VIRTUAL CABLE

Importing UDS on OpenNebula

#SmartDigitalWorkplace

VIRTUAL CABLE

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INTRODUCTION

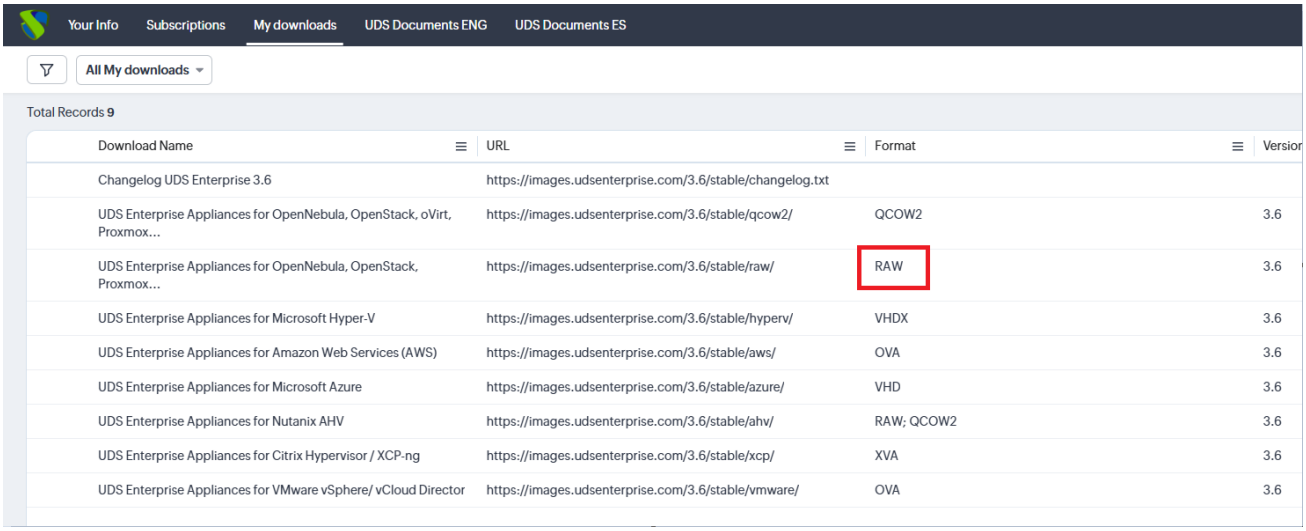
UDS Enterprise components are provided as Virtual Appliances. To upload these elements to the OpenNebula platform, carry out the following tasks:

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 compatible with OpenNebula**" (.RAW format):



Download Name	URL	Format	Version
Changelog UDS Enterprise 3.6	https://images.udsenterprise.com/3.6/stable/changelog.txt		
UDS Enterprise Appliances for OpenNebula, OpenStack, oVirt, Proxmox...	https://images.udsenterprise.com/3.6/stable/qcow2/	QCOW2	3.6
UDS Enterprise Appliances for OpenNebula, OpenStack, Proxmox...	https://images.udsenterprise.com/3.6/stable/raw/	RAW	3.6
UDS Enterprise Appliances for Microsoft Hyper-V	https://images.udsenterprise.com/3.6/stable/hyperv/	VHDX	3.6
UDS Enterprise Appliances for Amazon Web Services (AWS)	https://images.udsenterprise.com/3.6/stable/aws/	OVA	3.6
UDS Enterprise Appliances for Microsoft Azure	https://images.udsenterprise.com/3.6/stable/azure/	VHD	3.6
UDS Enterprise Appliances for Nutanix AHV	https://images.udsenterprise.com/3.6/stable/ahv/	RAW; QCOW2	3.6
UDS Enterprise Appliances for Citrix Hypervisor / XCP-ng	https://images.udsenterprise.com/3.6/stable/xcp/	XVA	3.6
UDS Enterprise Appliances for VMware vSphere/ vCloud Director	https://images.udsenterprise.com/3.6/stable/vmware/	OVA	3.6

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

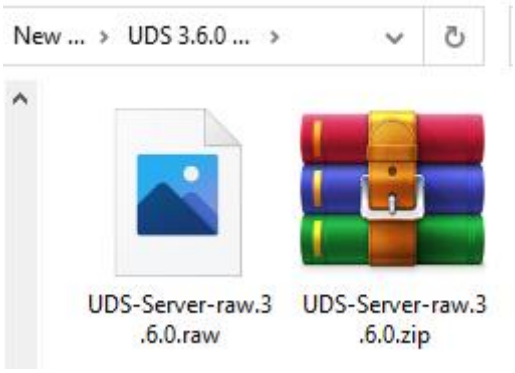
UDS Enterprise 4.0 RC Images

Please, select the option that best fit your needs

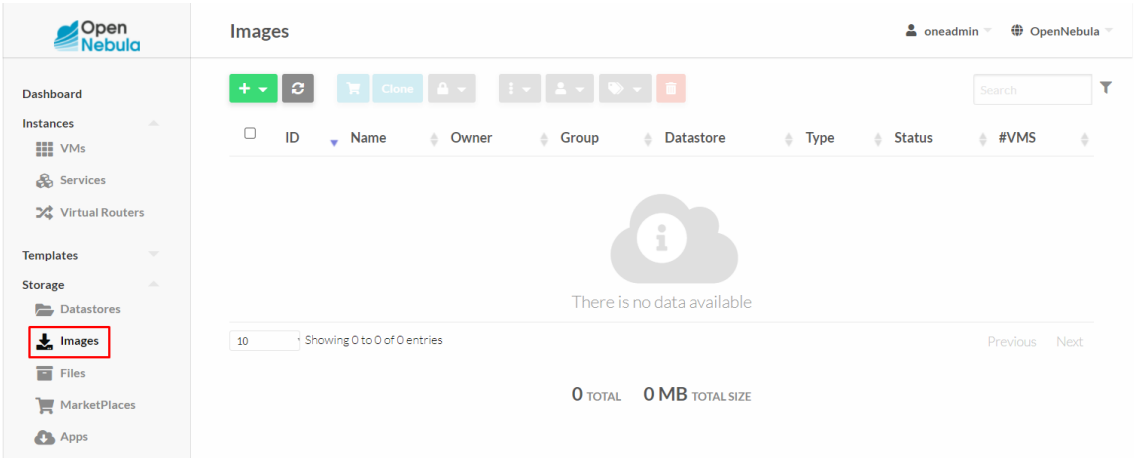
- VMWare Images
- XCP-ng/XenServer Images
- Nutanix AHV Images
- Azure Images
- AWS Images
- Cloud Images
- Hyper-V
- RAW Images (For OpenStack, OpenNebula, ProxMox, ...)
- QCOW2 Images (For OpenStack, OpenNebula, ProxMox, oVirt>=4.2, ...)

Import UDS Appliances on the virtual platform

Download the UDS Appliances and unzip them. See below an example with the UDS Server Appliance (**UDS-Server-XXzip**).

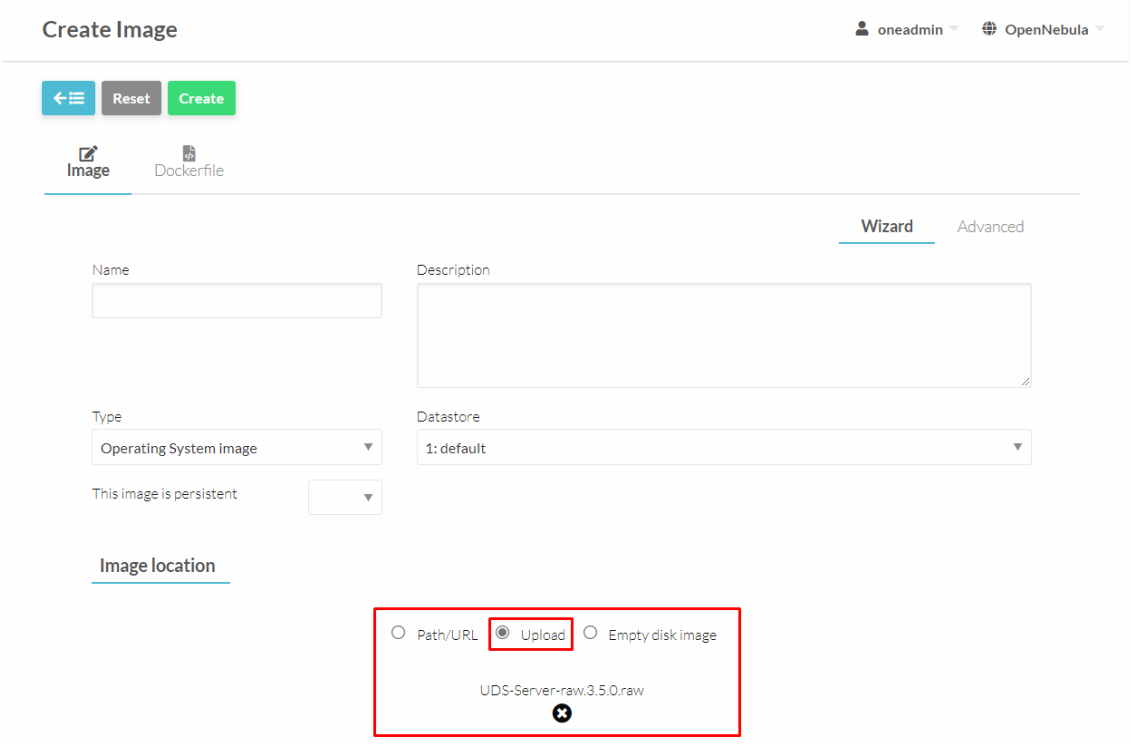


Access the OpenNebula environment and click on "**images**".



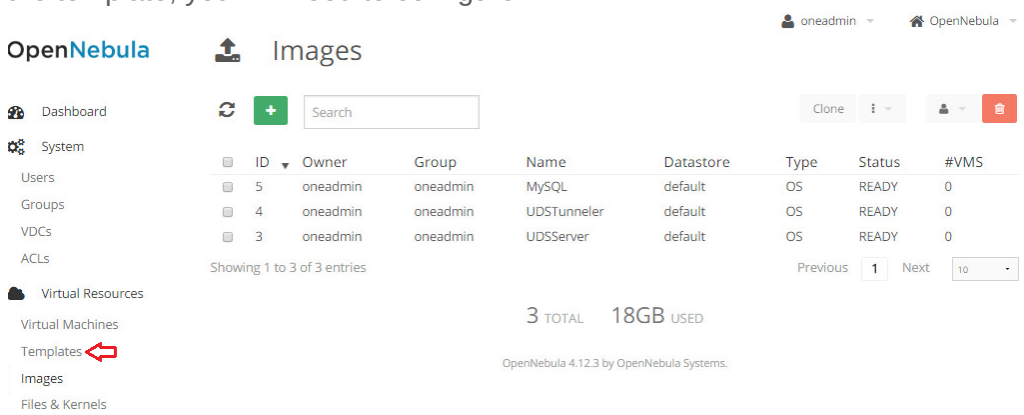
Create a new image. The wizard will ask you the name of the new Virtual Machine (VM) and the image of the UDS disk.

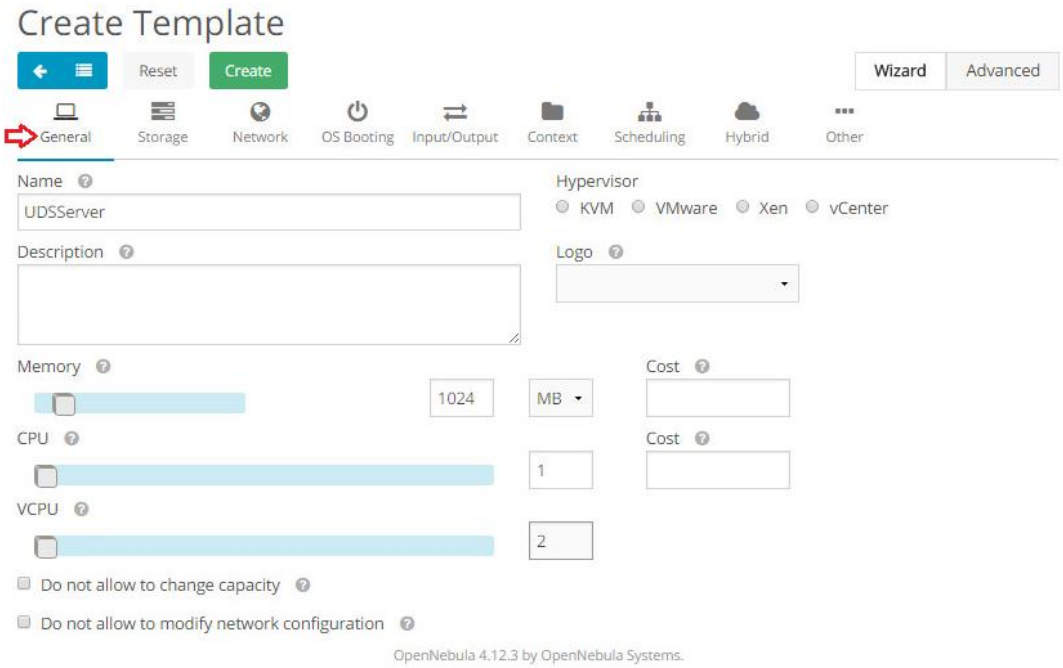
Select the disk image that you are going to create.



Once you have the images available, you need to create a "**Template**".

To create the template, you will need to configure:



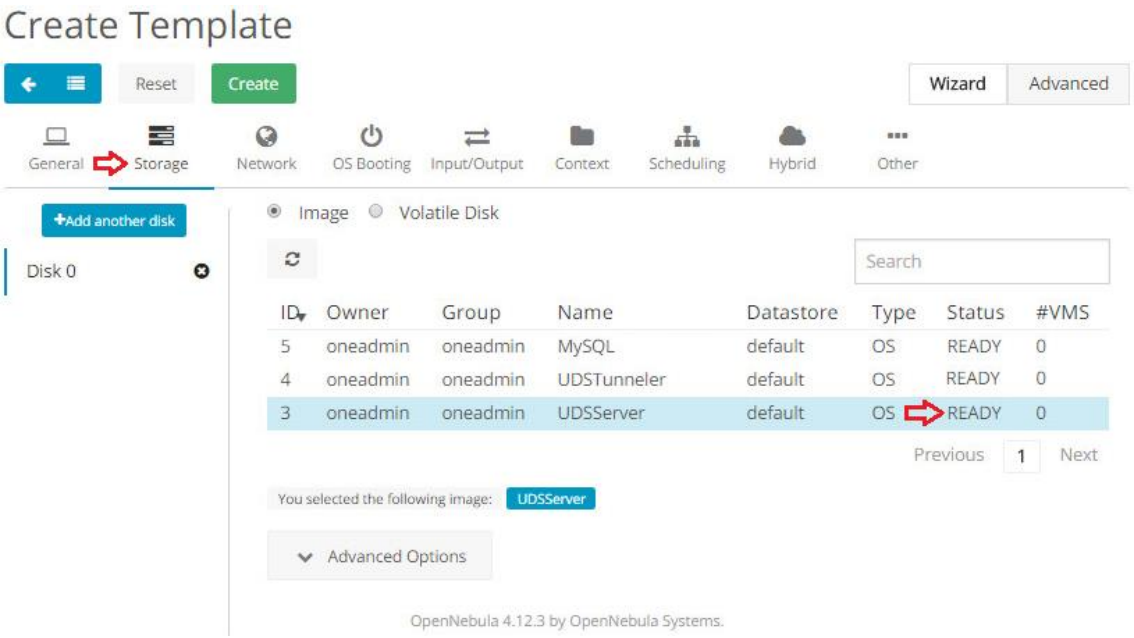


In the **General** tab you will have to indicate the name of the VM, the amount of RAM, number of CPUs and vCPUs.

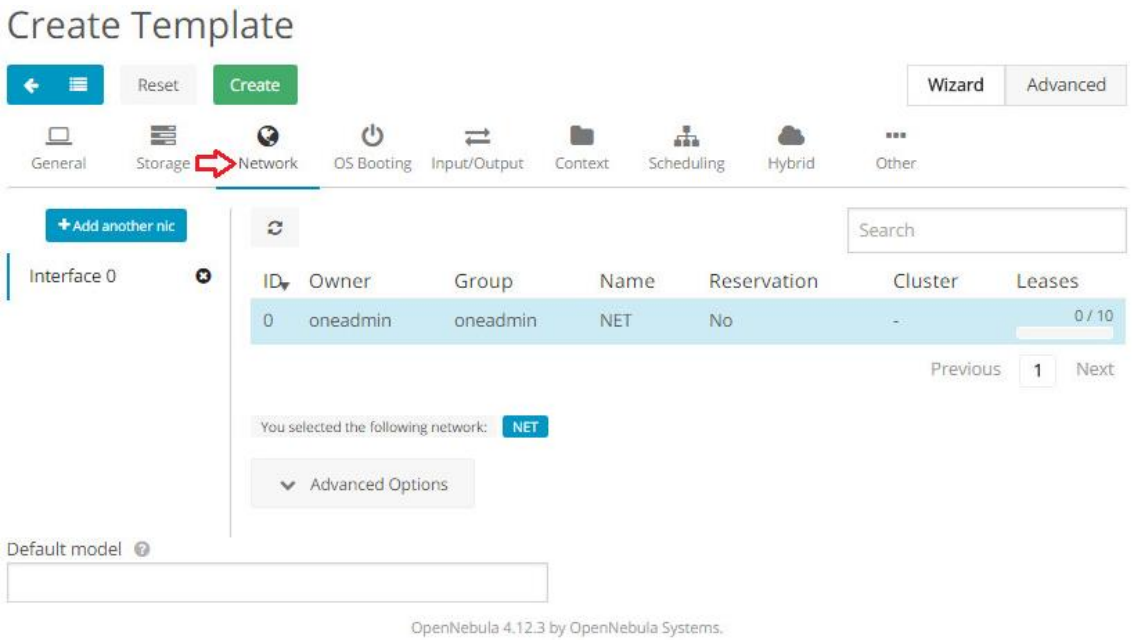
For the different UDS Appliances, the configuration would be as follows:

MV	Memory (MB)	CPU	STORAGE
MySQL	3072	2	24
Server	4096	4	16
Tunnel	4096	4	20

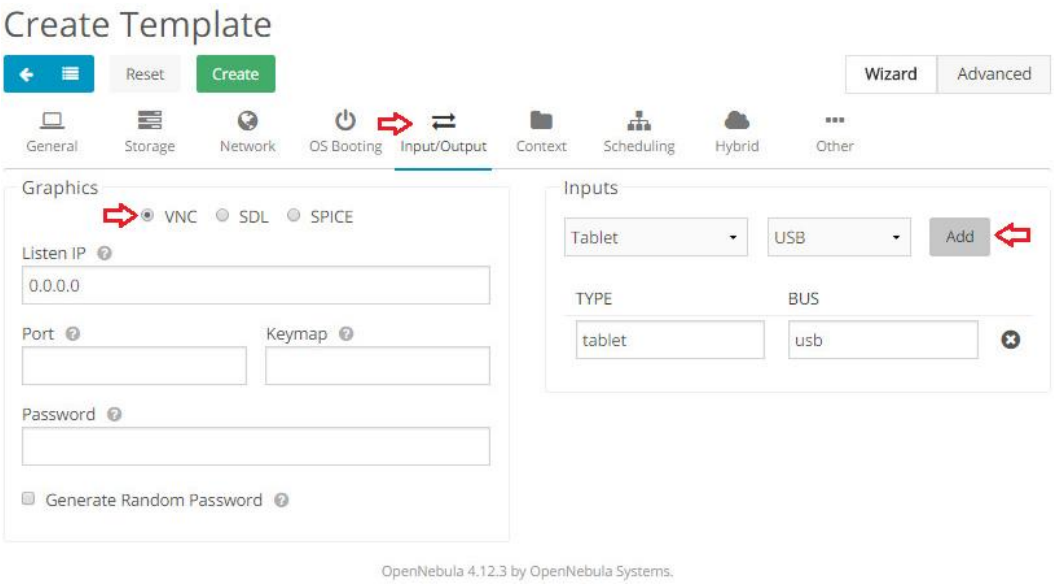
In the **Storage** tab select the UDS disk image and check that it has the status "**Ready**".



In the **Network** tab select the network interface.

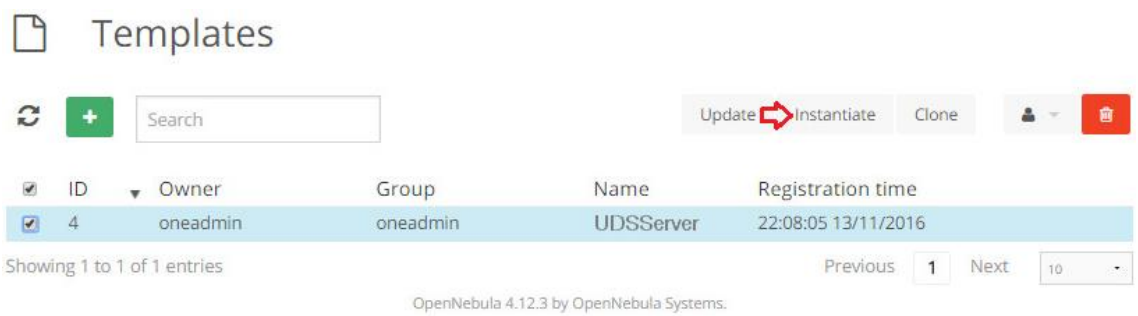


In the Input / Output tab configure the input and output devices. In this case select "**VNC**" output device and "**Tablet**" and "**USB**" input device.

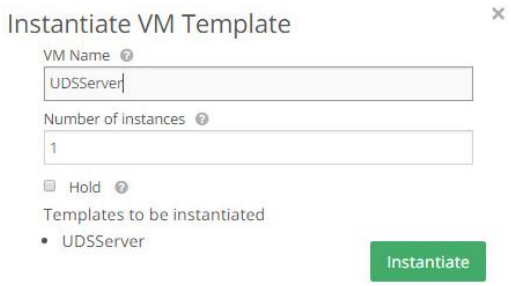


Click on "**Create**" and you will have a valid "**Template**".

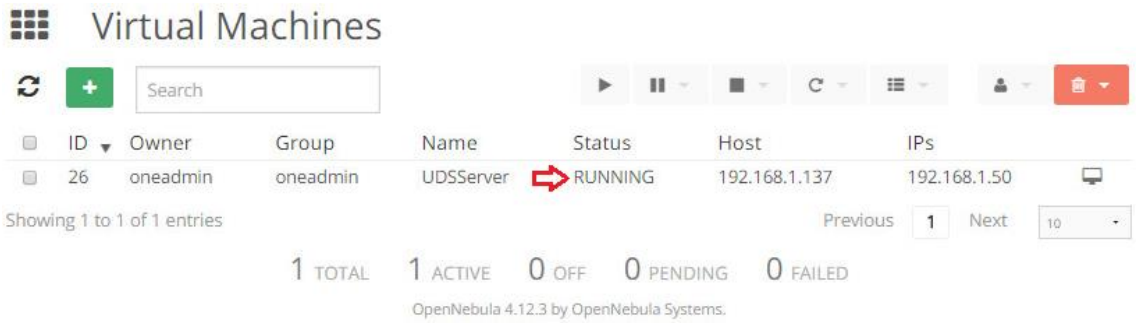
Once the template is created, click on "**Instantiate**".



In the wizard, indicate the name and the number of instances to create.



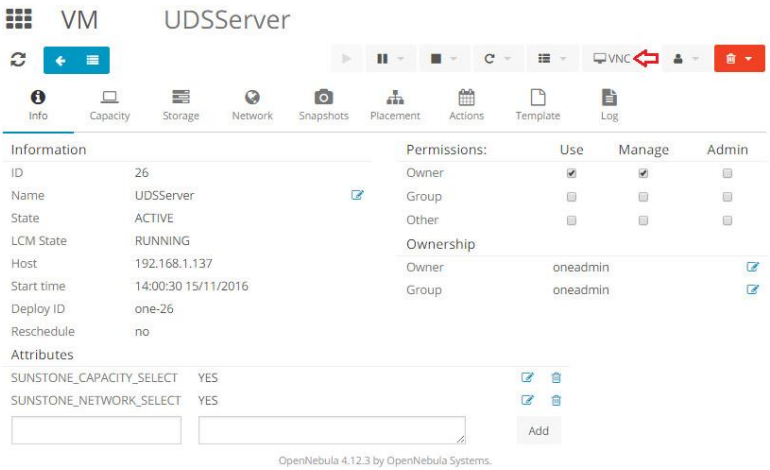
Once the instance is created, the MV will appear in the "**Virtual Machines**" tab. Check that "**Running**" appears in the status.



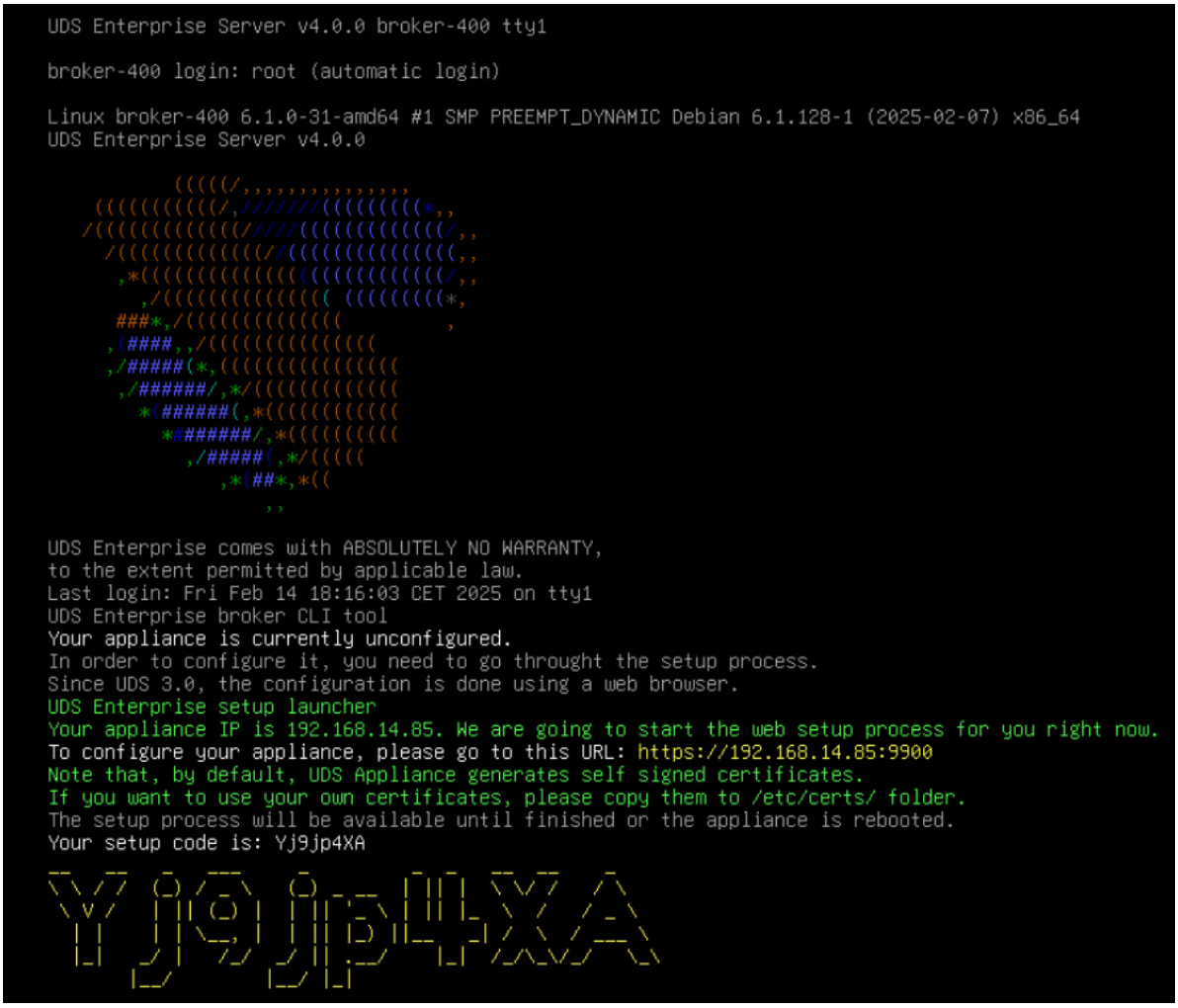
Start UDS servers

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

Click on "**VNC**".



Access the console through "**VNC**" to proceed to configure the UDS VM (see [UDS Enterprise Installation, Administration and User Manual]).



NOTES:

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

1. **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.