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High Performance Network Security

FortiSIEM — OpenStack Installation Guide

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FortiSIEM —OpenStack Installation Guide
Revision 1

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Change Log

Date	Change Description
04/08/2019	Initial version of FortiSIEM OpenStack Installation Guide.
08/20/2019	Revision 1: Updated the location of the image download site.

Installing FortiSIEM in OpenStack

This document provides instructions for installing FortiSIEM on OpenStack.

Installing a Supervisor, Worker, or All-In-One Node

Follow these steps for installing a FortiSIEM Supervisor, Worker, or All-In-One node on OpenStack

Step 1: Download the KVM

1. Download the KVM Image from the Fortinet Support website https://support.fortinet.com. See "Downloading FortiSIEM Products" for more information on downloading products from the support website.

2. Unzip the Images.

3. Verify that there are three disks: `system`, `svn`, and `cmdb`.

Step 2: Create a Volume

1. Log in to the OpenStack dashboard.

2. Select the appropriate project from the drop-down menu at the top left.

3. On the **Project** tab, open the **Volumes** tab and click the **Volumes** category.

4. Click **Create Volume**.

   In the dialog box that opens, enter or select the following values.

   - **Volume Name**: Specify a name for the volume.

   - **Description**: Optionally, provide a brief description for the volume.

   - **Volume Source**: Select the following option:

     - **Volume**: If you choose this option, a new field for **Use volume as a source** displays. You can select the volume from the list. Options to use a snapshot or a volume as the source are displayed only if there are existing snapshots or volumes. (Select the `system` disk.)

   - **Type**: Leave this field blank.

   - **Size (GB)**: Specify the size of the volume in gigabytes (GiB).

   - **Availability Zone**: Select the Availability Zone from the list. By default, this value is set to the availability zone given by the cloud provider (for example, `us-west` or `apac-south`). For some cases, it could be `nova`.

5. Click **Create Volume**.

6. Repeat Steps 1 through 6 for the `svn` and `cmdb` disks.

Step 3: Create an Instance

Create an instance from the volume created with the `system` disk (see substeps 1 to 5 in Step 2: Create a Volume), but **do not** boot the instance.

Step 4: Attach the Volume to the Instance

1. Attach the CMDB volume you created in substeps 1 to 5 in Step 2: Create a Volume, then attach it to the instance created in Step 3: Create an Instance.

2. Attach the SVN volume you created in substeps 1 to 5 in Step 2: Create a Volume, then attach it to the instance created in Step 3: Create an Instance.

3. Boot the instance.

Installing a Collector

Follow these steps to install a FortiSIEM collector on OpenStack.

Step 1: Download the KVM

1. Download the KVM Image from the Fortinet Support website https://support.fortinet.com. See "Downloading FortiSIEM Products" for more information on downloading products from the support website.

2. Unzip the Images.

3. Verify that there are three disks: `system`, `svn`, and `cmdb`.

Step 2: Create a Volume

1. Log in to the OpenStack dashboard.

2. Select the appropriate project from the drop-down menu at the top left.

3. On the **Project** tab, open the **Volumes** tab and click the **Volumes** category.

4. Click **Create Volume**.

   In the dialog box that opens, enter or select the following values.

   - **Volume Name**: Specify a name for the volume.

   - **Description**: Optionally, provide a brief description for the volume.

   - **Volume Source**: Select the following option:

     - **Volume**: If you choose this option, a new field for **Use volume as a source** displays. You can select the volume from the list. Options to use a snapshot or a volume as the source are displayed only if there are existing snapshots or volumes. (Select the `system` disk.)

   - **Type**: Leave this field blank.

- **Size (GB)**: Specify the size of the volume in gigabytes (GiB).

- **Availability Zone**: Select the Availability Zone from the list. By default, this value is set to the availability zone given by the cloud provider (for example, `us-west` or `apac-south`). For some cases, it could be `nova`.

5. Click **Create Volume**.

Step 3: Create an Instance

Create an instance from the volume created with the `system` disk (see substeps 1 to 5 in Step 2: Create a Volume), but **do not** boot the instance.