VIRTUAL CABLE

Importing UDS on oVirt

#SmartDigitalWorkplace

VIRTUAL CABLE

Index

INTRODUCTION

UDS Enterprise components are provided as Virtual Appliances.

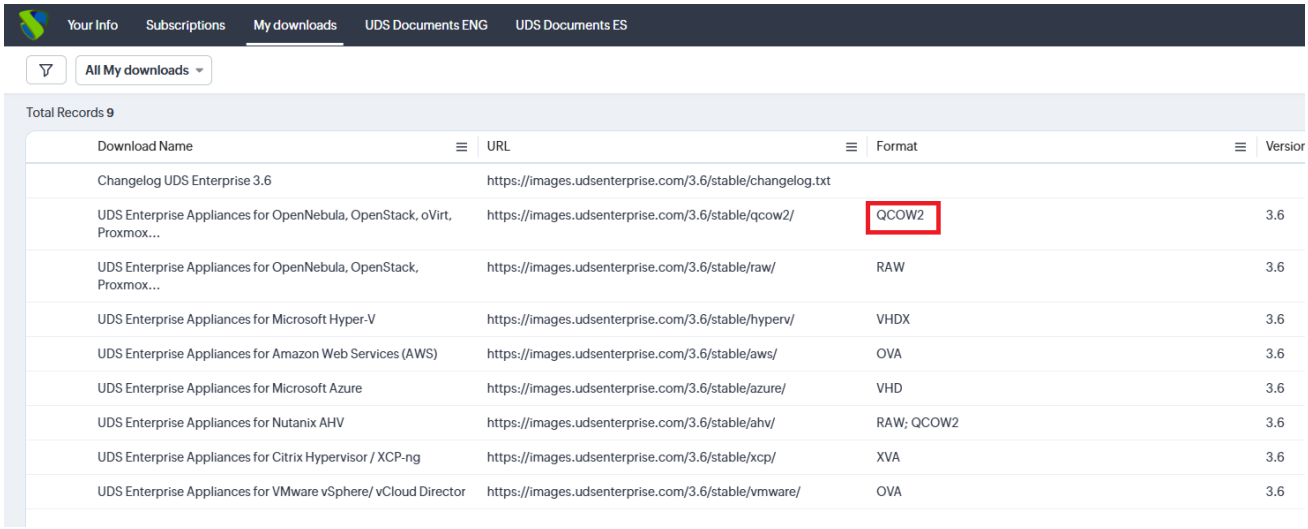
To upload these elements into the oVirt platform, perform the following tasks:

Download UDS Appliances

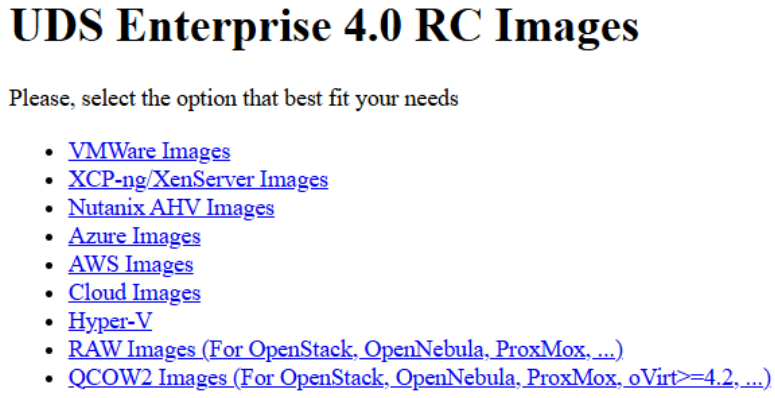
Access your account at:

https://myuds.udsenterprise.com/portal/MyUDSEnterprise/crm/login.sas

Once inside, in the "**My Downloads**" section, select "**UDS Enterprise Appliances for OpenNebula, OpenStack, oVirt, Proxmox (QCOW2 Format)**":



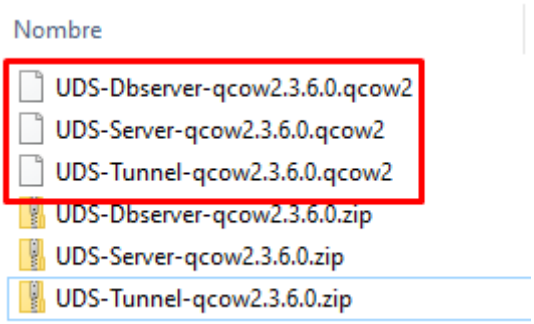
It will take you to a download repository where you will find the UDS Appliances:



Import UDS Appliances to the virtual platform

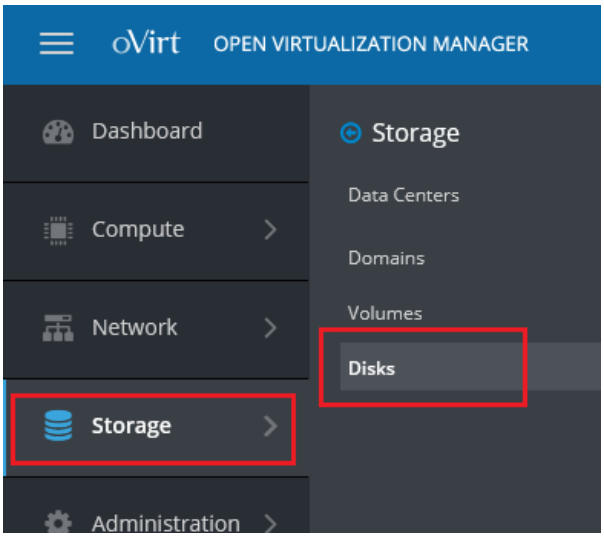
Download the UDS Appliances. See below an example with the UDS Server Appliance (**UDS-Server-qcow2.3.0.0**).

Download the .zip file and unzip it:

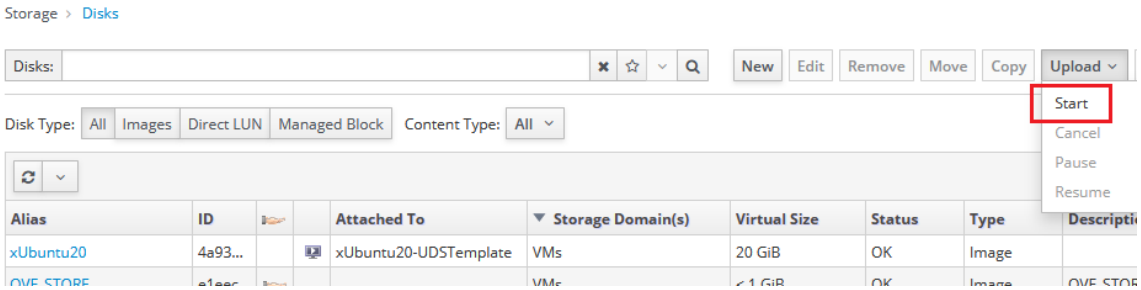


Access the oVirt environment through the oVirt-engine manager and proceed to import the server's virtual disk (in qcow2 format).

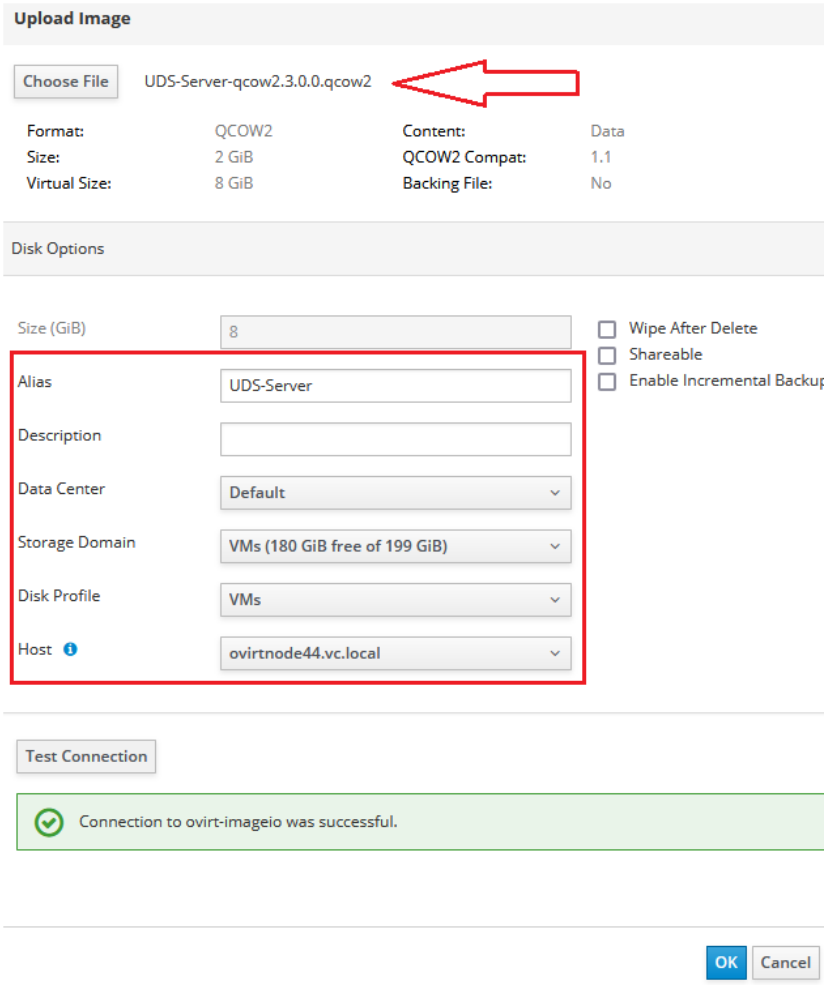
In the "**Storage**" menu access the "**Disk**" section



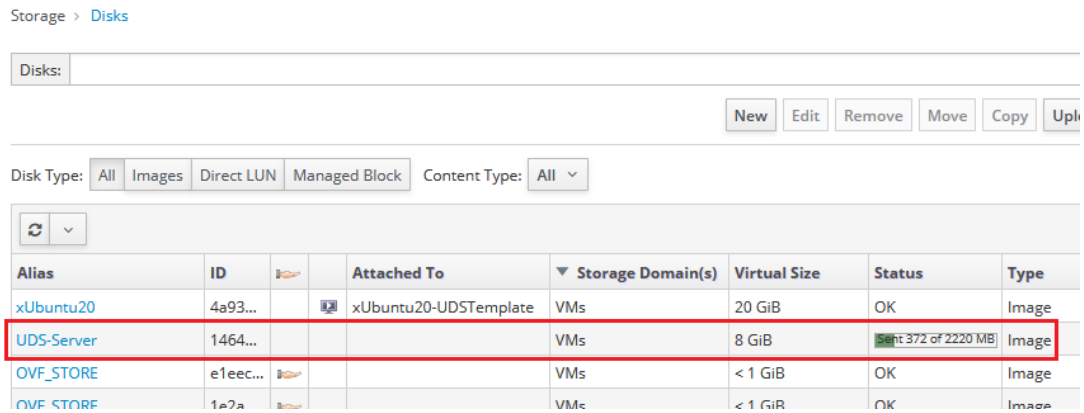
To import the disks from the UDS servers, in the menu select "**Upload**" and then "**Start**":



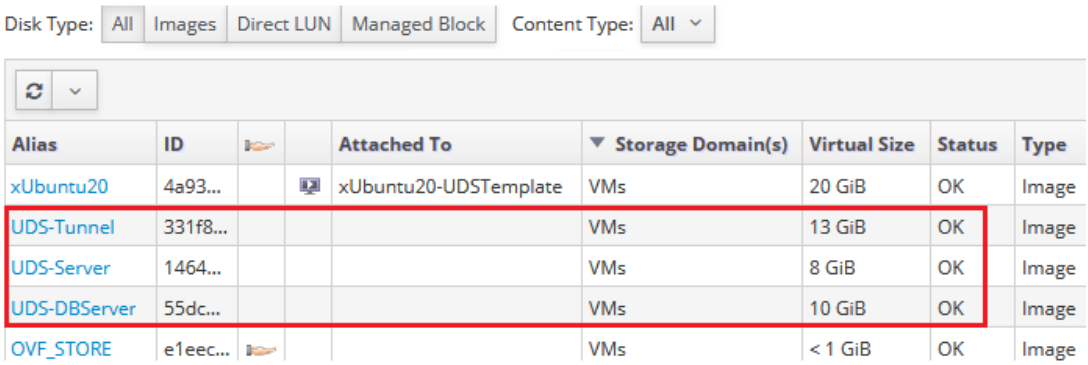
In the import wizard you must indicate the server's disk file in qcow2 format, and a name in which storage and host will be hosted.



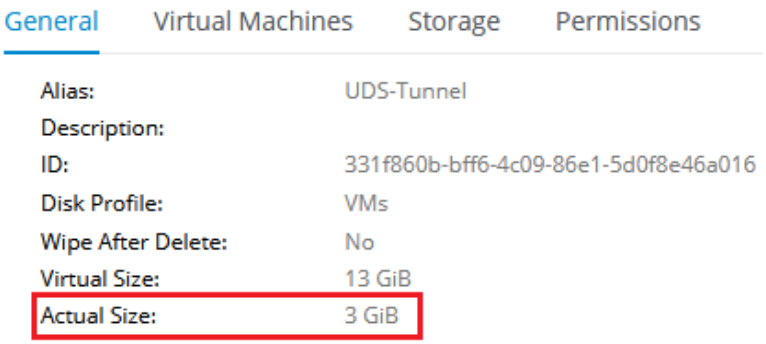
Once the data has been indicated and the connection test has been carried out, click on "**OK**" for the import process to start:



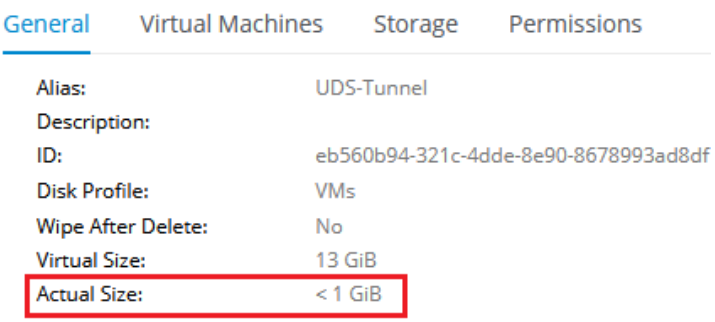
Once finished, proceed to import the rest of the UDS components (if necessary):



You have to confirm that the import process has been successful. To do this, access the disk that you have just imported and confirm that it has a size greater than 1 GB:

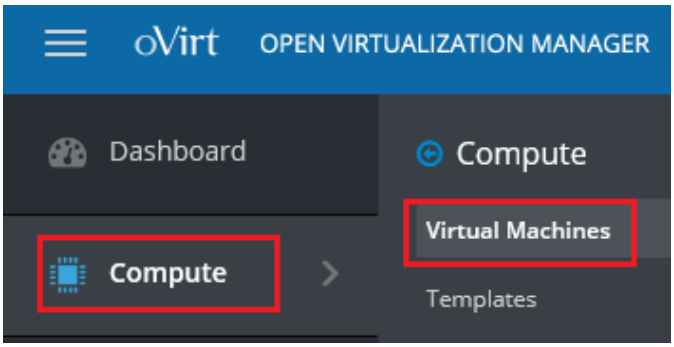


If after a while since the import started the size is less than 1 GB, you will have to repeat the process, since that means that the disk is not been imported correctly:

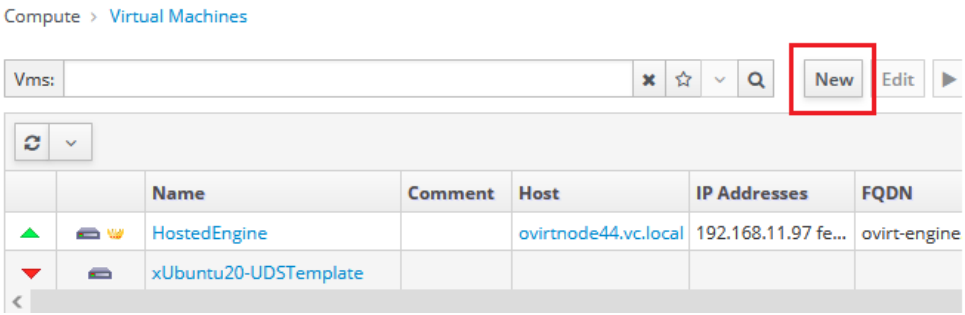


Once you have the disks of the UDS components hosted on the oVirt platform, proceed to create the virtual machines that will make up the UDS servers.

In the "**Compute**" menu access the "**Virtual Machines**" section:



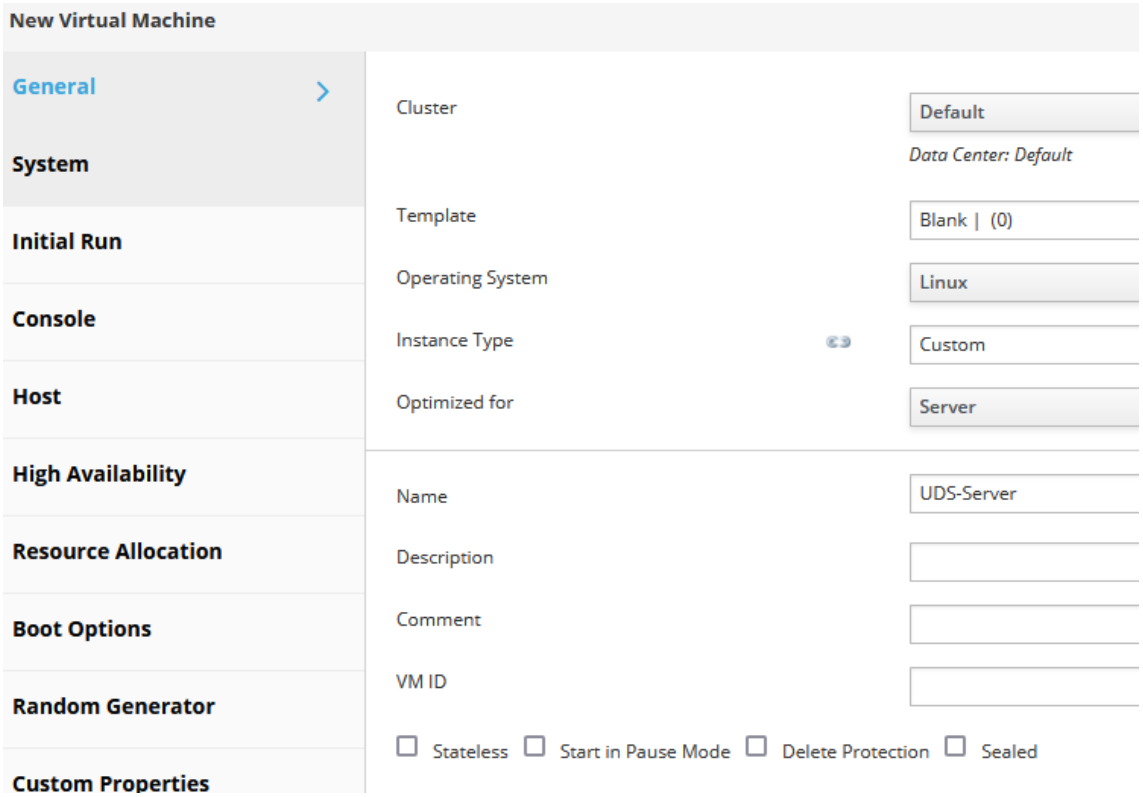
To run the virtual machine creation wizard, select "**New**":



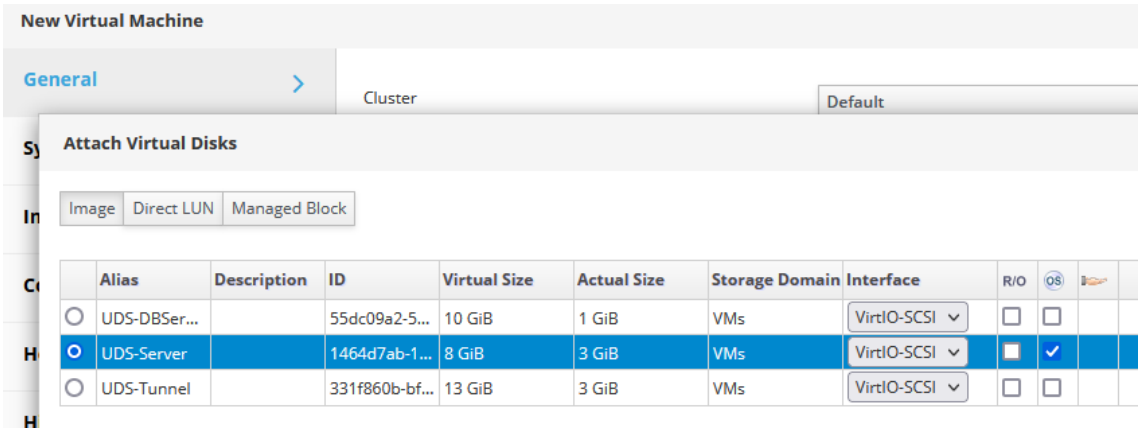
In the wizard, you must indicate at least the following information:

- General

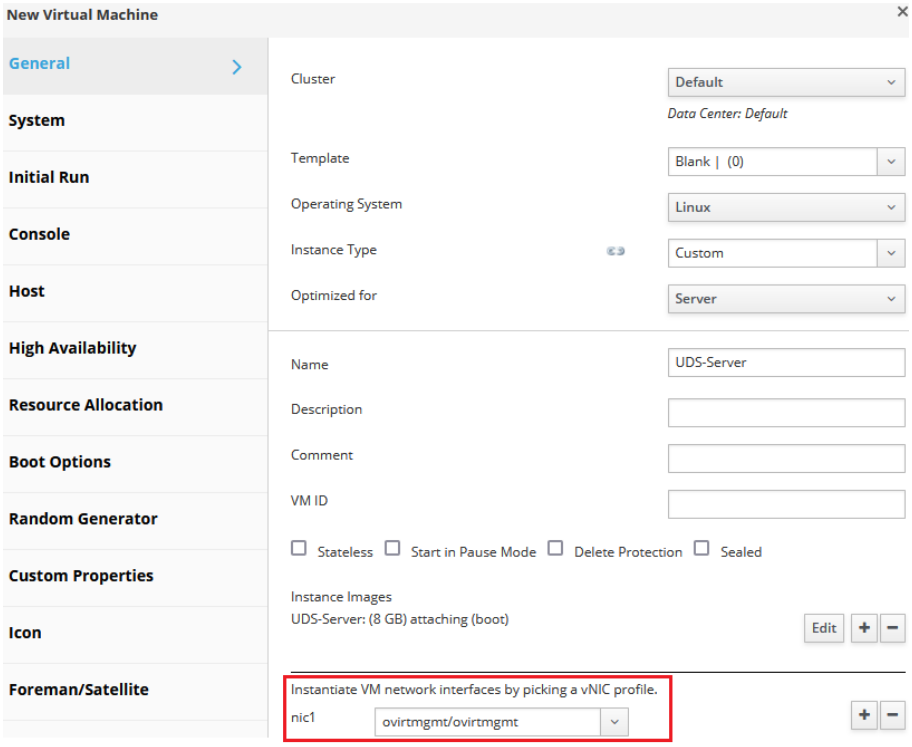
Indicate the "**Linux**" OS and a descriptive name:



In the "**Instance Images**" section, click on "**Attach**" and select the previously imported server disk. You will also mark that it is the disk with the OS:

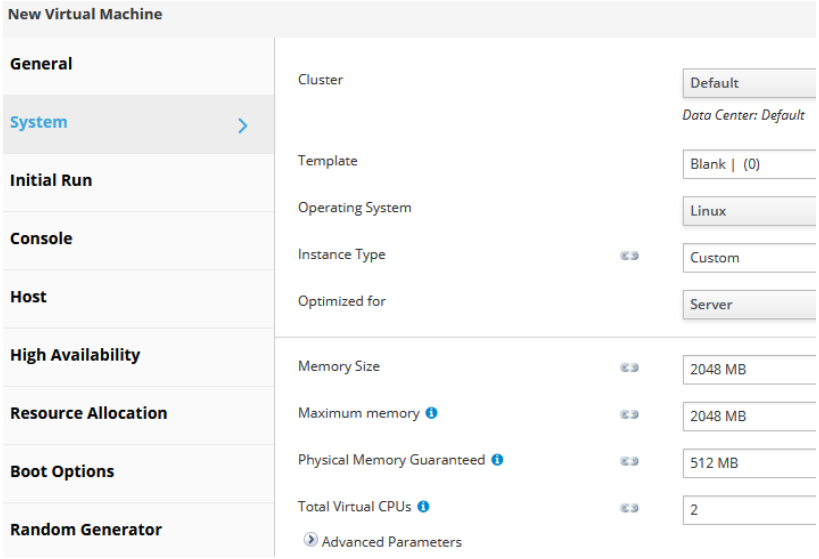


In the network section, indicate a valid network for the server:



- System

Enter the number of vCPUs and the amount of memory that the servers will have:

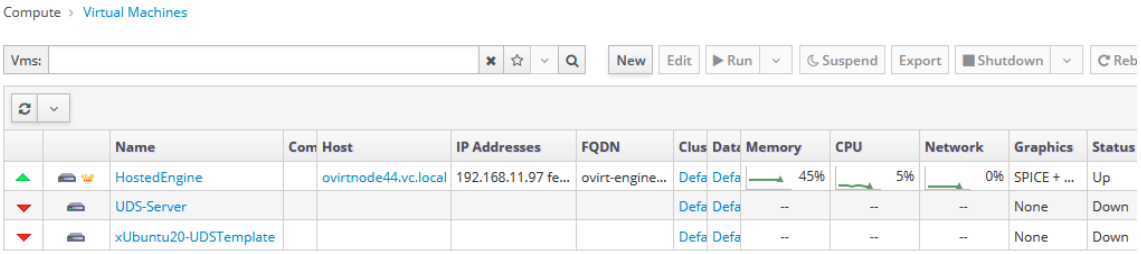


For the different components of UDS, you will indicate at least the following resources:

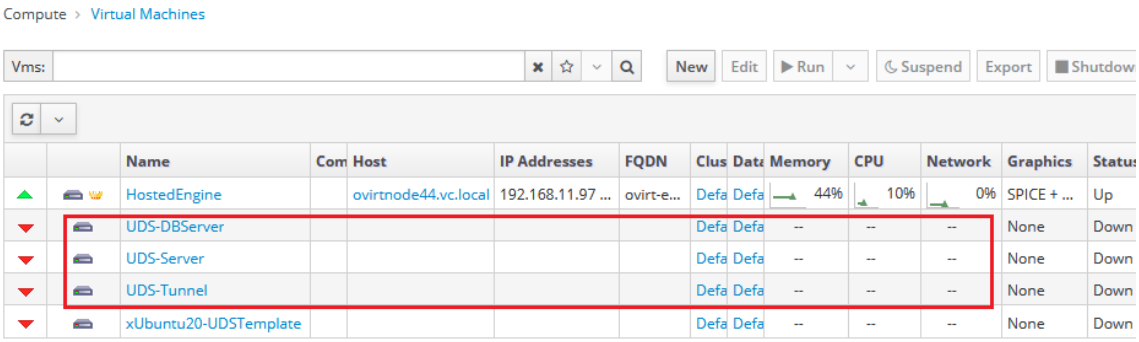
VM	Memory (MB)	vCPUs
MySQL	3072	2
Server	4096	4
Tunnel	4096	4

The rest of the parameters of the creation wizard can be left by default.

Once all the data has been specified, click on "**ok**" to create the server:

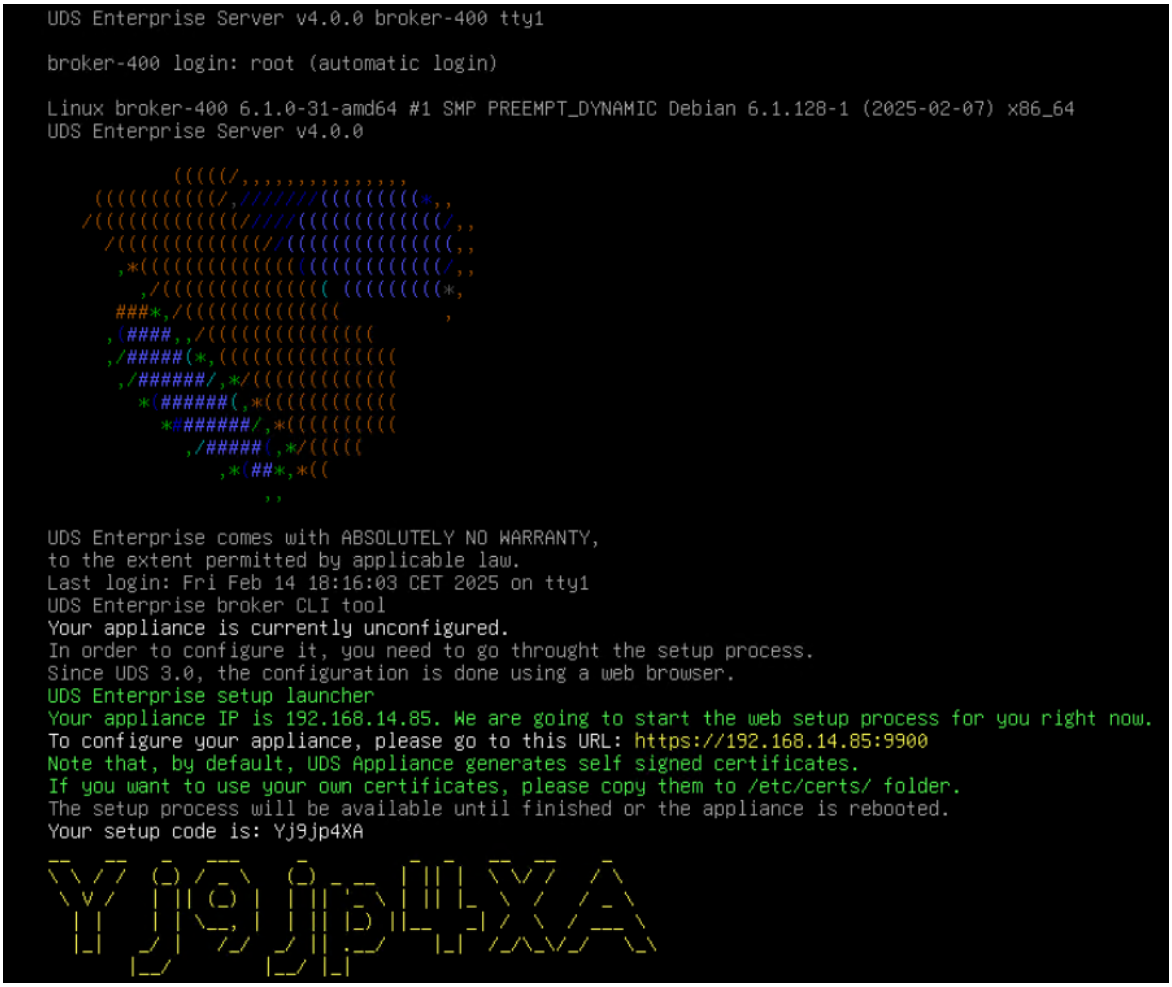


Repeat the same process for the rest of the UDS components:



Start UDS servers

Once the creation of the new virtual machine with the UDS Appliance disk is finished, turn on the VM and start a console to begin with the server configuration.



Wait for the VM to start and then proceed with the configuration of the UDS Appliance (see Installation, Administration and User Manual of UDS Enterprise).

NOTES:

1. **If you want to use the UDS Tunnel component (which will give you access from the WAN and HTML5 access to the different services) repeat the same tasks previously described using the UDS-Tunnel.xxzip file.**

2. **If you do not have your own database server to host the UDS Enterprise database, from the same repository you can download a virtual machine with a database server already prepared for this purpose. We remind you that this server is not part of UDS Enterprise, and therefore, it is not supported.**

THE SMART DIGITAL WORKPLACE SOLUTION BY VIRTUAL CABLE

About UDS Enterprise

UDS Enterprise is a new software concept for creating a **fully customized workplace virtualization** platform. It provides **secure 24x7 access** from **any location and device** to all applications and software of an organization or educational center.

It allows you to combine Windows and Linux **desktop and application virtualization** in a single console, as well **as remote access** to Windows, Linux and macOS computers. Its Open Source base guarantees **compatibility with any third-party technology**. It can be deployed on-premises, in a public, private, hybrid or **multicloud**. You can even combine several environments at the same time and perform automatic and **intelligent overflows** to optimize performance and efficiency. All with a **single subscription**.

About Virtual Cable

Virtual Cable is a company specialized in the digital **transformation of the workplace**. The company develops, supports and markets UDS Enterprise. It has recently been recognized as an **IDC Innovator in Virtual Client Computing** worldwide. Its team of experts has designed **smart digital workplace solutions** (**VDI, vApp and remote access to physical computers**) tailored to each sector to provide a unique user experience fully adapted to the needs of each user profile. Virtual Cable professionals have **more than 30 years** of experience in IT and software development and more than 15 years in virtualization technologies. **Everyday millions of Windows and Linux virtual desktops** are deployed with UDS Enterprise around the world.