

Asigra Cloud Backup™ v13.3

Support Matrix v1.1

January 2018

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About this document

This document describes the various supported platforms where the Asigra Cloud Backup software can be installed as well as the different data sources supported by each product for backup and restore.

Important: Read this entire document before installing the Asigra Cloud Backup software.

Support matrix history

Version	Date	Summary
V1.0	September 29, 2017	Released for General Availability.
V1.1	January 12, 2018	Updated the "Third-party support policy" section.

Third-party support policy

This section describes the support policy for installing the Asigra Cloud Backup software on the various supported platforms and for backing up and restoring the various data sources supported by each product.

Asigra will provide support for the latest and penultimate versions of third-party software with the following caveats:

- Asigra will make all reasonable attempts to provide support for new third-party software versions of supported products released by the third-party vendor within 90 days of the vendor's release date.
- Asigra will discontinue installation support for third-party software versions within 90 days from the date that Mainstream Support for the third-party software version has ended.
- Asigra will provide Extended Support for the backup and restore support for third-party software versions (for which installation support has been discontinued) until the third-party vendor has announced that Extended Support for the third-party software version has ended.
- Asigra will only provide Extended Support for the backup and restore of third-party software versions if the vendor or Asigra has not changed the underlying technology and the customer has purchased an Extended Support contract with Asigra and has an Extended Support contract with the respective third-party vendor. For more information about Asigra Extended Support, contact your Asigra sales representative.

Asigra reserves the right to end support for specific third-party software versions at any time. All Engineering Support for third-party software versions that have reached End of Life (EOL) will expire immediately after the third-party vendor has announced that Mainstream Support for the third-party software version has ended.

Client software installation support matrix

FullFeatured DS-Client (Windows, Linux, or Mac)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Essentials Standard Datacenter 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2008 R2 SP3 or 2008 Express R2 SP3 PostgreSQL <ul style="list-style-type: none"> 9.6
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Essentials or Essentials R2 Standard or Standard R2 Datacenter or Datacenter R2 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 Express R2 SP3 2005 SP4 or 2005 Express SP4
Windows 10 (32-bit or 64-bit) <ul style="list-style-type: none"> Pro Enterprise 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 Express R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4
Windows 8 or 8.1 (32-bit or 64-bit) <ul style="list-style-type: none"> Core Pro Enterprise 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 Express R2 SP3 2005 SP4 or 2005 Express SP4
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Datacenter SP2 or Datacenter R2 SP1 Small Business Server SP2 Windows Server 2008 (32-bit) <ul style="list-style-type: none"> Standard SP2 Enterprise SP2 	Microsoft SQL Server <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2 or 2012 Express SP2 2008 R2 SP3 or Express R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4
Windows SBS 2011 (64-bit) <ul style="list-style-type: none"> Standard 	Microsoft SQL Server <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2 or 2012 Express SP2 2008 R2 SP3 or Express R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4
Windows 7 (32-bit or 64-bit) <ul style="list-style-type: none"> Professional SP1 Enterprise SP1 Ultimate SP1 	Microsoft SQL Server <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2 or 2012 Express SP2 2008 R2 SP3 or Express R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4
Windows Vista (32-bit or 64-bit) <ul style="list-style-type: none"> Home Basic SP2 Home Premium SP2 Business SP2 Enterprise SP2 Ultimate SP2 	Microsoft SQL Server <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2 or 2012 Express SP2 2008 R2 SP3 or Express R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4

Operating System	Database
Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 5.11, 6.8, 6.9, 7.2, 7.3 6.7, 7.1 5.10, 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded), 9.4, 9.5, 9.6 9.4 (embedded), 9.4, 9.5 9.1 (embedded), 9.3
CentOS (64-bit) <ul style="list-style-type: none"> 6.8, 7.2, 7.3 6.7, 7.1 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded), 9.4, 9.5, 9.6 9.4 (embedded), 9.4, 9.5 9.1 (embedded), 9.3
SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP4 11 SP3 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded), 9.4, 9.5, 9.6 9.1 (embedded), 9.3
Novell Open Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP2 	PostgreSQL <ul style="list-style-type: none"> 9.1 (embedded)
Mac OS X (64-bit) <ul style="list-style-type: none"> 10.12 (Sierra) 10.11 (El Capitan) 10.10 (Yosemite) 10.9 (Mavericks) 10.8 (Mountain Lion) 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded), 9.4, 9.5, 9.6 9.4 (embedded), 9.4, 9.5, 9.6 9.1 (embedded), 9.3, 9.4 (embedded), 9.4, 9.5, 9.6 9.1 (embedded), 9.3 9.1 (embedded)

Cloud-to-Cloud DS-Client (Windows)

Operating System	Database
Windows 10 (64-bit) <ul style="list-style-type: none"> Pro Enterprise 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express PostgreSQL <ul style="list-style-type: none"> 9.6
Windows 8 or 8.1 (64-bit) <ul style="list-style-type: none"> Core Pro Enterprise 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express PostgreSQL <ul style="list-style-type: none"> 9.6

DS-Mobile Client (Windows)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Essentials Standard Datacenter 	Embedded
Windows Server 2012 Server (64-bit) <ul style="list-style-type: none"> Essentials or Essentials R2 Standard or Standard R2 Datacenter or Datacenter R2 	Embedded
Windows 10 (32-bit or 64-bit) <ul style="list-style-type: none"> Home Education Pro Enterprise 	Embedded
Windows 8 or 8.1 (32-bit or 64-bit) <ul style="list-style-type: none"> Core Pro Enterprise 	Embedded

Operating System	Database
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> • Standard SP2 or Standard R2 SP1 • Enterprise SP2 or Enterprise R2 SP1 • Datacenter SP2 or Datacenter R2 SP1 Windows Server 2008 (32-bit) <ul style="list-style-type: none"> • Standard SP2 or Standard R2 SP1 • Enterprise SP2 or Enterprise R2 SP1 	Embedded
Windows 7 (32-bit or 64-bit) <ul style="list-style-type: none"> • Home Basic SP1 • Home Premium SP1 • Professional SP1 • Enterprise SP1 • Ultimate SP1 	Embedded
Windows Vista (32-bit or 64-bit) <ul style="list-style-type: none"> • Home Basic SP2 • Home Premium SP2 • Business SP2 • Enterprise SP2 • Ultimate SP2 	Embedded

DS-Notebook Client (Mac)

Operating System	Database
Mac OS X (64-bit) <ul style="list-style-type: none"> • 10.12 (Sierra) • 10.11 (El Capitan) • 10.10 (Yosemite) • 10.9 (Mavericks) • 10.8 (Mountain Lion) 	PostgreSQL <ul style="list-style-type: none"> • 9.4 (embedded)

Android DS-Client (Android)

Operating System	Version
Android	4.0.x up to 5.11

iOS DS-Client (iOS)

Operating System	Version
iOS	7.0 up to 9.3.4

DS-Recovery Tools (Windows)

Email Server	Operating System
Microsoft Exchange Server (64-bit) <ul style="list-style-type: none"> 2016 	Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter Windows Server 2012 or 2012 R2 (64-bit) <ul style="list-style-type: none"> Standard Datacenter
Microsoft Exchange Server (64-bit) <ul style="list-style-type: none"> 2013 2010 2007 	Windows Server 2012 or 2012 R2 (64-bit) <ul style="list-style-type: none"> Essentials Standard Datacenter Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Datacenter SP2 or Datacenter R2 SP1 Small Business Server SP2 Windows SBS 2011 (64-bit) <ul style="list-style-type: none"> Standard
Microsoft Outlook (32-bit or 64-bit) <ul style="list-style-type: none"> 2013 2010 2007 	Windows Server 2012 or 2012 R2 (64-bit) <ul style="list-style-type: none"> Essentials Standard Datacenter Windows 10 (32-bit or 64-bit) <ul style="list-style-type: none"> Pro Enterprise Windows 8 or 8.1 (32-bit or 64-bit) <ul style="list-style-type: none"> Core Pro Enterprise Windows Server 2008 (32-bit or 64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Datacenter SP2 or Datacenter R2 SP1 Windows 7 (32-bit or 64-bit) <ul style="list-style-type: none"> Professional SP1 Enterprise SP1 Ultimate SP1 Windows Vista (32-bit or 64-bit) <ul style="list-style-type: none"> Home Basic SP2 Home Premium SP2 Business SP2 Enterprise SP2 Ultimate SP2
Microsoft SharePoint Server (64-bit) <ul style="list-style-type: none"> 2016 	Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter Windows Server 2012 R2 (64-bit) <ul style="list-style-type: none"> Standard Datacenter
Microsoft SharePoint Server (64-bit) <ul style="list-style-type: none"> 2013 or 2013 SP1 or Foundation 2013 SP1 	<ul style="list-style-type: none"> Windows Server 2012 or 2012 R2 (64-bit) Windows Server 2008 R2 (64-bit)
Microsoft SharePoint Server (64-bit) <ul style="list-style-type: none"> 2010 SP1 or Foundation 2010 SP2 	Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard R2 SP1 Enterprise R2 SP1 Datacenter R2 SP1 Small Business Server SP2

Email Server	Operating System
Microsoft SharePoint Server (32-bit or 64-bit) <ul style="list-style-type: none"> • 2007 (MOSS) SP3 or 2007 (WSS) SP3 	Windows Server 2008 <ul style="list-style-type: none"> • Standard SP2 (32-bit or 64-bit) • Standard R2 SP1 (64-bit) • Enterprise SP2 (32-bit or 64-bit) • Enterprise R2 SP1 (64-bit) • Small Business Server SP2 (32-bit)
IBM Domino and Notes (32-bit or 64-bit) <ul style="list-style-type: none"> • 9.01 • 8.5 • 8.0 	Windows Server 2012 or 2012 R2 (64-bit) <ul style="list-style-type: none"> • Essentials • Standard • Datacenter Windows 8 or 8.1 (64-bit) <ul style="list-style-type: none"> • Core • Pro • Enterprise Windows Server 2008 (32-bit or 64-bit) <ul style="list-style-type: none"> • Standard SP2 or Enterprise SP2 (32-bit) • Standard R2 SP1 or Enterprise R2 SP1 (64-bit) Windows 7 (32-bit or 64-bit) <ul style="list-style-type: none"> • Professional SP1 • Enterprise SP1 Windows Vista (32-bit or 64-bit) <ul style="list-style-type: none"> • Business SP2 • Enterprise SP2
Novell GroupWise (32-bit) <ul style="list-style-type: none"> • 2012 	Windows 8 or 8.1 (32-bit) <ul style="list-style-type: none"> • Core • Pro • Enterprise Windows Server 2008 (32-bit) <ul style="list-style-type: none"> • Standard SP2 • Enterprise SP2 Windows 7 (32-bit) <ul style="list-style-type: none"> • Professional SP1 • Enterprise SP1 • Ultimate SP1 Windows Vista (32-bit) <ul style="list-style-type: none"> • Business SP2 • Enterprise SP2 • Ultimate SP2

Server software installation support matrix

DS-License Server (Windows or Linux)

DS-License Server	Operating System
Recovery License Model (RLM)	Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 Windows 10 (64-bit) <ul style="list-style-type: none"> Education Pro Enterprise Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 6.6, 6.7, 6.8, 7.1, 7.2, 7.3
Capacity License Model (CLM)	Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 5.10, 5.11, 6.5, 6.6, 7.3 SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP3, 11 SP4

DS-System (Windows or Linux)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard R2 Datacenter R2 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 R2 Express SP3
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Storage Server 	Microsoft SQL server <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 R2 Express SP3 2008 SP4 or 2008 Express SP4
Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 7.3 6.7, 6.8, 6.9, 7.1, 7.2 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.4, 9.5, 9.6 9.4, 9.5 9.1, 9.2, 9.3
Oracle Linux (64-bit) <ul style="list-style-type: none"> 7.3 7.1, 7.2 	PostgreSQL <ul style="list-style-type: none"> 9.4, 9.5, 9.6 9.4, 9.5

Operating System	Database
SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP4 11 SP3 	PostgreSQL <ul style="list-style-type: none"> 9.4 9.1, 9.2, 9.3, 9.4

DS-NOC (Windows or Linux)

Operating System	Database	Web Server
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter 	PostgreSQL <ul style="list-style-type: none"> 9.5, 9.6 	Apache Tomcat <ul style="list-style-type: none"> 9.0 with Java 1.8
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 	PostgreSQL <ul style="list-style-type: none"> 9.5 9.3, 9.4 	Apache Tomcat <ul style="list-style-type: none"> 9.0 with Java 1.8 8.0 with Java 1.8
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 	PostgreSQL <ul style="list-style-type: none"> 9.1 	Apache Tomcat <ul style="list-style-type: none"> 7.0 with Java 1.7
Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 6.9, 7.3 6.8, 7.2 6.7, 7.1 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.5, 9.6 9.5 9.4 9.3 	Apache Tomcat <ul style="list-style-type: none"> 9.0 with Java 1.8 9.0 with Java 1.8 8.0 with Java 1.8 8.0 with Java 1.8
SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP4 11 SP3 	PostgreSQL <ul style="list-style-type: none"> 9.4 9.3 	Apache Tomcat <ul style="list-style-type: none"> 8.0 with Java 1.8 8.0 with Java 1.8

BLM Archiver (Windows or Linux)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter 	PostgreSQL <ul style="list-style-type: none"> 9.4, 9.5, 9.6
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 	PostgreSQL <ul style="list-style-type: none"> 9.2, 9.3, 9.4, 9.5
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 Storage Server 	PostgreSQL <ul style="list-style-type: none"> 9.1
Red Hat Enterprise Linux (x64) <ul style="list-style-type: none"> 6.9, 7.3 6.8, 7.2 6.7, 7.1 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.5, 9.6 9.5 9.4 9.1, 9.2, 9.3
Oracle Linux (64-bit) <ul style="list-style-type: none"> 7.2, 7.3 7.1 	PostgreSQL <ul style="list-style-type: none"> 9.5 9.4
SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP4 11 SP3 	PostgreSQL <ul style="list-style-type: none"> 9.4 9.1, 9.2, 9.3

DS-Billing (Windows or Linux)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 R2 Express SP3
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 	Microsoft SQL Server <ul style="list-style-type: none"> 2008 SP4 or 2008 Express SP4
Red Hat Enterprise Linux (64-bit) <ul style="list-style-type: none"> 6.9, 7.3 6.8, 7.2 6.7, 7.1 6.6 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded), 9.5, 9.6 9.4 (embedded), 9.5 9.4 (embedded or external) 9.2, 9.3
SUSE Linux Enterprise Server (64-bit) <ul style="list-style-type: none"> 11 SP4 11 SP3 	PostgreSQL <ul style="list-style-type: none"> 9.4 (embedded) 9.1, 9.2, 9.3

Tools software installation support matrix

Local DS-VDR Tool (Windows)

Operating System	Database
Windows Server 2016 (64-bit) <ul style="list-style-type: none"> Standard Datacenter 	Microsoft SQL Server <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 or 2008 R2 Express SP3
Windows Server 2012 (64-bit) <ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2 	
Windows Server 2008 (64-bit) <ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1 	

Remote DS-VDR Tool (Windows or Linux)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Essentials Standard Datacenter
Windows Server 2012 R2 (64-bit)	<ul style="list-style-type: none"> Essentials Standard Datacenter
Windows 10 (64-bit)	<ul style="list-style-type: none"> Pro Enterprise
Red Hat Enterprise Linux (64-bit)	<ul style="list-style-type: none"> 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3
Oracle Linux (64-bit)	<ul style="list-style-type: none"> 7.1, 7.2, 7.3
SUSE Linux Enterprise Server (64-bit)	<ul style="list-style-type: none"> 11 SP3, 11 SP4

DS-Client Database Migration Tool (Windows)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Standard Datacenter
Windows Server 2012-(64-bit)	<ul style="list-style-type: none"> Standard or R2 Datacenter or R2
Windows Server 2008 (64-bit)	<ul style="list-style-type: none"> Standard SP2 or R2 SP1 Enterprise SP2 or R2 SP1

DS-System Database Migration Tool (Windows)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Standard Datacenter
Windows Server 2012-(64-bit)	<ul style="list-style-type: none"> Standard or R2 Datacenter or R2
Windows Server 2008 (64-bit)	<ul style="list-style-type: none"> Standard SP2 or R2 SP1 Enterprise SP2 or R2 SP1

DS-Mobile Packager & MST Generator (Windows)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Essentials Standard Datacenter
Windows Server 2012 (32-bit or 64-bit)	<ul style="list-style-type: none"> Essentials or R2 Standard or R2 Datacenter or R2
Windows 10 (32-bit or 64-bit)	<ul style="list-style-type: none"> Pro Enterprise
Windows 8 or 8.1 (32-bit or 64-bit)	<ul style="list-style-type: none"> Core Pro Enterprise
Windows Server 2008 (32-bit or 64-bit)	<ul style="list-style-type: none"> Datacenter R2 SP1
Windows 7 (32-bit or 64-bit)	<ul style="list-style-type: none"> Professional SP1
Windows Vista (32-bit or 64-bit)	<ul style="list-style-type: none"> Ultimate SP2

DS-Prerequisites Tools (Windows, Linux, or Mac)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Standard Datacenter
Windows Server 2012 (64-bit)	<ul style="list-style-type: none"> Standard or R2 Datacenter or R2
Windows 10 (32-bit Or 64-bit)	<ul style="list-style-type: none"> Home Education Pro Enterprise
Windows 8 or 8.1 (32-bit or 64-bit)	<ul style="list-style-type: none"> Core Pro Enterprise
Windows Server 2008 (64-bit)	<ul style="list-style-type: none"> Standard SP2 Enterprise SP2

Operating System	Version
Windows Server 2008 (32-bit or 64-bit)	<ul style="list-style-type: none"> Standard SP2 or Enterprise SP2 (32-bit or 64-bit) Standard R2 SP1 or Enterprise R2 SP1 (64-bit) Datacenter SP2 or R2 SP1 (64-bit) Small Business Server SP2 (64-bit)
Windows SBS 2011 (64-bit)	<ul style="list-style-type: none"> Standard
Windows 7 (32-bit or 64-bit)	<ul style="list-style-type: none"> Home Premium SP1 Professional SP1 Enterprise SP1 Ultimate SP1
Windows Vista (32-bit or 64-bit)	<ul style="list-style-type: none"> Home Basic SP2 Home Premium SP2 Business SP2 Enterprise SP2 Ultimate SP2
Red Hat Enterprise Linux (64-bit)	<ul style="list-style-type: none"> 5.11, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3
CentOS (64-bit)	<ul style="list-style-type: none"> 6.6, 6.7, 6.8, 7.1, 7.2, 7.3
Oracle Linux (64-bit)	<ul style="list-style-type: none"> 7.1, 7.2, 7.3
SUSE Linux Enterprise Server (64-bit)	<ul style="list-style-type: none"> 11 SP3, 11 SP4
Novell Open Enterprise Server (64-bit)	<ul style="list-style-type: none"> 11 SP3
Mac OS X (64-bit)	<ul style="list-style-type: none"> 10.12 (Sierra) 10.10 (Yosemite) 10.9 (Mavericks) 10.8 (Mountain Lion)

I/O Load Test Tool (Windows or Linux)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Standard Datacenter
Windows Server 2012 (64-bit)	<ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2
Windows Server 2008 (64-bit)	<ul style="list-style-type: none"> Standard SP2 or Standard R2 SP1 Enterprise SP2 or Enterprise R2 SP1
Red Hat Enterprise Linux (64-bit)	<ul style="list-style-type: none"> 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3
Oracle Linux (64-bit)	<ul style="list-style-type: none"> 7.1, 7.2, 7.3
SUSE Linux Enterprise Server (64-bit)	<ul style="list-style-type: none"> 11 SP3, 11 SP4

Storage and Bandwidth Calculation Tool (Windows)

Operating System	Database
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> Standard Datacenter
Windows Server 2012 (64-bit)	<ul style="list-style-type: none"> Standard or Standard R2 Datacenter or Datacenter R2
Windows 10 (64-bit)	<ul style="list-style-type: none"> Enterprise
Windows 8 or 8.1 (64-bit)	<ul style="list-style-type: none"> Core Pro Enterprise
Windows Server 2008 (64-bit)	<ul style="list-style-type: none"> Enterprise SP2 or Enterprise R2 SP1
Windows 7 (64-bit)	<ul style="list-style-type: none"> Enterprise SP1

System Information Collector (Windows, Linux, or Mac)

Operating System	Version
Windows Server 2016 (64-bit)	<ul style="list-style-type: none"> • Standard • Datacenter
Windows Server 2012 (64-bit)	<ul style="list-style-type: none"> • Standard or Standard R2 • Datacenter or Datacenter R2
Windows 10 (32-bit or 64-bit)	<ul style="list-style-type: none"> • Home • Education • Pro • Enterprise
Windows 8 or 8.1 (32-bit or 64-bit)	<ul style="list-style-type: none"> • Core • Pro • Enterprise
Windows Server 2008 (32-bit or 64-bit)	<ul style="list-style-type: none"> • Standard SP2 or Enterprise SP2 (32-bit or 64-bit) • Standard R2 SP1 or Enterprise R2 SP1 (64-bit) • Datacenter SP2 or Datacenter R2 SP1 (64-bit) • Small Business Server SP2 (64-bit)
Windows SBS 2011 (64-bit)	<ul style="list-style-type: none"> • Standard
Windows 7 (32-bit or 64-bit)	<ul style="list-style-type: none"> • Home Premium SP1 • Professional SP1 • Enterprise SP1 • Ultimate SP1
Windows Vista (32-bit or 64-bit)	<ul style="list-style-type: none"> • Home Basic SP2 • Home Premium SP2 • Business SP2 • Enterprise SP2 • Ultimate SP2
Red Hat Enterprise Linux (64-bit)	<ul style="list-style-type: none"> • 5.11, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3
CentOS (64-bit)	<ul style="list-style-type: none"> • 6.6, 6.7, 6.8, 7.1, 7.2, 7.3
Oracle Linux (64-bit)	<ul style="list-style-type: none"> • 7.1, 7.2, 7.3
SUSE Linux Enterprise Server (64-bit)	<ul style="list-style-type: none"> • 11 SP3, 11 SP4
Novell Open Enterprise Server (64-bit)	<ul style="list-style-type: none"> • 11 SP3
Mac OS X (64-bit)	<ul style="list-style-type: none"> • 10.10 (Yosemite) • 10.9 (Mavericks) • 10.8 (Mountain Lion)

Backup and restore support matrix

FullFeatured DS-Client (Windows)

Backup Source	Connectivity	Item	Version	
File System	Local Drives, Windows Networking	Files, System State	<p>Windows Server 2016 (Standalone)</p> <ul style="list-style-type: none"> Essentials (64-bit) Standard (64-bit) Datacenter (64-bit) <p>Windows Server 2012 (Standalone or Cluster)</p> <ul style="list-style-type: none"> Essentials (64-bit) Standard or R2 (64-bit) Datacenter or R2 (64-bit) Server Core R2 (64-bit) <p>Windows Server 2008 (Standalone or Cluster)</p> <ul style="list-style-type: none"> Standard SP2 or Enterprise SP2 (32-bit) Standard SP2 or Standard R2 SP1 (64-bit) Standard Server Core (64-bit) Enterprise SP2 or Enterprise R2 SP1 (64-bit) Enterprise Server Core (64-bit) Small Business Server SP2 (64-bit) Datacenter SP2 or Datacenter R2 SP1 (64-bit) Datacenter Server Core (64-bit) <p>Windows 10</p> <ul style="list-style-type: none"> Home (32-bit or 64-bit) Education (32-bit or 64-bit) Pro (32-bit or 64-bit) Enterprise (32-bit or 64-bit) <p>Windows 8 or 8.1</p> <ul style="list-style-type: none"> Core (32-bit or 64-bit) Pro (32-bit or 64-bit) Enterprise (32-bit or 64-bit) <p>Windows SBS 2011 SP1</p> <ul style="list-style-type: none"> Standard (64-bit) <p>Windows 7</p> <ul style="list-style-type: none"> Professional SP1 (32-bit or 64-bit) Enterprise SP1 (32-bit or 64-bit) Ultimate SP1 (32-bit or 64-bit) <p>Windows Vista</p> <ul style="list-style-type: none"> Home Basic SP2 (32-bit or 64-bit) Home Premium SP2 (32-bit or 64-bit) Business SP2 (32-bit or 64-bit) Enterprise SP2 (32-bit or 64-bit) Ultimate SP2 (32-bit or 64-bit) 	
	Novell Client	Files, NDS	NetWare 6.5 (Standalone)	<ul style="list-style-type: none"> NetWare 6.5 SP8 (32-bit)
		Files	Open Enterprise Server 11 (Standalone)	<ul style="list-style-type: none"> Open Enterprise Server 11 (64-bit)
	Windows Networking	Windows Networking	NAS Files	<p>NetApp FA S 7-mode NAS via snapshot</p> <ul style="list-style-type: none"> ONTAP 7.3.5, 8.1, 8.2.2

Backup Source	Connectivity	Item	Version
Permissions	Local Drives, Windows Networking	Files, System State	<p>Windows Server 2016 (Standalone)</p> <ul style="list-style-type: none"> Essentials (64-bit) Standard (64-bit) Datacenter (64-bit) <p>Windows Server 2012 (Standalone or Cluster)</p> <ul style="list-style-type: none"> Essentials (64-bit) Standard or R2 (64-bit) Datacenter or R2 (64-bit) Server Core R2 (64-bit) <p>Windows Server 2008 (Standalone or Cluster)</p> <ul style="list-style-type: none"> Standard SP2 or Enterprise SP2 (32-bit) Standard SP2 or Standard R2 SP1 (64-bit) Standard Server Core (64-bit) Enterprise SP2 or Enterprise R2 SP1 (64-bit) Enterprise Server Core (64-bit) Small Business Server SP2 (64-bit) Datacenter SP2 or Datacenter R2 SP1 (64-bit) Datacenter Server Core (64-bit) <p>Windows 10</p> <ul style="list-style-type: none"> Home (32-bit or 64-bit) Education (32-bit or 64-bit) Pro (32-bit or 64-bit) Enterprise (32-bit or 64-bit) <p>Windows 8 or 8.1</p> <ul style="list-style-type: none"> Core (32-bit or 64-bit) Pro (32-bit or 64-bit) Enterprise (32-bit or 64-bit) <p>Windows SBS 2011 SP1</p> <ul style="list-style-type: none"> Standard (64-bit) <p>Windows 7</p> <ul style="list-style-type: none"> Professional SP1 (32-bit or 64-bit) Enterprise SP1 (32-bit or 64-bit) Ultimate SP1 (32-bit or 64-bit) <p>Windows Vista</p> <ul style="list-style-type: none"> Home Basic SP2 (32-bit or 64-bit) Home Premium SP2 (32-bit or 64-bit) Business SP2 (32-bit or 64-bit) Enterprise SP2 (32-bit or 64-bit) Ultimate SP2 (32-bit or 64-bit)
		Novell Client	Files, NDS
			Files
Google G Suite	Google APIs	Contacts, Calendars, Drive, Email, Sites	N/A
Microsoft Office 365 (Exchange Online)	Exchange Web Services	Email, Calendars, Contact Lists, Contacts, Tasks	N/A
Microsoft Office 365 (SharePoint Online)	SharePoint Client Object Model SDK	Lists, List items, Sites, Site Collections, Webs, Personal Sites, OneDrive Files	N/A

Backup Source	Connectivity	Item	Version
Salesforce.com	HTTPS Partner API, Bulk API	Objects	N/A
	Metadata API	Schema	
Microsoft Exchange Server	MS VSS writers <ul style="list-style-type: none"> Full Differential Incremental 	Storage Groups, Mailbox Databases, Granular Restore	Microsoft Exchange Server 2016 (64-bit) <ul style="list-style-type: none"> Windows Server 2016 Standard Windows Server 2016 Datacenter Windows Server 2012 or R2 Standard Windows Server 2012 or R2 Datacenter Microsoft Exchange Server 2013 SP1 (64-bit) <ul style="list-style-type: none"> Windows Server 2012 or R2 Microsoft Exchange Server 2010 SP3 (64-bit) <ul style="list-style-type: none"> Windows Server 2008 R2 SP1 Windows SBS 2011 Standard SP1 Microsoft Exchange Server 2007 SP3 (64-bit) <ul style="list-style-type: none"> Windows Server 2008 Standard SP2 Windows Server 2008 Enterprise SP2 Windows Server 2008 Datacenter SP2
	Exchange Backup API + Windows Networking	Storage Groups	Microsoft Exchange Server 2007 SP3 (64-bit) <ul style="list-style-type: none"> Windows Server 2008 Standard SP2 Windows Server 2008 Enterprise SP2 Windows Server 2008 Datacenter SP2
Microsoft SharePoint Server	MS VSS writers <ul style="list-style-type: none"> Full Differential 	Granular Restore	Microsoft SharePoint 2013 SP2 <ul style="list-style-type: none"> Windows Server 2012 Server or R2 (64-bit) Windows Server 2008 R2 SP1 (64-bit) Microsoft SharePoint 2010 SP2 <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Windows Server 2008 R2 Datacenter
		OSearch, SPSearch	Microsoft SharePoint 2007 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Windows Server 2008 R2 Datacenter
		Web Application	Microsoft SharePoint 2013 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2012 Server or R2 (64-bit) Windows Server 2008 R2 SP1 (64-bit) Microsoft SharePoint 2010 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Windows Server 2008 R2 Datacenter Microsoft SharePoint 2007 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Windows Server 2008 R2 Datacenter
	SharePoint API + TCP/IP	Site Collections, Sub-Sites, Full Lists, List Items, Configuration	Microsoft SharePoint 2013 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2012 Server / R2 (64-bit) Windows Server 2008 R2 SP1 (64-bit) Microsoft SharePoint 2010 SP2 (Standalone or Farms) <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Windows Server 2008 R2 Datacenter
		Site Collections, Sub-Sites, Full Lists, List Items	Microsoft SharePoint 2007 SP3 (Farms) <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1 Microsoft SharePoint 2007 SP3 <ul style="list-style-type: none"> Windows Server 2008 SP2 or R2 SP1

Backup Source	Connectivity	Item	Version
Microsoft SQL Server	MS VSS writers <ul style="list-style-type: none"> Full Differential 	Database, Permissions, Streams	Microsoft SQL Server (Standalone or Cluster) <ul style="list-style-type: none"> 2016 or 2016 Express 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 2008 SP4 or 2008 Express SP4
	Classic (dump to buffer or named pipe) <ul style="list-style-type: none"> Full Differential Incremental 	Transaction Logs, Databases	Microsoft SQL Server (Standalone or Cluster) <ul style="list-style-type: none"> 2014 SP1 or 2014 Express SP1 2012 SP2/SP3 or 2012 Express SP2/SP3 2008 R2 SP3 2008 SP4 or 2008 Express SP4 2005 SP4 or 2005 Express SP4
Microsoft Hyper-V	MS VSS Writers	VM Backup (Full, Incremental, FLR)	Microsoft Hyper-V Server (Standalone or Cluster) <ul style="list-style-type: none"> 2016 2012 R2 2012 2008 R2 SP1 (full backup only)
		VM Replication (Full, Incremental)	Microsoft Hyper-V Server (Standalone or Cluster) <ul style="list-style-type: none"> 2016 2012 R2 2012
Email	DS-MLR (DS-Recovery Tools)	Email, Contacts, Distribution Lists	Microsoft Exchange 2013 (Standalone or DAG) <ul style="list-style-type: none"> Windows Server 2012 R2 (64-bit) Windows Server 2012 Standard (64-bit) Windows Server 2012 Datacenter (64-bit) Microsoft Exchange 2010 (Standalone or Cluster) <ul style="list-style-type: none"> Windows Server 2012 Standard (64-bit) Windows Server 2012 Datacenter (64-bit) Windows Server 2008 Standard R2 SP1 (64-bit) Windows Server 2008 Enterprise R2 SP1 (64-bit) Microsoft Exchange 2007 (Standalone or Cluster) <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Windows Server 2008 Standard R2 SP1 (64-bit) Windows Server 2008 Enterprise R2 SP1 (64-bit) Windows Server 2008 SP2 (64-bit) Microsoft Outlook 2007 or 2010 or 2013 <ul style="list-style-type: none"> Windows 7 SP1 (32-bit or 64-bit) Windows Vista SP2 (32-bit or 64-bit) IBM Domino 8.5 or 9.01 <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Windows Server 2008 Standard R2 SP1 (64-bit) Windows Server 2008 Enterprise R2 SP1 (64-bit) Windows Server 2008 SP2 (64-bit) IBM Notes 9.01 <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Windows Server 2008 Standard R2 SP1 (64-bit) Windows Server 2008 Enterprise R2 SP1 (64-bit) Windows Server 2008 SP2 (64-bit)
		Email, Cabinets, Calendars	Novell GroupWise 2012 (Standalone or Cluster) <ul style="list-style-type: none"> Windows Server 2008 R2 SP1

Backup Source	Connectivity	Item	Version
	Exchange Web Services (EWS)	Email, Calendars, Contacts, Contact Lists, Tasks	Microsoft Exchange 2016 (Standalone) <ul style="list-style-type: none"> Windows Server 2016 Standard Windows Server 2016 Datacenter Microsoft Exchange 2016 (Standalone or DAG) <ul style="list-style-type: none"> Windows Server 2012 R2 Standard (64-bit) Windows Server 2012 R2 Datacenter (64-bit) Microsoft Exchange 2013 (Standalone or DAG) <ul style="list-style-type: none"> Windows Server 2012 R2 Standard (64-bit) Windows Server 2012 R2 Datacenter (64-bit)
IBM Domino	Dump (C++ API)	Databases	IBM Domino 9.0 <ul style="list-style-type: none"> Windows Server 2012 R2 (Standalone) Windows Server 2008 R2 (Standalone) Red Hat Enterprise 6, 7 (Standalone) SUSE Linux Enterprise Server 11 (Standalone) IBM Domino 8.5 <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Red Hat Enterprise 5, 6 SUSE Linux Enterprise Server 10, 11 IBM Domino 8 <ul style="list-style-type: none"> Windows Server 2008 (Standalone) Red Hat Enterprise 5 (Standalone) SUSE Linux Enterprise Server 10 (Standalone)
IBM System i Server (Power 6, 7, 8)	IBM i Access for Windows 7.1 or System i Access for Windows V6R1	Complete User Libraries, Library Objects, Config Objects, User Profiles, IBM-supplied User Libraries, IBM-supplied System Libraries	IBM i Series 6.1, 7.1, 7.2
Oracle Database	Dump locally, to DS-Client buffer, or to named pipe	PDB, CDB	Oracle 12c <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Windows 8 or 8.1 (64-bit) Windows Server 2008 or R2 (64-bit) Windows 7 (64-bit) Windows Vista (64-bit)
		Table Spaces, Archive Logs, Control File	Oracle 12c <ul style="list-style-type: none"> Windows Server 2012 or R2 (64-bit) Windows 8 or 8.1 (64-bit) Windows Server 2008 or R2 (64-bit) Windows 7 (64-bit) Windows Vista (64-bit) Oracle 11g R1 or R2 <ul style="list-style-type: none"> Windows Server 2012 R2 (64-bit) Windows 8.1 (32-bit or 64-bit) Windows Server 2008 (64-bit) Windows 7 (32-bit or 64-bit) Windows Vista Enterprise (32-bit or 64-bit) Windows Vista Ultimate (32-bit or 64-bit) Oracle 11g R2 Express <ul style="list-style-type: none"> Windows Server 2008 (64-bit) Windows 7 (32-bit or 64-bit) Windows Vista (32-bit or 64-bit)

Backup Source	Connectivity	Item	Version
Oracle MySQL	Dump to DS-Client buffer or named pipe (mysqldump)	Databases	Any operating system supported by the local MySQL dump (7.1 & up for cluster)
Physical-to-Virtual (Microsoft Hyper-V)	MVMC 3.0 or higher	Machine Level	Any operating system supported by MVMC.
Physical-to-Virtual (VMware vCenter)	vCenter Converter Standalone (5.1, 5.5, 6.0)	Machine Level	Any operating system supported by VMware vCenter Converter.
VMware VADP (FLR and CDP Support)	VMware vStorage API	Virtual Machines Templates	VMware vSphere 5.0, 5.1, 5.5, 6.0, 6.5
VM Replication	VMware vStorage API	Virtual Machines	VMware vSphere 5.0, 5.1, 5.5, 6.0, 6.5

FullFeatured DS-Client (Linux)

Backup Source	Connectivity	Item	Version
File System	Local File System	Files (including CDP)	Local Linux System
	Local Mount Point	Files	NetWare 6.5 (with Novell Client installed on target server).
	SSH	Files (including CDP)	Any operating system with SSH daemon and Perl5.6+ / Python 2.4+
	NFS v3	Files (including CDP)	Any operating system supporting NFS v3.
	NAS	NAS Files	<ul style="list-style-type: none"> NetApp 7-mode via snapshot with or without Snapdiff (ONTAP 7.3.5, 8.1, 8.2.2) NetApp C-mode via snapshot (ONTAP 8.1, 8.2.2)
	Novell Client	Files	Open Enterprise Server 11 (64-bit)
Permissions	Local File System	Files (including CDP)	Local Linux System
	Local Mount Point	Files	NetWare 6.5 (with Novell Client installed on target server).
	SSH	Files (including CDP)	Any operating system with SSH daemon and Perl5.6+ / Python 2.4+
	NFS v3	Files (including CDP)	Any operating system supporting NFS v3.
	NAS	NAS Files	<ul style="list-style-type: none"> NetApp 7-mode via snapshot with or without Snapdiff (ONTAP 7.3.5, 8.1, 8.2.2) NetApp C-mode via snapshot (ONTAP 8.1, 8.2.2)
IBM DB2	NFS, SSH, Local File System	Database Log Files	DB2 v9.7, v10.1, v10.5
IBM System i Server (Power 6, 7, 8)	FTP	Complete User Libraries, Library Objects, Config Objects, User Profiles, IBM-supplied User Libraries, IBM-supplied System Libraries	IBM i Series 6.1, 7.1, 7.2

Backup Source	Connectivity	Item	Version
Oracle Database	NFS, SSH, Pipe, Local File System	PDB, CDB	Oracle 12c (Standalone) <ul style="list-style-type: none"> Red Hat Enterprise Server 5, 6, 7 (64-bit) Oracle Linux 5, 6, 7 (64-bit) SUSE Linux Enterprise Server 11 (64-bit) Solaris 11 (SPARC 64-bit)
	NFS, SSH, Pipe, Local File System	Table Spaces, Archive Logs, Control File	Oracle 12c (Standalone) <ul style="list-style-type: none"> Red Hat Enterprise Server 5, 6, 7 (64-bit) Oracle Linux 5, 6, 7 (64-bit) SUSE Linux Enterprise Server 11 (64-bit) Solaris 11 (SPARC 64-bit) Oracle 11g R2 <ul style="list-style-type: none"> Red Hat Enterprise Linux 7 (64-bit) Red Hat Enterprise Linux 5, 6 (32-bit or 64-bit) Oracle Linux 7 (64-bit) Oracle Linux 5, 6 (32-bit or 64-bit) SUSE Linux Enterprise Server 10 (32-bit or 64-bit) AIX 7.1 (Power PC 64-bit) Solaris 10, 11 (SPARC 64-bit) Itanium HPUX 11.3 Oracle 11g R1 <ul style="list-style-type: none"> Red Hat Enterprise Linux 4, 5 (32-bit or 64-bit) Oracle Linux 4, 5 (32-bit or 64-bit) AIX 5.3, 6.1, 7.1 (Power PC 64-bit) Solaris 9, 10 (SPARC 64-bit) RS6000 AIX 5L (64-bit) Oracle 11g R2 Express <ul style="list-style-type: none"> Red Hat Enterprise Server 5, 6 (64-bit) SUSE Linux Enterprise Server 11 (64-bit) Itanium HPUXi v11.3
Oracle MySQL	Pipe (mysqldump)	Databases	Any operating system supported by the local MySQL dump (7.1 & up for cluster)

Backup Source	Connectivity	Item	Version
Oracle SBT	Asigra SBT DynLyb RMAN	SPFILE, Tablespaces, Control Files, Archive Files, Data Files	<p>Oracle 12c (Standalone)</p> <ul style="list-style-type: none"> Windows Server 2012 (64-bit) Windows 8.1 (64-bit) Windows Server 2008 (64-bit) Windows 7 (64-bit) Windows Vista (64-bit) Red Hat Enterprise Linux 5, 6, 7 (64-bit) Oracle Linux 5, 6, 7 (64-bit) SUSE Linux Enterprise Server 11 (64-bit) <p>Oracle 11g R2 (Standalone or RAC)</p> <ul style="list-style-type: none"> Windows Server 2012 R2 (64-bit) Windows 8.1 (64-bit) Windows Server 2008 SP2 (64-bit) Windows 7 (32-bit or 64-bit) Windows Vista Enterprise (32-bit or 64-bit) Windows Vista Ultimate (32-bit or 64-bit) Red Hat Enterprise Linux 7 (64-bit) Red Hat Enterprise Linux 4, 5, 6 (32-bit or 64-bit) Oracle Linux 7 (64-bit) Oracle Linux 5, 6 (32-bit or 64-bit) Oracle Enterprise Server 4, 5 (32-bit or 64-bit) SUSE Linux Enterprise Server 10, 11 (32-bit or 64-bit) AIX 6.1, 7.1 (Power PC 64-bit) Solaris 9, 10, 11 (SPARC 64-bit) Itanium HPUX 11.3 <p>Oracle 11g R1 (Standalone or RAC)</p> <ul style="list-style-type: none"> Windows Server 2012 R2 (64-bit) Windows 8.1 (64-bit) Windows Server 2008 SP2 (64-bit) Windows 7 (32-bit or 64-bit) Windows Vista Enterprise (32-bit or 64-bit) Windows Vista Ultimate (32-bit or 64-bit) Red Hat Enterprise Linux 7 (64-bit) Red Hat Enterprise Linux 4, 5, 6 (32-bit or 64-bit) Oracle Linux 7 (64-bit) Oracle Linux 5, 6 (32-bit or 64-bit) Oracle Enterprise Server 4, 5 (32-bit or 64-bit) SUSE Linux Enterprise Server 10, 11 (32-bit or 64-bit) AIX 6.1, 7.1 (Power PC 64-bit) Solaris 9, 10, 11 (SPARC 64-bit) Itanium HPUX 11.3
PostgreSQL	Pipe (pg_dump)	Databases	Any operating system supported by local pg_dump.
Physical-to-Virtual (VMware vCenter)	vCenter Converter Standalone (5.1, 5.5, 6.0)	Machine Level	Any operating system supported by VMware vCenter Converter
SAP	BR*TOOLS + SSH + CORBA	SAP BR*TOOLS	HPUX Itanium 11.31 BR*TOOLS 7.00
SAP ASE	SAP ASE API + SSH	Databases	<p>SAP ASE 15.0.3, 15.7</p> <ul style="list-style-type: none"> Red Hat Enterprise Linux 5.6, 6.2, 6.3 (64-bit) SUSE Linux Enterprise Server 11 SP3 (64-bit)
Snap Manager	SnapVault	Volume / qtree	NetApp 8.2.2 7-mode via SnapVault
VMware VADP	VMware vStorage API	Virtual Disks, Virtual Machines Templates	VMware vSphere 5.0, 5.1, 5.5, 6.0, 6.5 (Standalone or Cluster)

Backup Source	Connectivity	Item	Version
XenServer	XenServer API + HTTPS	Virtual Machines, Custom Templates	XenServer (Standalone) 6.0, 6.1, 6.2

FullFeatured DS-Client (Mac)

Backup Source	Connectivity	Item	Operating System
File System	Local File System	Files	Mac OS X (64-bit) <ul style="list-style-type: none"> 10.8, 10.9, 10.10, 10.11, 10.12
	NFS v3	Files	Any operating system supporting NFS v3
	SSH	Files	Any operating system with SSH daemon and Perl5.6+ / Python 2.4+
Permissions	Local File System	Files	Mac OS X (64-bit) <ul style="list-style-type: none"> 10.8, 10.9, 10.10, 10.11, 10.12
Oracle MySQL	Pipe (mysqldump)	Databases	Any operating system supported by the local MySQL dump (7.1 & up for cluster)
PostgreSQL	Pipe (pg_dump)	Databases	Any operating system supported by local pg_dump.

Cloud-to-Cloud DS-Client (Windows)

Backup Source	Connectivity	Item	Operating System
Google G Suite	Google APIs	Contacts, Calendars, Drive, Email, Sites	N/A
Microsoft Office 365 (Exchange Online)	Exchange Web Services	Email, Calendars, Contact Lists, Contacts, Tasks	N/A
Microsoft Office 365 (SharePoint Online)	SharePoint Client Object Model SDK	Lists, List items, Sites, Site Collections, Webs, Personal Sites, OneDrive Sites	N/A
Salesforce.com	HTTPS Partner API, Bulk API	Objects	N/A
	Metadata API	Schema	N/A

DS-Mobile Client (Windows)

Backup Source	Connectivity	Item	Operating System
File System	Local Drives, TCP/IP (Windows Networking)	Files (including VSS)	Windows 10 (32-bit or 64-bit) <ul style="list-style-type: none"> • Home • Education • Pro • Enterprise Windows 8 or 8.1 (32-bit or 64-bit) <ul style="list-style-type: none"> • Core • Pro • Enterprise Windows 7 (32-bit or 64-bit) <ul style="list-style-type: none"> • Starter SP1 • Home Basic SP1 • Home Premium SP1 • Professional SP1 • Enterprise SP1 • Ultimate SP1 Windows Vista (32-bit or 64-bit) <ul style="list-style-type: none"> • Home Basic SP2 • Home Premium SP2 • Business SP2 • Enterprise SP2 • Ultimate SP2

DS-Notebook Client (Mac)

Backup Source	Connectivity	Item	Operating System
File System	Local File System	Files	Mac OS X (64-bit) <ul style="list-style-type: none"> • 10.12 (Sierra) • 10.11 (El Capitan) • 10.10 (Yosemite) • 10.9 (Mavericks) • 10.8 (Mountain Lion)

Android DS-Client (Android)

Backup Source	Connectivity	Item	Operating System
Android Device	Local Device	Contacts Photos, Music, SD Cards, Videos	4.x, 5.x

iOS DS-Client (iOS)

Backup Source	Connectivity	Item	Operating System
iOS Device	Local Device	Photos, Calendars, Contacts (including Contact Groups), Reminders, Videos	7.x, 8.x, 9.x

General disclaimer and support notes

32-bit and 64-bit operating system support

Asigra does not support installing the following components on 32-bit operating systems:

- FullFeatured DS-Client (Linux)
- Cloud-to-Cloud DS-Client
- DS-Notebook Client (Mac)
- BLM Archiver
- DS-NOC
- DS-System
- DS-Billing
- DS-License Server
- Remote DS-VDR (Windows)

Asigra continues to support installing the following components on 32-bit and 64-bit operating systems:

- FullFeatured DS-Client (Windows)
- DS-Mobile Client
- DS-Recovery Tools

Android support

Handset manufacturers frequently customize the Android operating system shipped with their devices to differentiate themselves in the market. In some instances these customizations interfere with the operation of the Android DS-Client. Therefore, in addition to the specific devices identified in this document, Asigra supports Android DS-Client on devices running the original Google Contacts Storage Services for Android.

CentOS and alternative operating system support

There are alternative variants of the operating systems that that Asigra identifies as officially supported. An example is CentOS. These variants are sometimes derived from a supported distribution's source code that might be destined to become part of a future release of a supported distribution.

Asigra support for alternative operating systems applies only to installation or functional issues specific to the Asigra Cloud Backup software on the versions listed in the support matrix. Asigra does not provide support for the variant operating system itself. In addition, Asigra software uses technologies from various third-party vendors, which might or might not support these alternative operating systems at the same level as Asigra software. All attempts to recreate the customer's scenario at Asigra will be performed on an officially supported operating system distribution and third-party vendor software stack.

If Asigra is unable to reproduce the issue, the customer will be required to perform further diagnostics on their own to isolate the issue up to and including reproducing the issue on a supported operating system distribution and third-party vendor software stack. Asigra at its sole discretion will determine if the root cause of an issue is due to the alternative operating system or the Asigra Cloud Backup software and its embedded technologies.

IBM i Support

Asigra support for IBM i requires the device and the operating system to be under maintenance and support contract from IBM.

FreeBSD support

Asigra support for FreeBSD is limited to Asigra Cloud Backup components, FreeBSD security vulnerabilities, and the FreeBSD components that affect the operation of Asigra software. Asigra support for FreeBSD is available only when Asigra Cloud Backup software is running on hardware originally purchased directly from Asigra.

Third-party backup software

Using other third-party backup software in parallel with the Asigra Cloud Backup software can interfere with the backup process and result in failures.

Third-party vendor service packs

Underlying platform vendors, upon which Asigra products depend, generally consider their successive service packs to be backwards compatible. Asigra, in turn, expects they will not 'break' our products. Asigra will provide limited support for third-party service pack releases, for which the third-party vendor has stated is fully backwards compatible with a supported third-party service pack listed in the support matrix. A list of products and their service packs with limited support is in the support matrix and will remain in the list until support is either officially declared or support is declined due to unexpected architectural issues, vendor bugs, or incompatibilities. Limited support means Asigra will attempt to reproduce and resolve issues on a fully supported environment. If the issue can be reproduced in the supported environment, Asigra will work with partners to resolve the issue and log a bug if appropriate. If the environment is suspected, Asigra will require partners to move to a fully supported environment to isolate the issue and proceed with the resolution process. Limited support is a temporary state and is not expected to exceed 90 days prior to being tested, validated, and updated in the support matrix after the release of the new service pack.

Note: Prior to engaging Asigra for Technical Support, the service provider must attempt to reproduce the issue in a supported environment documented in the current support matrix in compliance with the 5-step diagnostics support policy. Further, the service provider should always endeavor to comply with the support matrix.

Virtualization support

Asigra is agnostic to the virtualization platforms used to host the solution. Asigra supports all Asigra software components installed and running in virtualized environments on supported operating systems and databases.

VMware File-level Restore (FLR) support

VMware File-level Restore (FLR) is supported with the following partition types:

- Empty
- Extended
- NTFS
- Linux
- Linux LVM1 (Linear, Mirror) – SingleDisk
- Disks formatted with traditional MBR (MasterBoot Record) and GUID partition table (>2 TB disk or partition).

The following file system types are supported:

- Ext4
- NTFS