Oracle Cloud Deployment

This page contains instructions on how to deploy VoipNow with Hubgets in Oracle Cloud.

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Get Help

If something is unclear or you need further assistance, do not hesitate to open a ticket in the 4PSA Support Zone or ask a question in our monitored GetS atisfaction community.

Requirements

In order to be able to deploy Hubgets in Oracle Cloud, you need the following:

- Oracle cloud account with Compute Classic
- CentOS 7 Virtual Machine
- VoipNow Command Line Installer

Installation steps

Create a CentOS Private Image

In order to deploy a CentOS image inside Oracle Cloud, first you need to create a private image. Here's how you do that:

- 1. Log in to Oracle Cloud portal.
- 2. Download the CentOS Oracle Cloud image from here.
- 3. Upload the image as private to your Oracle Cloud account, i.e. under the **Images** tab of the **Compute Classic** console. For detailed steps, check t his guide.
- 4. Once you've uploaded the image, you must register it so that you can create a virtual machine.

Create a CentOS Virtual Machine

Sign in the Compute Classic console and take the following steps:

- 1. Open the Instances tab.
- 2. Click Create instance.
- 3. Then click the Show All Images link to gain access to the private image.
- 4. Click Private Images in the left panel.
- 5. Select your CentOS Image.
- 6. Then click Shape in the progress bar.

< Cancel	image Shape	Instance Network Storage Review		Review and Create
Shape				
Select a shape (OCPU and memory) for your instance. Learn more.				
Category	Name	OCPUs	Memory	GPUs
General Purpose	oc3	1	7.5 GB	
General Purpose	oc.4	2	15 GB	
General Purpose	005	4	30 GB	
General Purpose	oc6	8	60 GB	
General Purpose	oc7	16	120 GB	
General Purpose	068	24	180 GB	
General Purpose	009	32	240 GB	
High I/O	ocio1m	1	15 GB	
High I/O	ocio2m	2	30 GB	
High I/O	ocio3m	4	60 GB	
High I/O	ocio4m	8	120 GB	

For production use, we recommend that you choose at least OC4.

Due to the low number of vCPU's, OC3 is suitable for testing purposes only or for a very low user count.

7. Click Instance in the progress bar and make sure you add a SSH key. Otherwise you won't be able to access the instance.

< Cancel		mage Shape Instance I	O O O O O O O O O O O O O O O O O O O			
istance						
Enter the required details to create your instance. Learn more.	High Ava Add SSH	Hoptwar Add SSH Public Key Entra as SH Hay name to reference this hay for launching virtual machine instances. Copy your SH public key value and paster Paste the key value earchy as it was generated. Don't append or insert any spaces, characters, or line breaks. Learn more.				
	Enter an SSH Paste the key					
		(2) * Name				
		🕜 * Value				
			Select File			
			al.			
	🕐 Cus	Enabled 🖌				
			Add	Cancel		

- Then move on to Network. Here you can either leave the Default security list as is (i.e. enabled) or you can select Create a new security list.
 Up next is the Storage step. This is when you need to update the size of the storage to at least 50GB.
 - Unless you are planning to use S3 Compatible object storage, you need to set more space.
- 10. Click Review and, if everything looks OK, you can create the virtual machine.

Adjust security rules

By default, Oracle Cloud blocks all incoming traffic. For testing purposes, create a rule that allows all traffic following the instructions below. You can rely on the built-in firewall that will be created during the **Install Hubgets** step described below.

- 1. Go to the left panel and open the Security Rules tab.
- 2. Click Create Security Rule and do as explained below.
 - Name: Enter a name for the rule (for example, allow_all).
 - Status: Select Enabled.
 - Security Application: Select the all security application.
 - Source: From the Security IP Lists drop-down list, select public-internet.
 - Destination: Select default (or the name of the security list applied to the virtual machine instance).
 - Description: Enter a description for the rule (for example, Allow All Traffic)

Install Hubgets

Hubgets is build on top of VoipNow. In order to install Hubgets, take the following steps:

- 1. Connect to the virtual machine using Putty or SSH as a centos user and your SSH private key that matches the public SSH key assigned to the virtual machine.
- 2. Get root prvilleges using the following command:
 - sudo su -
- 3. Follow the Command Line Installer instructions.

Access the web interface

You can access the web interface at https://<serverip> using the following details:

```
Username: admin
Password: welcome
```



Enable Hubgets

In order to access Hubgets, first you need to set it up. To do so, follow the instructions in this tutorial.