

Veritas CloudPoint 2.2.1 Cloud Application Compatibility List

Created on September 13, 2019

Introduction

This Cloud Application Compatibility List (Cloud ACL) contains information about software applications supported with Veritas CloudPoint 2.2.1.

The supported applications in this Cloud ACL have been specifically qualified and approved by Veritas. Applications that do not appear on this list are not supported. Certified applications are selected by Veritas Product Management, based on market research and input from the field, including customer feedback. If you would like to have an application considered for inclusion on this Cloud ACL, submit your request to your Veritas Sales Representative.

This Cloud ACL represents the limits of Veritas support for software applications qualified for use with Veritas CloudPoint. There are no implied additions or exceptions to the tested or compatible applications on the provided lists.

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CloudPoint - System Requirements

Supported File Systems

CloudPoint is supported with the following operating systems and file systems:

CloudPoint - File system support

Operating System	Supported File Systems
Linux	[1]ext3, ext4, xfs
Windows	NTFS

1. ext2 snapshots are not application-consistent due to underlying OS limitations.

Supported Browsers

CloudPoint is supported with the following browsers and browser versions:

CloudPoint - Browser support

Browser	Supported Version
Google Chrome	75.0.3770.100 or later
Mozilla Firefox	52.0.0 or later

High Level Feature Support

High level feature support information is listed in the tables below, organized by vendor.

High Level Feature Support - Amazon Web Services

Operating System for Protected VM	On-host Agent	Agentless	Single File Restore (SFR)	Oracle	Microsoft SQL	MongoDB	Snapshot Replication	Tag-based Protection
Linux	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Windows	Yes	No	Yes	No	Yes	No	Yes	Yes

High Level Feature Support - Google Cloud Platform

Operating System for Protected VM	On-host Agent	Agentless	Single File Restore (SFR)	Oracle	Microsoft SQL	MongoDB	Snapshot Replication	Tag-based Protection
Linux	Yes	Yes	Yes	No	No	Yes	No	Yes
Windows	No	No	No	No	No	No	No	Yes

High Level Feature Support - Microsoft Azure

Operating System for Protected VM	On-host Agent	Agentless	Single File Restore (SFR)	Oracle	Microsoft SQL	MongoDB	Snapshot Replication	Tag-based Protection
Linux	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Windows	Yes	No	Yes	No	Yes	No	No	Yes

Restore Options from Snapshots

Support for snapshot restore options is listed in the tables below, organized by vendor.

Restore Options - Amazon Web Services

Asset	Restore to Original Location	Restore to Alternate Location	In-place Restore
Virtual Machine	Yes	Yes	Yes [1]
Volumes	Yes	Yes	No
Hosted Applications - host level	Yes	Yes	No
Hosted Applications - disk level	Yes	Yes	No
PaaS Applications: Amazon RDS, Aurora	Yes	Yes	No

1. Overwrites the existing virtual machine.

Restore Options - Google Cloud Platform

Asset	Restore to Original Location	Restore to Alternate Location	In-place Restore
Virtual Machine	Yes	Yes	No
Volumes	Yes	Yes	No
Hosted Applications - host level	Yes	Yes	No
Hosted Applications - disk level	Yes	Yes	No

Restore Options - Microsoft Azure

Asset	Restore to Original Location	Restore to Alternate Location	In-place Restore
Virtual Machine	Yes	Yes	Yes
Volumes	Yes	Yes	No
Hosted Applications - host level	Yes	Yes	No
Hosted Applications - disk level	Yes	Yes	No

Replication Support Across Regions

Support for replication across regions is listed in the tables below, organized by cloud vendor.

For more information on prerequisites for replicating snapshots across regions, see

"Requirements for replicating snapshots" <https://www.veritas.com/content/support/en_US/doc/136496668-138126296-0/v134066838-138126296> in the Veritas CloudPoint Administrator's Guide.

Replication Support - Amazon Web Services

Asset	Replication support
Virtual Machine	Yes
Volumes	Yes
Hosted Applications - host level	Yes
Hosted Applications - disk level	Yes
PaaS Applications: Amazon RDS, Aurora - manual snapshots	Yes - Can be replicated to same region as source
PaaS Applications: Amazon RDS, Aurora - AWS automated snapshots	No

Replication Support Across Accounts

Support for replication across accounts is listed in the tables below, organized by vendor.

For more information on prerequisites for replicating snapshots across accounts, see

"Requirements for replicating snapshots" <https://www.veritas.com/content/support/en_US/doc/136496668-138126296-0/v134066838-138126296> in the Veritas CloudPoint Administrator's Guide.

Replication Support - Amazon Web Services

Asset	Replication support
Virtual Machine	No
Volumes	Yes
Hosted Applications - host level	No
Hosted Applications - disk level	Yes
PaaS Applications: Amazon RDS, Aurora - manual snapshots	Yes - Can be replicated to same region as source
PaaS Applications: Amazon RDS, Aurora - AWS automated snapshots	No

Restore Options for Snapshots Replicated Across Regions

Support for restore options for snapshots replicated across regions is listed in the tables below, organized by vendor.

Replicated Snapshot Restore Support - Amazon Web Services

Asset	Restore to Original Location	Restore to Alternate Location	In-place Restore
Virtual Machine	Yes	Yes	No
Volumes	No	Yes - Restore to VM in the region of user's choice	No
Hosted Applications - host level	Yes	Yes	No
Hosted Applications - disk level	No	Yes	No
PaaS Applications: Amazon RDS, Aurora	Yes - Restore to default subnet in region	Yes - Restore to subnet in region of user's choice	No

Restore Options for Snapshots Replicated Across Accounts

Support for restore options for snapshots replicated across accounts is listed in the tables below, organized by vendor.

Replicated Snapshot Restore Support - Amazon Web Services

Asset	Restore to Original Location	Restore to Alternate Location	In-place Restore
Virtual Machine	No	No	No
Volumes	No	Yes - Restore to VM in the locale of user's choice	No
Hosted Applications - host level	No	No	No
Hosted Applications - disk level	No	Yes	No
PaaS Applications: Amazon RDS, Aurora	Yes - Restore to default subnet in region	Yes - Restore to subnet in region of user's choice	No

Supported Regions

Region support for cloud providers is listed in the tables below, organized by provider.

CloudPoint - Supported Regions

Cloud Provider	Supported Regions
Amazon Web Services	Asia Pacific (Hong Kong), Asia Pacific (Mumbai), Asia Pacific (Seoul), Asia Pacific (Singapore), Asia Pacific (Sydney), Asia Pacific (Tokyo), AWS GovCloud (US-East), AWS GovCloud (US-West), Canada (Central), China (Beijing), China (Ningxia), Europe (Frankfurt), Europe (Ireland), Europe (London), Europe (Paris), Middle East (Bahrain), South America (Sao Paulo), US East (N. Virginia), US East (Ohio), US West (N. California), US West (Oregon)
Google Cloud Platform	Asia-East1 (zones a, b, c), Asia-East2 (zones a, b, c), Asia-Northeast1 (zones a, b, c), Asia-Northeast2 (zones a, b, c), Asia-South1 (zones a, b, c), Asia-Southeast1 (zones a, b, c), Australia-Southeast1 (zones a, b, c), Europe-North1 (zones a, b, c), Europe-West1 (zones b, c, d), Europe-West2 (zones a, b, c), Europe-West3 (zones a, b, c), Europe-West4 (zones a, b, c), Europe-West6 (zones a, b, c), NorthAmerica-Northeast1 (zones a, b, c), SouthAmerica-East1 (zones a, b, c), US-Central1 (zones a, b, c, f), US-East1 (zones b, c, d), US-East4 (zones a, b, c), US-West1 (zones a, b, c), US-West2 (zones a, b, c)
Microsoft Azure	All regions

Database Applications

Support for database applications is listed in the tables below, organized by vendor.

MongoDB

Deployment Notes for MongoDB

- Supported with standalone MongoDB instance.
- Supported with MongoDB running on machines of type t2.large or later.
- Supported with MongoDB running on the following cloud instance types:
 - Amazon Web Services: t2.large/t3.large or later
 - Google Cloud Platform: n1-standard-2 or later
 - Microsoft Azure: Standard D2s v3 or later (2 vCPUs, 8 GB memory)
- Requires a database administrator user having administrative privileges to all databases in MongoDB that are being protected with CloudPoint.
- Disk-level snapshot and restore are only supported if the database resides on a non-system drive.
- Journaling must be enabled.
- Mongod service must be started using systemd.

For more information on configuring MongoDB, see

"MongoDB plug-in configuration notes" <https://www.veritas.com/content/support/en_US/doc/136496668-138126296-0/v131997528-138126296> in the Veritas CloudPoint Administrator's Guide.

MongoDB - Supported Functionality

Application version	Platform	Disk level snapshot	Disk level snapshot restore to original location	Disk level snapshot restore to alternate location	Host level snapshot	Host level snapshot restore to original location	Host level snapshot restore to alternate location	Supported OS platforms	On-Host Agent Support	Agentless Support
3.6	Amazon Web Services	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.x	Yes	Yes
3.6	Google Cloud Platform	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.x	Yes	Yes
3.6	Microsoft Azure	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.x	Yes	Yes

Microsoft SQL

Deployment Notes for Microsoft SQL

- Supported with SQL Server standalone instance on non-system drives.
- Supported with SQL on-host agent running on the following cloud instance types:
 - Amazon Web Services: t2.large/t3.large or later
 - Microsoft Azure: Standard D4s v3 or later (4 vCPUs, 16 GB memory)

For more information on configuring Microsoft SQL, see

"Microsoft SQL plug-in configuration notes" <https://www.veritas.com/content/support/en_US/doc/136496668-138126296-0/v137017751-138126296> in the Veritas CloudPoint Administrator's Guide.

Microsoft SQL - Supported Functionality

Application version	Platform	Disk level snapshot	Disk level snapshot restore to original location	Disk level snapshot restore to alternate location	Host level snapshot	Host level snapshot restore to original location	Host level snapshot restore to alternate location	Supported OS platforms	On-Host Agent Support	Agentless Support
2014, 2016	Amazon Web Services	Yes	Yes	Yes	Yes	Yes	Yes	Windows 2012 R2, 2016	Yes	No
2014, 2016	Microsoft Azure	Yes	Yes	Yes	Yes	Yes	Yes	Windows 2012 R2, Windows 2016	Yes	No

Oracle

Deployment Notes for Oracle

- Supported with Oracle standalone databases.
- Supported with Oracle running on machines of type t2.large or later.
- Supported with Oracle running on the following cloud instance types:
 - Amazon Web Services: t2.large/t3.large or later
 - Google Cloud Platform: n1-standard-2 or later
 - Microsoft Azure: Standard D2s v3 or later (2 vCPUs, 8 GB memory)
- Oracle binary and Oracle data must be on separate volumes.
- Disk-level snapshot and restore are only supported if the database resides on a non-system drive.
- Log Archiving must be enabled.
- See Oracle's documentation regarding the recommended size of the db_recovery_file_dest_size.

For more information on configuring Oracle, see

"Oracle plug-in configuration notes" <https://www.veritas.com/content/support/en_US/doc/136496668-138126296-0/v135377203-138126296> in the Veritas CloudPoint Administrator's Guide.

Oracle - Supported Functionality

Application version	Platform	Disk level snapshot	Disk level snapshot restore to original location	Disk level snapshot restore to alternate location	Host level snapshot	Host level snapshot restore to original location	Host level snapshot restore to alternate location	Supported OS platforms	On-Host Agent Support	Agentless Support
12c, 18c	Amazon Web Services	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.x	Yes	Yes
12c, 18c	Microsoft Azure	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.x	Yes	Yes