

Membuat Instance di Openstack

Langkah-langkah yang dilakukan, berikut ini:

1. Kirim image vm format qcow2 ke vm Openstack

```
root@mirah:/1/images/236009# ls
vm-236009-disk-0.qcow2
root@mirah:/1/images/236009# scp vm-236006-disk-0.qcow2 ridho@10.119.216.250:
```

2. Upload image vm tsb ke glance openstack, dengan cara berikut ini

```
root@ubuntu-allinone:~# openstack image create --disk-format qcow2 --container-format bare --public --file vm-236006-disk-0.qcow2 S50-backend
+-----+
| Field | Value |
+-----+
| checksum | 9368a9339879e4caed737099c15c526b |
| container_format | bare |
| created_at | 2020-09-08T03:17:36Z |
| disk_format | qcow2 |
| file | /v2/images/ce98fdd2-708a-4282-b3f0-56f2c99e29c3/file |
| id | ce98fdd2-708a-4282-b3f0-56f2c99e29c3 |
| min_disk | 0 |
| min_ram | 0 |
| name | S50-backend |
| owner | 868bdf96d7d4ef79f02ad7c7d2e125b |
| properties | {'os_hash_algo': 'sha512', 'os_hash_value': '41b2dda1ea2a0524cb5807c8b4a303e4cd991d650d036434c7df41688f3e5f7f0b01a8462529679cbeafceac60b73b45c11514d9ca021863f9260d9ff0e43575'} |
| os_hidden | False |
| protected | False |
| schema | /v2/schemas/image |
| size | 10739318784 |
| status | active |
| tags | |
| updated_at | 2020-09-08T03:21:17Z |
| virtual_size | None |
| visibility | public |
+-----+
```

3. Kemudian periksa terlebih dahulu image yang sudah diupload berhasil atau tidak nya.

```
root@ubuntu-allinone:~# openstack image list | grep ce98fdd2-708a-4282-b3f0-56f2c99e29c3
| ce98fdd2-708a-4282-b3f0-56f2c99e29c3 | S50-backend | active |
root@ubuntu-allinone:~#
```

4. Setelah itu buat instance baru menggunakan image yang sudah di upload.
Project - Compute - Instances - Launch Instance

Detail

- Instance name= sso-backend

Launch Instance

Details

Source *

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Please provide the initial hostname for the instance, the availability zone where it will be deployed, and the instance count. Increase the Count to create multiple instances with the same settings.

Instance Name *

sso-backend

Description

Availability Zone

nova

Count *

1

Total Instances (10 Max)

30%

2 Current Usage

1 Added

7 Remaining

Cancel

Back

Next >

Launch Instance

Source

- Allocated = SSO-Backend

Launch Instance

Details

Source

Flavor *

Networks *

Network Ports

Security Groups

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Server Groups

Scheduler Hints

Metadata

Instance source is the template used to create an instance. You can use an image, a snapshot of an instance (image snapshot), a volume or a volume snapshot (if enabled). You can also choose to use persistent storage by creating a new volume.

Select Boot Source

Image

Allocated

Name	Updated	Size	Type	Visibility	
> SSO-backend	9/8/20 10:21 AM	10.00 GB	qcow2	Public	↓

Available 3

Select one

Q

Click here for filters or full text search.

Name	Updated	Size	Type	Visibility	
> bionic-server-cloudimg-amd64.img	9/3/20 2:00 PM	340.69 MB	qcow2	Public	↑
> cirros-0.5.1-x86_64-disk.img	9/3/20 1:32 PM	15.58 MB	qcow2	Shared	↑

Flavor

- flavor-1

Launch Instance

Details

Source

Flavor

Networks *

Network Ports

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Scheduler Hints

Metadata

Flavors manage the sizing for the compute, memory and storage capacity of the instance.

Allocated

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public	
> flavor-1	2	4 GB	20 GB	20 GB	0 GB	Yes	↓

▼ Available 2

Select one

Q

Click here for filters or full text search.

×

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public	
> flavor	2	1 GB	1 GB	1 GB	0 GB	Yes	↑
> flavor-0	2	2 GB	8 GB	8 GB	0 GB	Yes	↑

✕ Cancel

< Back

Next >

Launch Instance

Network

- net-int

Launch Instance

Details

Source

Flavor

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Networks provide the communication channels for instances in the cloud.

▼ Allocated 1

Select networks from those listed below.

Network	Subnets Associated	Shared	Admin State	Status	
↕ 1 > net-int	subnet-int	No	Up	Active	↓

▼ Available 1

Select at least one network

Q

Click here for filters or full text search.

×

Network	Subnets Associated	Shared	Admin State	Status	
> net-ext	subnet-ext	Yes	Up	Active	↑

✕ Cancel

< Back

Next >

Launch Instance

Security Group

- tes

Launch Instance

Details

Source

Flavor

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Select the security groups to launch the instance in.

▼ Allocated 1

Name	Description
> tes	

▼ Available 1

Select one or more

Q Click here for filters or full text search.

Name	Description
> default	Default security group

✕ Cancel

< Back

Next >

Launch Instance

Keypair

- tes1

Launch Instance

Details

Source

Flavor

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

A key pair allows you to SSH into your newly created instance. You may select an existing key pair, import a key pair, or generate a new key pair.

+ Create Key Pair

Import Key Pair

Allocated

Displaying 1 item

Name	Type	Fingerprint
> tes1	ssh	98:95:cb:2c:dd:e5:c8:33:5d:71:d2:62:cc:a1:c4:31

▼ Available 1

Select one

Q Click here for filters or full text search.

Displaying 1 item

Name	Type	Fingerprint
> tes	ssh	2a:66:17:72:aa:48:d1:68:51:dd:fd:19:31:46:0a:c0

✕ Cancel

< Back

Next >

Launch Instance

5. Instance sudah berhasil dibuat

Project / Compute / Instances

Instances

Instance ID = Filter [Launch Instance](#) [Delete Instances](#) [More Actions](#)

Displaying 2 items

<input type="checkbox"/>	Instance Name	Image Name	IP Address	Flavor	Key Pair	Status	Availability Zone	Task	Power State	Age	Actions
<input type="checkbox"/>	sso-backend	sso-backend	192.168.11.36	flavor-1	tes1	Active	nova	None	Running	1 hour, 10 minutes	Create Snapshot

6. Lalu coba cek, masuk lewat consol

