Importing UDS on OpenStack

#SmartDigitalWorkplace

VIRTUAL CABLE

Index

INTRODUCTION

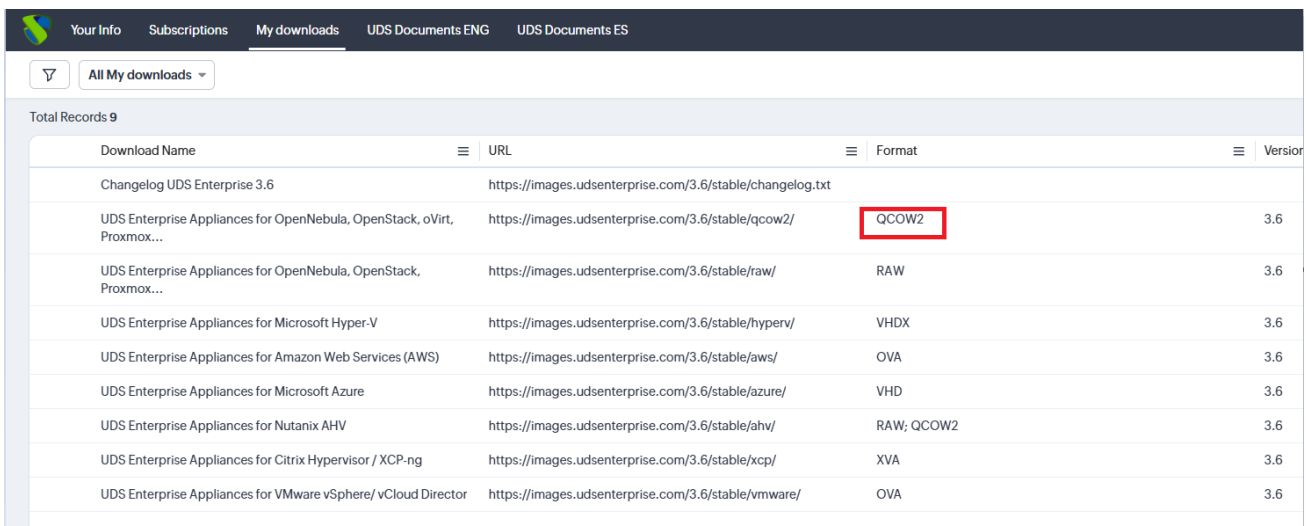UDS Enterprise components are provided as Virtual Appliances.

To upload these elements to the OpenStack, it is necessary to 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 OpenStack"** (.QCOW2 format):

NOTE: **You can also use the .RAW format**

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

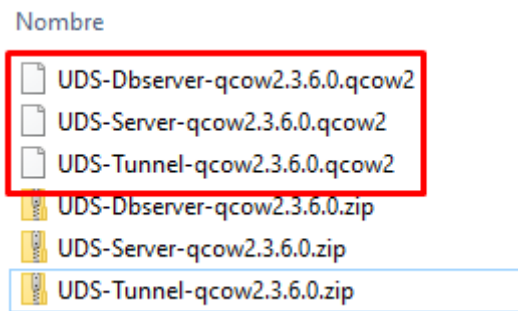# Import UDS Appliances to the virtual platform

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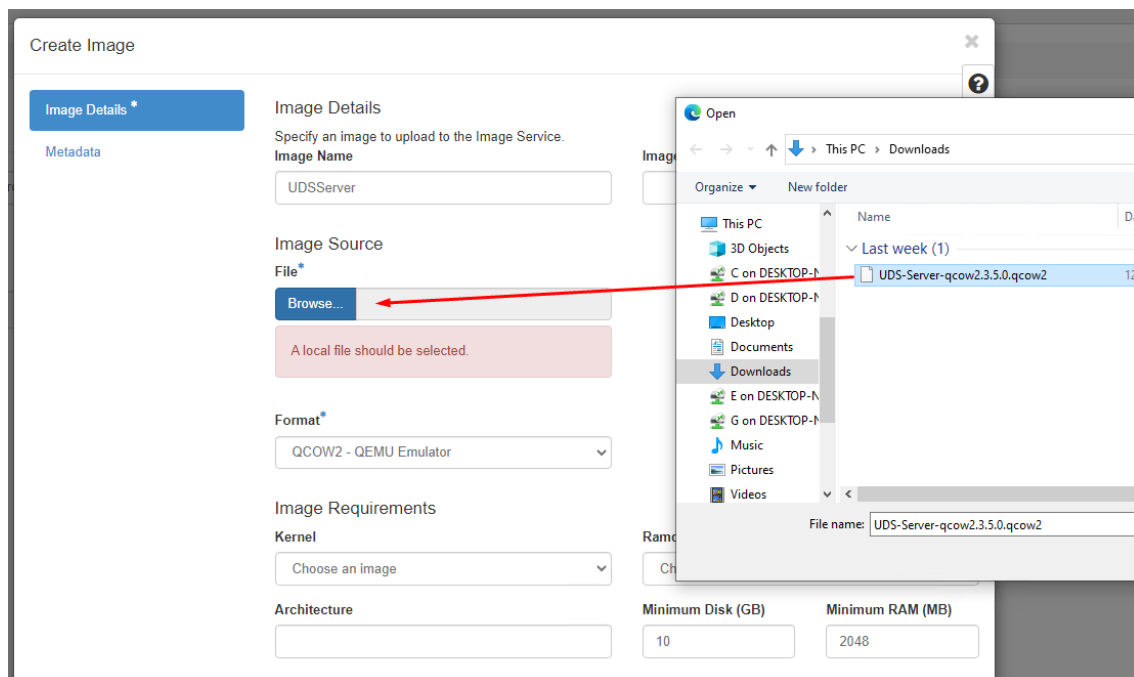

Access the OpenStack environment to import the disk image. Go to the **"images"** section and click on **"Create Image"**.
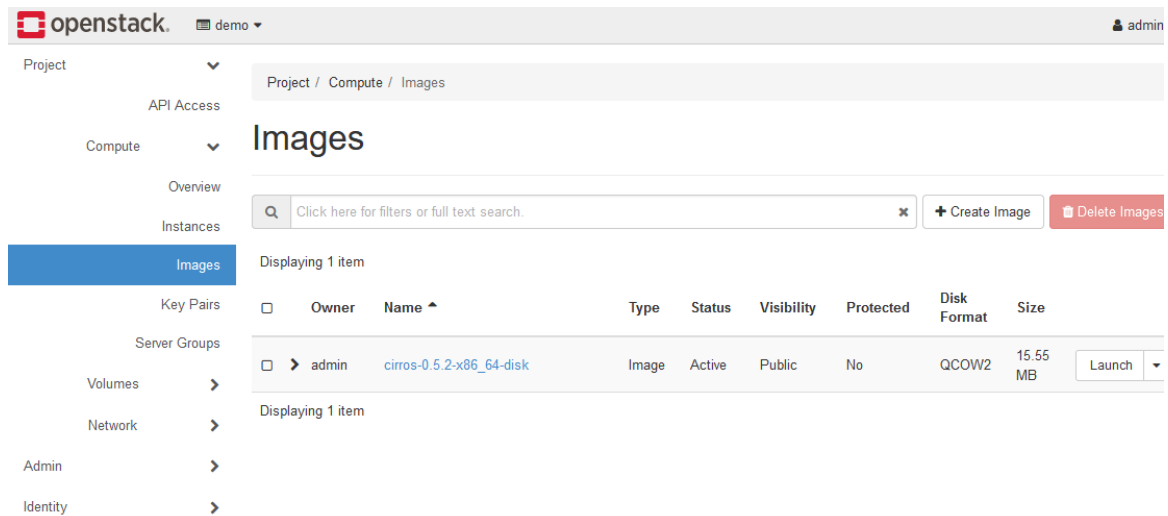
The image creation wizard will ask you:

- **Image Name:** Identifying name of the image to import.
- **Image Source:** Select the disk of the UDS component to import. This disk can be in .qcow2 or .raw format.
- **Format:** Format of the previously selected disk.
- **Image Requirements:** You will indicate the architecture (x86_64 for all UDS components), a minimum disk size and memory.
    - o You must use the following sizes:

UDS Image	Disk (GB)	RAM (MB)
MySQL	11	1024
UDS Server	9	2048
UDS Tunnel	14	2048

Wait until the import of the image is finished and the status is **"Active"**.

Once you have the images available and active, proceed to launch the instance. Select the image and click on **"Launch"**.

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

- **Details:** Indicate a name for the instance, the availability zone and the number of instances that you want to create.

▪ **Source:** You will indicate if you want to create a new volume for this instance, if deleting it will also erase the volume, and confirm that the selected image is correct.

▪ **Flavor:** Select the appropriate **"Flavor"** for each UDS component.
The minimum resources of the UDS components are:

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

This example will use the flavor: ds2G (2 vCPUs + 2 GB vRAM).

▪ **Networks:** Indicate the network to which to connect the UDS servers.

Once all the steps of the wizard have been configured, click on **"Launch Instance"** to create the instance.

In the **"Instances"** section you can see how the instance is being created:

Once the instance is **"Active"** and **"Running"**, you will have the server ready to proceed with its configuration.

NOTE: **This same procedure should be repeated with the rest of the UDS components (MySQL Database and UDS Tunnel)**

Starting UDS servers

Once the creation of the instance is finished, start a console to begin with the server configuration (see UDS Enterprise Installation, Administration and User Manual).

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.**

1. **If you do not have your own database server to host the UDS 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.