

# How to associate a floating IP to your virtual instance

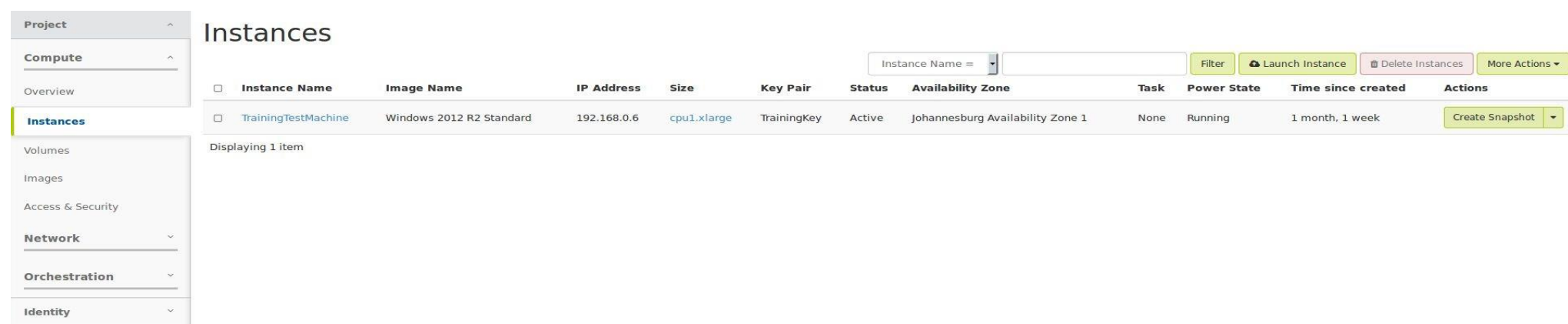
## Objectives

- What is a floating IP?
- Associate a floating IP

A virtual network will have a private IP address range, meaning that for an instance to be reachable from the internet, there needs to be a mechanism to assign a public IP to an instance. This is called the floating IP. This IP is allocated on a per project basis from a pool of Wingu's public IPs and can be assigned to any instance or port in a project.

# Associate a floating IP

To associate a floating IP to your virtual instance, you need to log into the Wingu Cloud dashboard. Then click on the **Compute** dropdown menu on the left hand side of the screen, then select the **Instances** item.



Project ^

Compute ^

Overview

**Instances**

Volumes

Images

Access & Security

Network v

Orchestration v

Identity v

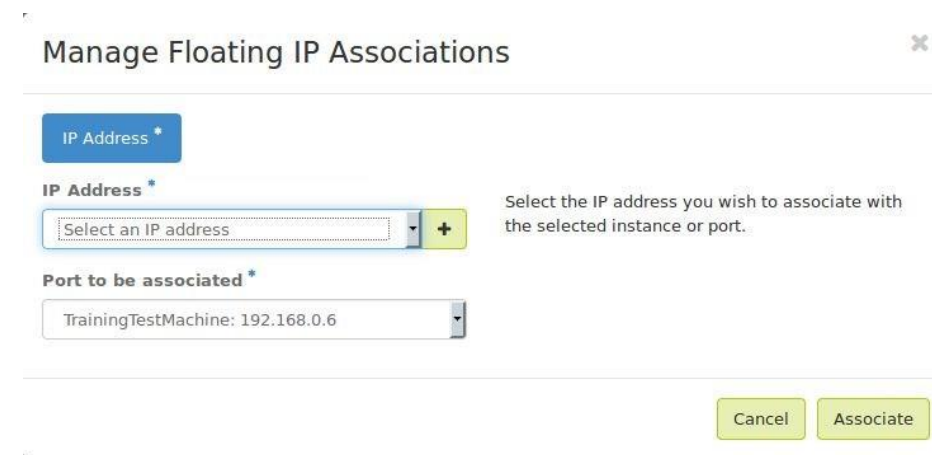
## Instances

Instance Name =  Filter Launch Instance Delete Instances More Actions v

<input type="checkbox"/>	Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
<input type="checkbox"/>	TrainingTestMachine	Windows 2012 R2 Standard	192.168.0.6	cpu1.xlarge	TrainingKey	Active	Johannesburg Availability Zone 1	None	Running	1 month, 1 week	<span>Create Snapshot v</span>

Displaying 1 item

Select the **Associate floating IP** item from the dropdown menu under the **Actions** column.



### Manage Floating IP Associations ✕

IP Address\*

IP Address\*

Select an IP address +

Select the IP address you wish to associate with the selected instance or port.

Port to be associated\*

TrainingTestMachine: 192.168.0.6

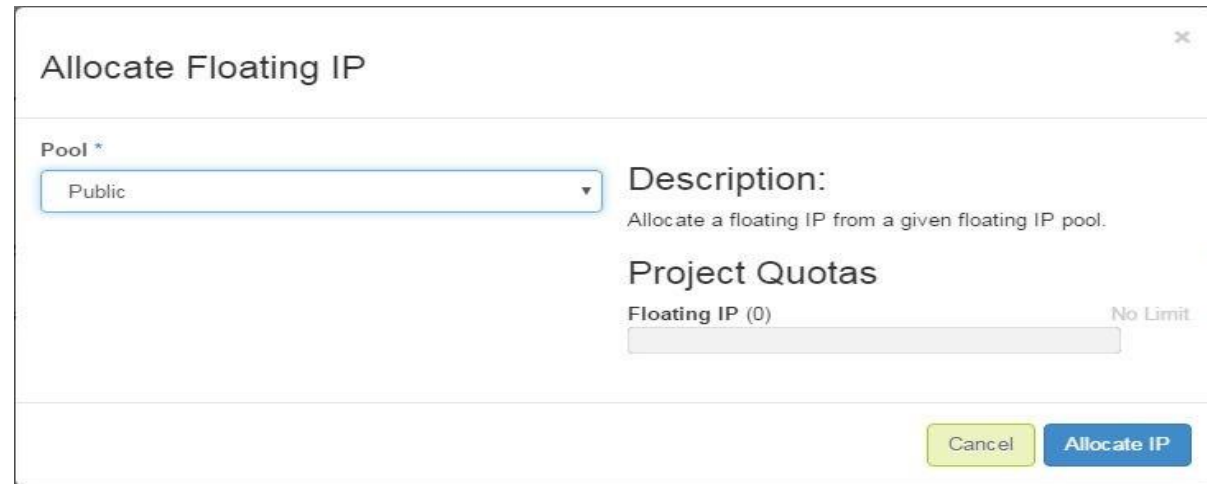
Cancel Associate

# Associate a floating IP

We need to get an available floating IP from the IP pool first.

You will now be able to select the **Pool** name from which your IP should be allocated.

Click on the **+** button next to the **IP Address** dropdown menu



Allocate Floating IP

Pool \*  
Public

Description:  
Allocate a floating IP from a given floating IP pool.

Project Quotas  
Floating IP (0) No Limit

Cancel Allocate IP

We only have Public pool available in Wingu, so leave it as is and click on the **Allocate IP** button.



# Associate a floating IP

Now that you have claimed an IP address from the pool, you will be able to select the IP allocated to you listed in the **IP Address** dropdown menu.



Manage Floating IP Associations


IP Address \*

IP Address \*  
196.223.208.52


Port to be associated \*  
TrainingTestMachine: 192.168.0.6

Select the IP address you wish to associate with the selected instance or port.

Cancel Associate

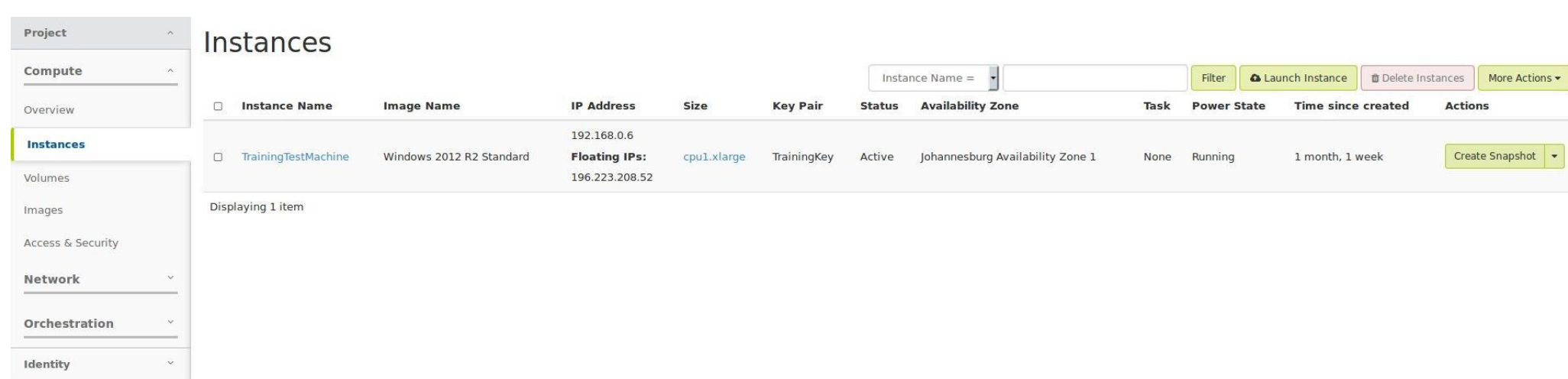


Select the **IP Address** allocated to you, and the **Port to be associated** to this IP address. Then click the **Associate** button



# Associate a floating IP

Your floating IP is now assigned to your virtual instance. Notice the second entry listed under **Floating IPs** in the selected instance line under the **IP Address** column.



The screenshot displays the OpenStack dashboard's 'Instances' page. On the left, a navigation sidebar includes 'Project', 'Compute', 'Overview', 'Instances' (highlighted), 'Volumes', 'Images', 'Access & Security', 'Network', 'Orchestration', and 'Identity'. The main content area is titled 'Instances' and features a search bar for 'Instance Name' with a 'Filter' button. Action buttons include 'Launch Instance', 'Delete Instances', and 'More Actions'. A table lists the instance 'TrainingTestMachine' with the following details:

Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
<input type="checkbox"/> TrainingTestMachine	Windows 2012 R2 Standard	<b>Floating IPs:</b> 192.168.0.6 196.223.208.52	cpu1.xlarge	TrainingKey	Active	Johannesburg Availability Zone 1	None	Running	1 month, 1 week	<input type="button" value="Create Snapshot"/>

Below the table, it states 'Displaying 1 item'.

# Thank you

For Support log a call at:

[support@wingu.co.za](mailto:support@wingu.co.za)