2 <a href="#">[3]</a> | 32     | 2005, 2008, Express | Windows Server 2008    | x86-32           | 32     | 7.0              |
| SharePoint        | 2007 SP2 <a href="#">[3]</a> | 64     | 2005, 2008, Express | Windows Server 2008    | x86-64           | 64     | 7.0              |
| SharePoint        | 2007 SP2 <a href="#">[3]</a> | 64     | 2005, 2008, Express | Windows Server 2008 R2 | x86-64           | 64     | 7.0              |
| SharePoint        | 2007 SP1 <a href="#">[3]</a> | 32     | 2005, 2008, Express | Windows Server 2008    | x86-32           | 32     | 7.0              |
| SharePoint        | 2007 SP1 <a href="#">[3]</a> | 64     | 2005, 2008, Express | Windows Server 2008    | x86-64           | 64     | 7.0              |
| SharePoint        | 2007 SP1 <a href="#">[3]</a> | 64     | 2005, 2008, Express | Windows Server 2008 R2 | x86-64           | 64     | 7.0              |
| SharePoint        | 2007 <a href="#">[3]</a>     | 32     | 2005, 2008, Express | Windows Server 2008    | x86-32           | 32     | 7.0              |
| SharePoint        | 2007 <a href="#">[3]</a>     | 64     | 2005, 2008, Express | Windows Server 2008    | x86-64           | 64     | 7.0              |
| SharePoint        | 2007 <a href="#">[3]</a>     | 64     | 2005, 2008, Express | Windows Server 2008 R2 | x86-64           | 64     | 7.0              |

1. NetBackup 7.7.3 and later supports SharePoint 2016 with SQL Server 2014 SP1.
2. NetBackup 7.7.3 and later supports SharePoint 2016 September 2016 CU and later.
3. NetBackup 8.1 and later does not support this operating system on this CPU architecture.

# Microsoft SQL Server

NetBackup supports the following SQL Server versions and editions:

- SQL Server 2016: Enterprise, Standard, Express, Developer
- SQL Server 2014: Enterprise, Standard, BI, Express, Web
- SQL Server 2012: Enterprise, Standard, Business, Express, Web
- SQL Server 2008/2008 R2: Datacenter: Enterprise, Standard, Workgroup, Express, Web
- SQL Server 2005: Enterprise, Standard, Express

Beginning with NetBackup 7.7.2, 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.

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

Windows Service Packs (SPs) are supported by default, unless noted.

For any SQL Service Pack (SPs) supported by NetBackup, its Cumulative Updates (CU) are also supported, unless otherwise noted.

All SQL Server versions listed below are start of support. Refer to the Database/Application vendor for specific Operating System requirements.

## Microsoft SQL Server - Supported Configurations

| Database Software | Version  | DB Bit | OS                     | CPU Architecture | OS Bit | Start of Support |
|-------------------|--|--------|------------------------|------------------|--------|------------------|
| SQL Server        | 2016 SP2 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 SP2 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 SP2 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 SP1 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 SP1 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 SP1 <a href="#">[1]</a> <a href="#">[2]</a> | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 <a href="#">[1]</a> <a href="#">[2]</a>     | 64     | Windows Server 2012    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 <a href="#">[1]</a> <a href="#">[2]</a>     | 64     | Windows Server 2012 R2 | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2016 <a href="#">[1]</a> <a href="#">[2]</a>     | 64     | Windows Server 2016    | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2014 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008    | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2 | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012    | x86-64           | 64     | 7.6.0.3          |

## Microsoft SQL Server - Supported Configurations

| Database Software | Version  | DB Bit | OS                         | CPU Architecture | OS Bit | Start of Support |
|-------------------|--|--------|----------------------------|------------------|--------|------------------|
| SQL Server        | 2014 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008        | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012        | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 <a href="#">[2]</a> <a href="#">[3]</a>     | 64     | Windows Server 2008        | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 <a href="#">[2]</a> <a href="#">[3]</a>     | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 <a href="#">[2]</a> <a href="#">[3]</a>     | 64     | Windows Server 2012        | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2014 <a href="#">[2]</a> <a href="#">[3]</a>     | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.3          |
| SQL Server        | 2012 SP4 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2012 SP4 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012        | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2012 SP4 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.7.3            |
| SQL Server        | 2012 SP3 <a href="#">[2]</a> <a href="#">[3]</a> | 32     | Windows Server 2008 SP2    | x86-32           | 32     | 7.5              |
| SQL Server        | 2012 SP3 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2012 SP3 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012        | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2012 SP3 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2012 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 32     | Windows Server 2008 SP2    | x86-32           | 32     | 7.5              |
| SQL Server        | 2012 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2012 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012        | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2012 SP2 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2012 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 32     | Windows Server 2008 SP2    | x86-32           | 32     | 7.5              |
| SQL Server        | 2012 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 SP2    | x86-64           | 64     | 7.5              |
| SQL Server        | 2012 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2008 R2 SP1 | x86-64           | 64     | 7.5              |
| SQL Server        | 2012 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012        | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2012 SP1 <a href="#">[2]</a> <a href="#">[3]</a> | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2012 <a href="#">[2]</a> <a href="#">[3]</a>     | 32     | Windows Server 2008 SP2    | x86-32           | 32     | 7.5              |

## Microsoft SQL Server - Supported Configurations

| Database Software | Version      | DB Bit | OS                         | CPU Architecture | OS Bit | Start of Support |
|-------------------|--------------|--------|----------------------------|------------------|--------|------------------|
| SQL Server        | 2012 [2] [3] | 64     | Windows Server 2008 SP2    | x86-64           | 64     | 7.5              |
| SQL Server        | 2012 [2] [3] | 64     | Windows Server 2008 R2 SP1 | x86-64           | 64     | 7.5              |
| SQL Server        | 2012 [2] [3] | 64     | Windows Server 2012        | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2012 [2] [3] | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2008 R2 SP3  | 32     | Windows Server 2008 SP2    | x86-32           | 32     | 7.5              |
| SQL Server        | 2008 R2 SP3  | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2008 R2 SP3  | 64     | Windows Server 2012        | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2008 R2 SP3  | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2008 R2 SP1  | 64     | Windows Server 2012        | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2008 R2      | 32     | Windows Server 2008        | x86-32           | 32     | 7.0.1            |
| SQL Server        | 2008 R2      | 64     | Windows Server 2008        | x86-64           | 64     | 7.0.1            |
| SQL Server        | 2008 R2      | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.0.1            |
| SQL Server        | 2008 R2      | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2008 SP4     | 32     | Windows Server 2008        | x86-32           | 32     | 7.5              |
| SQL Server        | 2008 SP4     | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2008 SP4     | 64     | Windows Server 2012        | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2008 SP4     | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2008 SP2     | 64     | Windows Server 2012        | x86-64           | 64     | 7.5.0.6          |
| SQL Server        | 2008         | 32     | Windows Server 2008        | x86-32           | 32     | 7.0              |
| SQL Server        | 2008         | 64     | Windows Server 2008        | x86-64           | 64     | 7.0              |
| SQL Server        | 2008         | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.0              |
| SQL Server        | 2008         | 64     | Windows Server 2012 R2     | x86-64           | 64     | 7.6.0.2          |
| SQL Server        | 2005 [4]     | 32     | Windows Server 2008        | x86-32           | 32     | 7.0              |
| SQL Server        | 2005 [4]     | 32     | Windows Server 2008        | x86-64           | 32     | 7.0              |
| SQL Server        | 2005 [4]     | 64     | Windows Server 2008        | x86-64           | 64     | 7.0              |
| SQL Server        | 2005 [4]     | 64     | Windows Server 2008 R2     | x86-64           | 64     | 7.0              |



1. NetBackup 7.7.1 is the start of support for AlwaysOn Availability Groups (AGs) with SQL Server policies that use the option "Clients for use with batch files". NetBackup does not support AGs with SQL Server Intelligent Policies at this time. NetBackup does not support AGs on Windows 2016 multi-domain clusters at this time.
2. NetBackup does not support the SQL Server agent in SQL Azure environments at this time.
3. NetBackup 7.7.1 is the start of support for AlwaysOn Availability Groups (AGs) with SQL Server policies that use the option "Clients for use with batch files". NetBackup does not support AGs with SQL Server Intelligent Policies at this time.
4. Supported only on SQL Server 2005 SP4. NetBackup 8.0 and later versions do not support SQL Server 2005 SP4.

# 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            | 12c R2     | 64     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | AIX 7.1                         | POWER            | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Oracle Linux 7                  | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Oracle Linux 6                  | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2 [1] | 64     | Red Hat Enterprise Linux 7      | z/Architecture   | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Solaris 11                      | SPARC            | 64     | 7.7.3            |
| Oracle            | 12c R2 [1] | 64     | Solaris 11                      | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2 [1] | 64     | SUSE Linux Enterprise Server 12 | z/Architecture   | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Windows Server 2012             | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R2     | 64     | Windows Server 2016             | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R1     | 64     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| Oracle            | 12c R1     | 64     | AIX 7.1                         | POWER            | 64     | 7.6.0.2          |
| Oracle            | 12c R1     | 64     | AIX 6.1                         | POWER            | 64     | 7.6.0.2          |
| Oracle            | 12c R1     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.6.0.2          |

## Oracle Database - Supported Configurations

| Database Software | Version                    | DB Bit | OS                                 | CPU Architecture | OS Bit | Start of Support |
|-------------------|----------------------------|--------|------------------------------------|------------------|--------|------------------|
| Oracle            | 12c R1                     | 64     | Oracle Linux 7                     | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R1                     | 64     | Oracle Linux 6                     | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Oracle Linux 5 <a href="#">[2]</a> | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Red Hat Enterprise Linux 7         | x86-64           | 64     | 7.6.1.2          |
| Oracle            | 12c R1                     | 64     | Red Hat Enterprise Linux 6         | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | Red Hat Enterprise Linux 6         | z/Architecture   | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Red Hat Enterprise Linux 5         | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | Red Hat Enterprise Linux 5         | z/Architecture   | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Solaris 11                         | SPARC            | 64     | 7.6.0.2          |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | Solaris 11                         | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Solaris 10                         | SPARC            | 64     | 7.6.0.2          |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | Solaris 10                         | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | SUSE Linux Enterprise Server 12    | x86-64           | 64     | 7.7.3            |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | SUSE Linux Enterprise Server 12    | z/Architecture   | 64     | 7.7.3            |
| Oracle            | 12c R1                     | 64     | SUSE Linux Enterprise Server 11    | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1 <a href="#">[1]</a> | 64     | SUSE Linux Enterprise Server 11    | z/Architecture   | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Windows Server 2008                | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Windows Server 2008 R2             | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 12c R1                     | 64     | Windows Server 2012 R2             | x86-64           | 64     | 7.6.0.3          |
| Oracle            | 12c R1                     | 64     | Windows Server 2012                | x86-64           | 64     | 7.6.0.2          |
| Oracle            | 11g R2                     | 64     | Windows Server 2012 R2             | x86-64           | 64     | 7.6.0.3          |
| Oracle            | 11g R2                     | 64     | AIX 7.2                            | POWER            | 64     | 7.7.3            |
| Oracle            | 11g R2                     | 64     | AIX 7.1                            | POWER            | 64     | 7.0.1            |
| Oracle            | 11g R2                     | 64     | AIX 6.1                            | POWER            | 64     | 7.0              |
| Oracle            | 11g R2                     | 64     | HP-UX 11.31                        | IA64             | 64     | 7.0              |
| Oracle            | 11g R2                     | 64     | Oracle Linux 6                     | x86-64           | 64     | 7.0.1            |

## Oracle Database - Supported Configurations

| Database Software | Version  | DB Bit | OS                                 | CPU Architecture | OS Bit | Start of Support |
|-------------------|--|--------|------------------------------------|------------------|--------|------------------|
| Oracle            | 11g R2   | 64     | Oracle Linux 5 <a href="#">[2]</a> | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2   | 64     | Red Hat Enterprise Linux 7         | x86-64           | 64     | 7.6.1.2          |
| Oracle            | 11g R2   | 64     | Red Hat Enterprise Linux 6         | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2 <a href="#">[1]</a> <a href="#">[3]</a> | 64     | Red Hat Enterprise Linux 6         | z/Architecture   | 64     | 7.1              |
| Oracle            | 11g R2   | 64     | Red Hat Enterprise Linux 5         | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2 <a href="#">[1]</a> <a href="#">[3]</a> | 64     | Red Hat Enterprise Linux 5         | z/Architecture   | 64     | 7.1              |
| Oracle            | 11g R2   | 64     | Solaris 11                         | SPARC            | 64     | 7.1              |
| Oracle            | 11g R2 <a href="#">[1]</a>                     | 64     | Solaris 11                         | x86-64           | 64     | 7.1              |
| Oracle            | 11g R2   | 64     | Solaris 10                         | SPARC            | 64     | 7.0              |
| Oracle            | 11g R2 <a href="#">[1]</a>                     | 64     | Solaris 10                         | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2   | 64     | SUSE Linux Enterprise Server 11    | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2 <a href="#">[1]</a> <a href="#">[3]</a> | 64     | SUSE Linux Enterprise Server 11    | z/Architecture   | 64     | 7.1              |
| Oracle            | 11g R2   | 64     | SUSE Linux Enterprise Server 10    | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2   | 32     | Windows Server 2008                | x86-32           | 32     | 7.0              |
| Oracle            | 11g R2   | 64     | Windows Server 2008                | x86-64           | 64     | 7.0              |
| Oracle            | 11g R2   | 64     | Windows Server 2008 R2             | x86-64           | 64     | 7.0.1            |
| Oracle            | 11g R2   | 64     | Windows Server 2012                | x86-64           | 64     | 7.5.0.6          |
| Oracle            | 11g R1   | 64     | AIX 6.1                            | POWER            | 64     | 7.0              |
| Oracle            | 11g R1   | 64     | HP-UX 11.31                        | IA64             | 64     | 7.0              |
| Oracle            | 11g R1   | 64     | Oracle Linux 6                     | x86-64           | 64     | 7.0.1            |
| Oracle            | 11g R1   | 64     | Red Flag Linux 5.0 DC              | x86-64           | 64     | 7.0              |
| Oracle            | 11g R1   | 64     | Oracle Linux 5 <a href="#">[2]</a> | x86-64           | 64     | 7.0.1            |
| Oracle            | 11g R1   | 64     | Red Hat Enterprise Linux 5         | x86-64           | 64     | 7.0              |
| Oracle            | 11g R1   | 64     | Solaris 10                         | SPARC            | 64     | 7.0              |
| Oracle            | 11g R1   | 64     | SUSE Linux Enterprise Server 10    | x86-64           | 64     | 7.0              |
| Oracle            | 11g R1   | 32     | Windows Server 2008                | x86-32           | 32     | 7.0              |

## Oracle Database - Supported Configurations

| Database Software | Version | DB Bit | OS                  | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|---------------------|------------------|--------|------------------|
| Oracle            | 11g R1  | 64     | Windows Server 2008 | x86-64           | 64     | 7.0              |

1. This architecture does not support the "Whole Database - Datafile Copy Share" option.
2. This version of the Oracle Agent is supported on the Oracle Unbreakable Linux Kernel. The Unbreakable Enterprise Kernel installs directly on top of Oracle Linux 5 starting with Update 5.
3. Reference <<http://www.veritas.com/docs/000013908>> in regards to linking Oracle 11g R2 with NetBackup on zLinux platforms.

# SAP ASE

## SAP ASE - Supported Configurations

| Database Software | Version  | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|----------|--------|---------------------------------|------------------|--------|------------------|
| SAP ASE           | 16 [1]   | 64     | AIX 7.1                         | POWER            | 64     | 7.6.0.4          |
| SAP ASE           | 16 [1]   | 64     | AIX 6.1                         | POWER            | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | HP-UX 11.31                     | IA64             | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16 [1]   | 64     | Solaris 11                      | SPARC            | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Solaris 11                      | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16 [1]   | 64     | Solaris 10                      | SPARC            | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Solaris 10                      | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.2            |
| SAP ASE           | 16       | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Windows Server 2012             | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 16       | 64     | Windows Server 2016             | x86-64           | 64     | 7.6.0.4          |
| SAP ASE           | 15.7 [1] | 64     | AIX 7.1                         | POWER            | 64     | 7.1              |
| SAP ASE           | 15.7 [1] | 64     | AIX 6.1                         | POWER            | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.3            |
| SAP ASE           | 15.7     | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.1              |
| SAP ASE           | 15.7 [1] | 64     | Solaris 11                      | SPARC            | 64     | 7.5              |

## SAP ASE - Supported Configurations

| Database Software | Version  | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|-------------------|----------|--------|---------------------------------|------------------|--------|------------------|
| SAP ASE           | 15.7     | 64     | Solaris 11                      | x86-64           | 64     | 7.5              |
| SAP ASE           | 15.7 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | Solaris 10                      | x86-64           | 64     | 7.5              |
| SAP ASE           | 15.7     | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.1              |
| SAP ASE           | 15.7     | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| SAP ASE           | 15.5 [1] | 64     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| SAP ASE           | 15.5 [1] | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| SAP ASE           | 15.5     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.1              |
| SAP ASE           | 15.5     | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.0.1            |
| SAP ASE           | 15.5     | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| SAP ASE           | 15.5 [1] | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| SAP ASE           | 15.5     | 64     | Solaris 10                      | x86-64           | 64     | 7.5              |
| SAP ASE           | 15.5     | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.0              |
| SAP ASE           | 15 [1]   | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| SAP ASE           | 15       | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| SAP ASE           | 15       | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| SAP ASE           | 15 [1]   | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| SAP ASE           | 15       | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| SAP ASE           | 15       | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |

1. NetBackup 7.7.3 does not support this version of SAP ASE on this operating system and CPU architecture.

# SAP HANA

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 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 Update 5 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 7 Update 4 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 7 Update 3 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 7 Update 2 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 7 Update 1 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 7          | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 6 Update 7 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 6 Update 6 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | Red Hat Enterprise Linux 6 Update 5 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | SUSE Linux Enterprise Server 12 SP1 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | SUSE Linux Enterprise Server 12     | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | SUSE Linux Enterprise Server 11 SP4 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 12     | 64     | SUSE Linux Enterprise Server 11 SP3 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | Red Hat Enterprise Linux 6 Update 7 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | Red Hat Enterprise Linux 6 Update 6 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | Red Hat Enterprise Linux 6 Update 5 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | SUSE Linux Enterprise Server 12     | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | SUSE Linux Enterprise Server 11 SP4 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 11     | 64     | SUSE Linux Enterprise Server 11 SP3 | x86-64           | 64     | 7.7.1            |
| SAP HANA          | SPS 10 [1] | 64     | Red Hat Enterprise Linux 6 Update 5 | x86-64           | 64     | 7.6.1.2          |



## SAP HANA - Supported Configurations

| Database Software | Version    | DB Bit | OS                                  | CPU Architecture | OS Bit | Start of Support |
|-------------------|------------|--------|-------------------------------------|------------------|--------|------------------|
| SAP HANA          | SPS 10 [1] | 64     | SUSE Linux Enterprise Server 11 SP3 | x86-64           | 64     | 7.6.1.2          |
| SAP HANA          | SPS 09     | 64     | Red Hat Enterprise Linux 6 Update 5 | x86-64           | 64     | 7.6.1.1          |
| SAP HANA          | SPS 09     | 64     | SUSE Linux Enterprise Server 11 SP3 | x86-64           | 64     | 7.6.1.1          |
| SAP HANA          | SPS 08     | 64     | Red Hat Enterprise Linux 6 Update 5 | x86-64           | 64     | 7.6.1.1          |
| SAP HANA          | SPS 08     | 64     | SUSE Linux Enterprise Server 11 SP3 | x86-64           | 64     | 7.6.0.2          |
| SAP HANA 2.0      | SPS 03     | 64     | Red Hat Enterprise Linux 7 Update 5 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | Red Hat Enterprise Linux 7 Update 4 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | Red Hat Enterprise Linux 7 Update 3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | Red Hat Enterprise Linux 7 Update 2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | SUSE Linux Enterprise Server 12 SP3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | SUSE Linux Enterprise Server 12 SP2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 03     | 64     | SUSE Linux Enterprise Server 12 SP1 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | Red Hat Enterprise Linux 7 Update 4 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | Red Hat Enterprise Linux 7 Update 3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | Red Hat Enterprise Linux 7 Update 2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | SUSE Linux Enterprise Server 12 SP3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | SUSE Linux Enterprise Server 12 SP2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 02     | 64     | SUSE Linux Enterprise Server 12 SP1 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 01     | 64     | Red Hat Enterprise Linux 7 Update 3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 01     | 64     | Red Hat Enterprise Linux 7 Update 2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 01     | 64     | SUSE Linux Enterprise Server 12 SP2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 01     | 64     | SUSE Linux Enterprise Server 12 SP1 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 00     | 64     | Red Hat Enterprise Linux 7 Update 3 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 00     | 64     | Red Hat Enterprise Linux 7 Update 2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 00     | 64     | SUSE Linux Enterprise Server 12 SP2 | x86-64           | 64     | 7.7.1            |
| SAP HANA 2.0      | SPS 00     | 64     | SUSE Linux Enterprise Server 12 SP1 | x86-64           | 64     | 7.7.1            |

## SAP HANA - Supported Configurations

| Database Software | Version | DB Bit | OS                                  | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|-------------------------------------|------------------|--------|------------------|
| SAP HANA          | SPS 07  | 64     | SUSE Linux Enterprise Server 11 SP2 | x86-64           | 64     | 7.6.0.2          |
| SAP HANA          | SPS 06  | 64     | SUSE Linux Enterprise Server 11 SP1 | x86-64           | 64     | 7.5.0.6          |
| SAP HANA          | SPS 05  | 64     | SUSE Linux Enterprise Server 11 SP1 | x86-64           | 64     | 7.5.0.6          |

1. NetBackup 7.6.1.2 and later supports delta backups (incremental and differential) of a database instance. For SAP HANA SPS 10 backup and restore procedures, refer TECH231823.

# 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     | AIX 7.2                         | POWER            | 64     | 7.7.3            |
| SAP MaxDB         | 7       | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.7.1            |
| SAP MaxDB         | 7       | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.1              |
| SAP MaxDB         | 7       | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | Solaris 11                      | SPARC            | 64     | 7.5              |
| SAP MaxDB         | 7       | 64     | Solaris 11                      | x86-64           | 64     | 7.5              |
| SAP MaxDB         | 7       | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | Solaris 10                      | x86-64           | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.7.1            |
| SAP MaxDB         | 7       | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.1              |
| SAP MaxDB         | 7       | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| SAP MaxDB         | 7       | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| SAP MaxDB         | 7       | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |
| SAP MaxDB         | 7       | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.0.1            |
| SAP MaxDB         | 7       | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| SAP MaxDB         | 7       | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.6.0.2          |
| SAP MaxDB         | 7       | 64     | Windows Server 2016             | x86-64           | 64     | 7.7.3            |

# 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     | 7.7.3            |
| SAP Oracle        | 7       | 64     | AIX 7.1                         | POWER            | 64     | 7.0.1            |
| SAP Oracle        | 7       | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | Red Hat Enterprise Linux 7      | x86-64           | 64     | 7.6.1.1          |
| SAP Oracle        | 7       | 64     | Red Hat Enterprise Linux 6      | x86-64           | 64     | 7.1              |
| SAP Oracle        | 7       | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | Solaris 11                      | SPARC            | 64     | 7.5              |
| SAP Oracle        | 7       | 64     | Solaris 11                      | x86-64           | 64     | 7.5              |
| SAP Oracle        | 7       | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | Solaris 10                      | x86-64           | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | SUSE Linux Enterprise Server 12 | x86-64           | 64     | 7.6.1.1          |
| SAP Oracle        | 7       | 64     | SUSE Linux Enterprise Server 11 | x86-64           | 64     | 7.0.1            |
| SAP Oracle        | 7       | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |
| SAP Oracle        | 7       | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.0.1            |
| SAP Oracle        | 7       | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| SAP Oracle        | 7       | 64     | Windows Server 2012 R2          | x86-64           | 64     | 7.6.1.1          |

## SAP Oracle - Supported Configurations

| Database Software | Version | DB Bit | OS                         | CPU Architecture | OS Bit | Start of Support |
|-------------------|---------|--------|----------------------------|------------------|--------|------------------|
| SAP Oracle        | 6       | 64     | Red Hat Enterprise Linux 5 | x86-64           | 64     | 7.0              |
| SAP Oracle        | 6       | 64     | Solaris 10                 | SPARC            | 64     | 7.0              |

# XBSA Extensible Client

## XBSA Extensible Client - Supported Configurations

| Database Software      | Version           | DB Bit | OS                              | CPU Architecture | OS Bit | Start of Support |
|------------------------|-------------------|--------|---------------------------------|------------------|--------|------------------|
| XBSA Extensible Client | NetBackup 7.5.0.6 | 64     | Windows Server 2012             | x86-64           | 64     | 7.5.0.6          |
| XBSA Extensible Client | NetBackup 7.0     | 64     | AIX 6.1                         | POWER            | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | HP-UX 11.31                     | IA64             | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | Red Hat Enterprise Linux 5      | x86-64           | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | Solaris 10                      | SPARC            | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | Solaris 10                      | x86-64           | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | SUSE Linux Enterprise Server 10 | x86-64           | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 32     | Windows Server 2008             | x86-32           | 32     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | Windows Server 2008             | x86-64           | 64     | 7.0              |
| XBSA Extensible Client | NetBackup 7.0     | 64     | Windows Server 2008 R2          | x86-64           | 64     | 7.0              |