

Veritas CloudPoint™ Quick Start Guide for Google Launcher

What is CloudPoint?

CloudPoint is a lightweight, snapshot-based data protection solution for public clouds and modern data centers. CloudPoint introduces important new data protection and orchestration capabilities needed in the cloud and aligns closely with Veritas’ multi-cloud data management strategy.

Veritas CloudPoint is purposely built for the data center and multi-cloud.

It delivers:

- Native, multi-cloud data protection
- Streamline and automate snapshots
- Application consistent snapshots
- Faster recovery with finer controls
- Modular architecture for rapid workload integration

KEY FEATURES

- Snapshot-based data protection
- Automated scheduling and creation
- Multi-cloud visibility and orchestration
- Auto-deletion of expired snapshots
- Fast RPO and RTO
- Deep integration with storage arrays, and public and private cloud platforms
- Modular architecture for rapid workload proliferation
- Intuitive interface and reporting
- RESTful APIs for storage management and administration

Launch CloudPoint

1 Enter your installation parameters

1. In Google Cloud Platform (GCP), navigate to the CloudPoint product page and click **Launch on Compute Engine**.
2. Complete the **New Veritas CloudPoint deployment** page.
 - Enter the deployment name and select the zone in which to run CloudPoint.
 - Use the default values for the boot disk and networking parameters.
 - Select your data disk size. This disk will store the CloudPoint data.

When you’re done, the deployment page should look similar to the following:

Google Cloud PlatformVeritas

New Veritas CloudPoint™ deployment

Deployment name

cloudpoint-3

Zone

us-central1-f

Machine type

2 vCPUs7.5 GB memoryCustomize

Boot Disk

Disk type

Standard Persistent Disk

Disk size in GB

30

Networking

Network name

default

Subnetwork name

default

Firewall

Add tags and firewall rules to allow specific network traffic from the Internet

Allow HTTPS traffic

Allow TCP port 5671 traffic

More

Data Disk Configuration

Data Disk Size in GB

50

Deploy

3. Click **Deploy**.

2 Verify installation

1. On the installation verification page, verify your installation values. For detailed information, click **More about the software**.

Note: CloudPoint is still installing in the background. After the verification page is displayed, wait 3-5 minutes before you perform the next step.

cloudpoint

Veritas CloudPoint™

Solution provided by Veritas Technologies LLC

Site address

https://104.155.146.250:443/

Instance

cloudpoint-4-vm

Instance zone

us-central1-f

Instance machine type

n1-standard-2

More about the software

Get started with Veritas CloudPoint™

Visit the site

SSH

Suggested next steps

Assign a static external IP address to your VM instance

An ephemeral external IP address has been assigned to the VM instance. If you require a static external IP address, you may promote the address to static.

Learn more

Documentation

Quick Start Guide

Documentation

All CloudPoint documentation including the Administrator's Guide.

CloudPoint Community Forum

This version includes a 10 FETB free use license with VOX community support.

Support

Email, online, and phone support included for paid licenses. Community support forum available for all licenses.

Veritas Support

Note: If you select a data disk size larger than 50 GB, Google Launcher displays a warning message asking you to manually resize the partition. You can safely ignore this message.

Template properties

More

2. Click **Visit the site**.

Note: if you want to remotely access the instance on which CloudPoint is running, click SSH.

CloudPoint is now installed. The next step is to launch the CloudPoint user interface in your browser and complete the final configuration steps. Continue with the next page.

Configure CloudPoint

1 Configure CloudPoint

1. Open a browser and point it to the host on which CloudPoint is installed.

`https://cloudpoint_hostFQDN`

Note: Your browser may display a security warning about accessing the site. Accept the security exception.

Here, *cloudpoint_hostFQDN* is the Fully Qualified Domain Name of the host.

The configuration screen is displayed.

Welcome to CloudPoint™ Initial Configuration

Admin Account Setup

Username *

User Name

Password *

Password

Confirm Password *

Confirm password

Host information

Host names or IP *

Host names or IP

0.0.0.0

Select Your License *

Upgrade to a paid version by uploading your license key anytime after login

Freemium

Perpetual with limited features up to 10 FETB

Evaluation

60-day trial with all features up to 1000 FETB

☒ Help us improve CloudPoint™ by automatically sending your usage information to Veritas.

☐ I agree to the terms and conditions of the [End User License Agreement](#) and [additional terms](#) for the Freemium license.

Configure

2. Enter a valid email address for the CloudPoint administrator user name and enter a password.
3. Enter any additional host names that are used to connect to the CloudPoint host.

CloudPoint uses the specified host names to generate a server certificate for authentication. The name (CloudPoint host FQDN) that you used to launch the initial configuration screen earlier is added to the list by default.
4. Select a CloudPoint license that you wish to install.
5. Click **Configure**.
6. On the sign in screen, enter your admin user name and password that you specified earlier.

2 Gather GCP plug-in configuration information

To use CloudPoint for managing assets in Google Cloud Platform (GCP), you will need the following:

- A service account in GCP
- The credentials file that contains the key-value pairs of service account keys that are used to authenticate to Google.

The contents of this file are required while configuring the CloudPoint plug-in for GCP.

Refer to the following Google documentation for details:

<https://cloud.google.com/compute/docs/access/service-accounts>

<https://cloud.google.com/iam/docs/understanding-service-accounts>

<https://cloud.google.com/iam/docs/creating-managing-service-accounts>

Before you configure CloudPoint, have the following information ready:

CloudPoint term	GCP term/description
Project ID	The ID of the project from which the resources are managed.
Client ID	The Client ID that is used for operations.
Client Email	The email address of the client Id.
Private Key ID	The ID of the private key.
Private Key	The private key. <p>You must enter this key without quotes (neither single quotes nor double quotes). Do not enter any spaces or return characters at the beginning or end of the key.</p>
Zones	The list of zones in which the plug-in operates.

3 Configure the GCP plug-in

1. On the coffee screen, click **Manage clouds and arrays**.
2. On the *Clouds and Arrays* page, click on the **Google Cloud Platform** row.
3. On the *Details* page, click **Add configuration**.
4. On the *Add a New Configuration for Google Cloud Platform* page, enter the **Project ID**, **Client ID**, **Client Email**, **Private Key ID**, **Private Key**, and select the **Zones**.

Add a New Configuration for Google Cloud Platform

Project Id

client id

client Email

Private Key Id

Private Key

Zones

☐ us-east4-b

☐ us-east4-a

☐ us-east4-c

☐ us-west1-a

☒ us-west1-c

☐ us-west1-b

Cancel

Save

5. Click **Save**.

Protect an asset

1 Create a protection policy

- On the CloudPoint dashboard, in the **Administration** area, find **Policies**, and click **Manage**.
- On the Policies page, click **New Policy**.
- Complete the **New Policy** page.

New Policy

Policy Information

Policy Name *

Description

Storage Level *

300 characters left

Please select a storage level

Application Consistent

☐ Enable Replication

Retention *

0

Copies

Days

Weeks

Months

Years

Scheduling *

Hourly

Daily

Weekly

Monthly

Save

Cancel

Enter the following:

Policy Information

- Policy Name

Enter lower case letters, numbers, and hyphens. The name should begin and end with a letter.
- Description

Summarize what the snapshot does. (Optional)
- Storage Level

Select disk, host, or application. (An application snapshot requires the CloudPoint Enterprise license.)
- Application Consistent

Whether you take an application consistent snapshot or a crash-consistent snapshot. An application-consistent snapshot is recommended for taking snapshots of database applications. (An application consistent snapshot requires the CloudPoint Enterprise license.)
- Enable replication

Select this check box if you want to copy snapshots to another physical location for added protection.

Retention Specify the number of snapshot versions to keep for each asset associated with this policy.

Scheduling Select how often a snapshot is taken: hourly, daily, weekly, or monthly. Depending on your choice, also specify the time (by clicking the clock icon), the date, or the day of the week.

The following example creates a weekly disk level snapshot policy.

New Policy

Policy Information

Policy Name *

weekly_disk_snapshot

Description

Takes a disk-level snapshot each week

400 characters left

Storage Level *

disk

Application Consistent

☒ Enable Replication

Retention *

4

Copies

Days

Weeks

Months

Years

Scheduling *

Hourly

Daily

Weekly

Monthly

Run at 12:00 AM on...

S

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W

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F

S

Save

Cancel

- Click **Save**.

2 Assign an asset to a policy

- On the CloudPoint dashboard, in the **Environment** area, find the asset type you want to protect, and click **Manage**. This example protects an application.
- On the **Asset Management** page, select the asset you want to protect.
- On the **Details** page, click **Policies**.

Asset Management

Filter...

Show: Disk

GCP Disk us-west1-c/kent-cp-rhel2-data1

disk | google

GCP Disk us-west1-c/kent-cp-ubuntu

disk | google

GCP Disk us-west1-c/kent-cp1-data3-323f2

disk | google

GCP Disk us-west1-c/abhilasha-cp-data1-2feca

disk | google

GCP Disk us-west1-c/abhilasha-cp-data1-18877

disk | google

GCP Disk us-west1-c/abhilasha-cp-data1-f2951

disk | google

GCP Disk us-west1-c/ubuntu-2-data1-26e1f

disk | google

GCP Disk us-west1-c/oro-kent-co-rhel4-data1-13b13

disk | google

Details

GCP Disk us-west1-c/kent-cp-rhel2-data1

Vendor

google

Region

us-west1

Snapshotable

Yes

ID

google-gcpd-us-west1-c-132637624534622825

Policies (0)

View Snapshot

Create Snapshot

Policies

Viewing 39 results of 39

- On the **Policies for asset name** screen assign one or more policies to the asset. In the **Available Policies** column, click the policy you want to assign. Repeat this step for as many policies as you want to add.

Policies for EBS Volume vol-0050efc40287f0699

Available Policies

Filter...

☐ weekly_disk_snapshot

Protection Level: disk

Assign Selected

Assign All

Remove All

Remove Selected

Applied Policies

Filter...

Cancel

Save

- When you are done assigning policies, click **Save**.