Veritas CloudPoint 2.2
Cloud Application Compatibility List

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Introduction

This Cloud Application Compatibility List (Cloud ACL) contains information about software applications supported with Veritas CloudPoint 2.2.

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.

The information in the this compatibility list is provided "as is," and all express or implied conditions, representations and warranties, including any implied warranty of merchantability, fitness for a particular purpose or non-infringement, are disclaimed, except to the extent that such disclaimers are held to be legally invalid, Veritas Technologies LLC shall not be liable for incidental or consequential damages in connection with the furnishing, performance, or use of this documentation.

The information contained in this Cloud ACL is subject to change without notice.

Contents

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
Linux	Yes	Yes	Yes	Yes	No	Yes	Yes
Windows	Yes	No	Yes	No	Yes	No	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
Linux	Yes	Yes	Yes	No	No	Yes	No
Windows	No	No	No	No	No	No	No

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
Linux	Yes	Yes	Yes	Yes	No	Yes	No
Windows	Yes	No	Yes	No	Yes	No	No

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
Applications (PaaS)	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	No
Volumes	Yes	Yes	No
Hosted Applications - host level	Yes	Yes	No
Hosted Applications - disk level	Yes	Yes	No

Veritas CloudPoint 2.2 Cloud Application Compatibility List

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/136496668-136496873-0/v134066838-136496873> 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
Applications (PaaS) - manual snapshots	Yes - Can be replicated to same region as source
Applications (PaaS) - 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/136496668-136496873-0/v134066838-136496873> 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
Applications (PaaS) - manual snapshots	Yes - Can be replicated to same region as source
Applications (PaaS) - AWS automated snapshots	No

Veritas CloudPoint 2.2 Cloud Application Compatibility List

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
Applications (PaaS)	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
Applications (PaaS)	Yes - Restore to default subnet in region	Yes - Restore to subnet in region of user's choice	No

Database Applications

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

Supports ext3, ext4 and xfs file systems on Linux operating systems. (ext2 snapshots are not application consistent due to underlying OS limitations.)

Supports NTFS file systems on Windows operating systems.

The following browser versions are supported:

• Google Chrome : 57.0.2987 or later

• Mozilla Firefox : 52.0.0 or later

MongoDB

Deployment Notes for MongoDB

• Supported with standalone MongoDB instance.

• Supported with MongoDB running on machines of type t2.large or later.

• 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/136496668-136496873-0/v131997528-136496873> 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 7.4, 7.5	Yes	Yes
3.6	Google Cloud Platform	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.4, 7.5	Yes	Yes
3.6	Microsoft Azure	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.4, 7.5	Yes	Yes

Microsoft SQL

Deployment Notes for Microsoft SQL

• Supported with SQL Server standalone instance on non-system drives.

For more information on configuring Microsoft SQL, see
"Microsoft SQL plug-in configuration notes" <https://www.veritas.com/content/support/en_US/doc/136496668-136496873-0/v137017751-136496873> 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.

• 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/136496668-136496873-0/v135377203-136496873> 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 7.4, 7.5	Yes	Yes
12c, 18c	Microsoft Azure	Yes	Yes	Yes	Yes	Yes	Yes	Red Hat Enterprise Linux 7.4, 7.5	Yes	Yes