



VIRTUAL
CABLE

Importing UDS on oVirt



UDS
ENTERPRISE

3.6



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IMPORTING UDS ON OVIRT

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://www.udsenderprise.com/en/accounts/login?next=/en/my-uds/>

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

| Mis Descargas | | |
|---|-------------|---------|
| Componente | Formato | Versión |
| UDS Enterprise Appliances compatibles con VMware vSphere / Cloud Director | OVA | 3.0 |
| UDS Enterprise Appliances compatibles con Citrix Hypervisor / XCP-ng | OVA | 3.0 |
| UDS Enterprise Appliances compatibles con Nutanix AHV | RAW / QCOW2 | 3.0 |
| UDS Enterprise Appliances compatibles con Microsoft Azure | VHD | 3.0 |
| UDS Enterprise Appliances compatibles con Microsoft Hyper-V | VHDX | 3.0 |
| UDS Enterprise Appliances para OpenNebula, OpenStack, Proxmox... | RAW | 3.0 |
| UDS Enterprise Appliances para OpenNebula, OpenStack, oVirt, Proxmox... | QCOW2 | 3.0 |

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







Index of /3.6/stable/qcow2

| Name | Last modified | Size |
|--|------------------|------|
|  Parent Directory | | - |
|  UDS-Dbserver-qcow2.3.6.0.zip | 2023-11-15 10:17 | 530M |
|  UDS-Server-qcow2.3.6.0.zip | 2023-11-15 10:18 | 1.3G |
|  UDS-Tunnel-qcow2.3.6.0.zip | 2023-11-15 10:17 | 820M |

Import UDS Appliances to the virtual platform

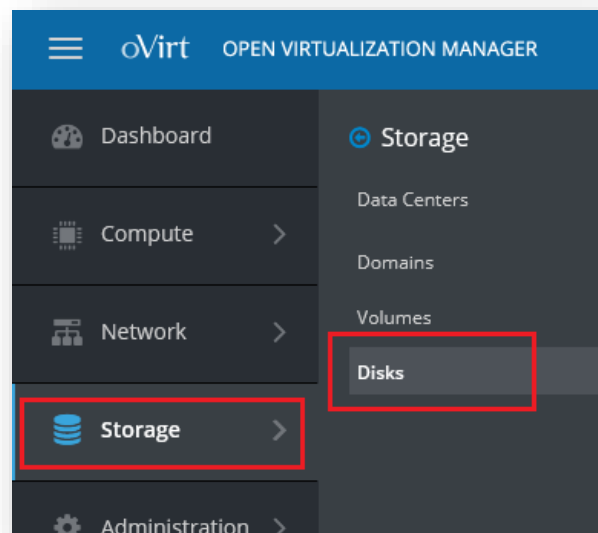
Download the UDS Appliances. See below an example with the UDS Server Appliance (**UDS-Server-qcow2.3.0.0**).

Download the .zip file and unzip it:

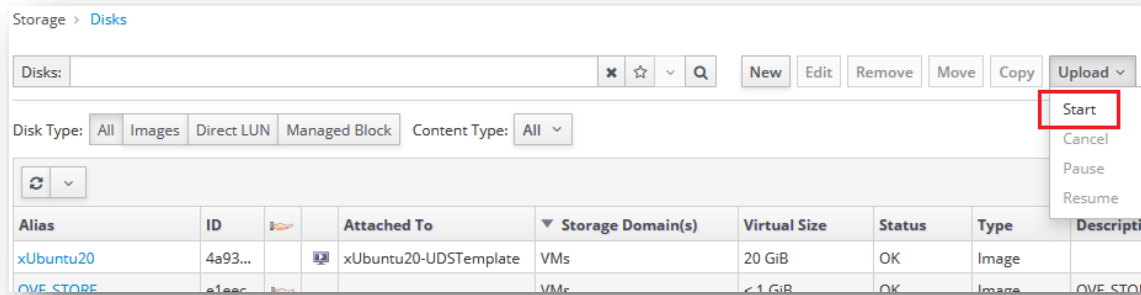
| Nombre | |
|---|--------------------------------|
|  | UDS-Dbserver-qcow2.3.6.0.qcow2 |
|  | UDS-Server-qcow2.3.6.0.qcow2 |
|  | UDS-Tunnel-qcow2.3.6.0.qcow2 |
|  | UDS-Dbserver-qcow2.3.6.0.zip |
|  | UDS-Server-qcow2.3.6.0.zip |
|  | UDS-Tunnel-qcow2.3.6.0.zip |

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

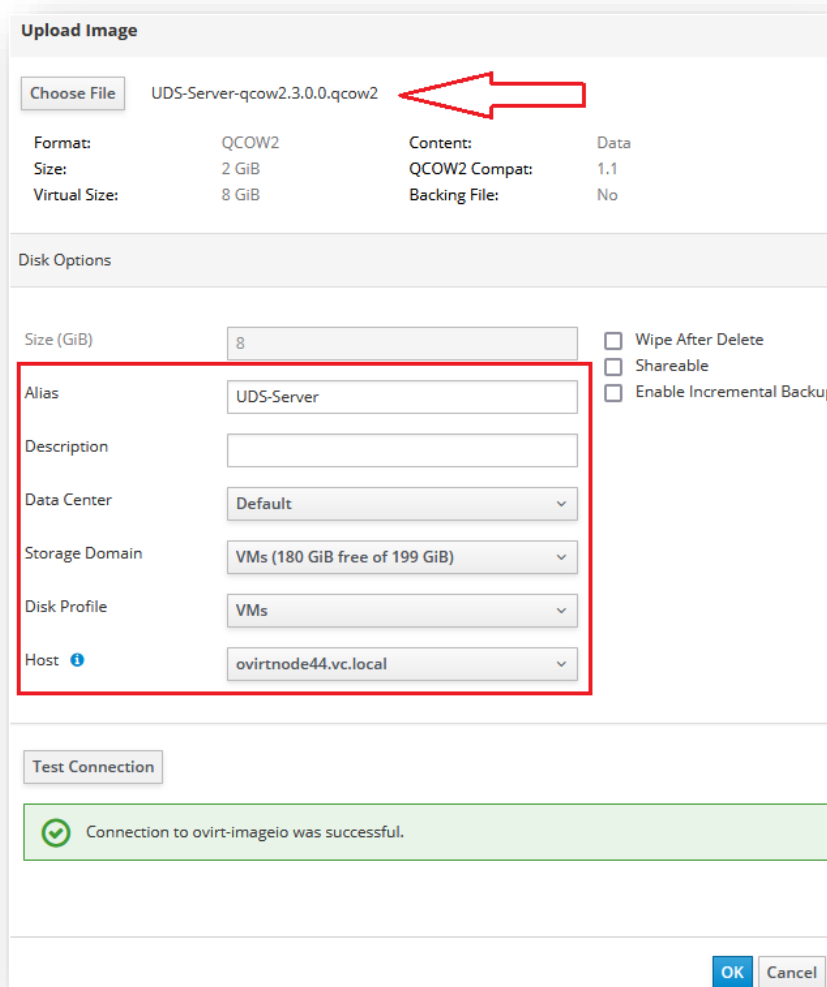
In the "**Storage**" menu access the "**Disk**" section



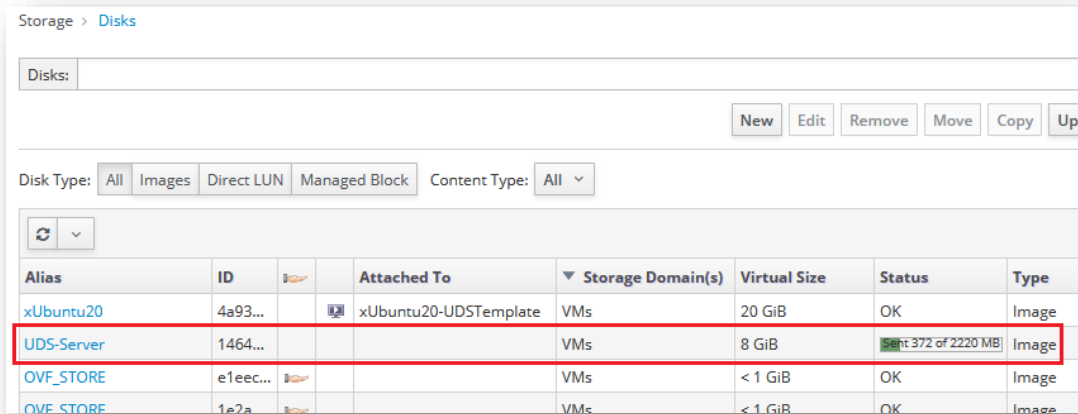
To import the disks from the UDS servers, in the menu select **“Upload”** and then **“Start”**:



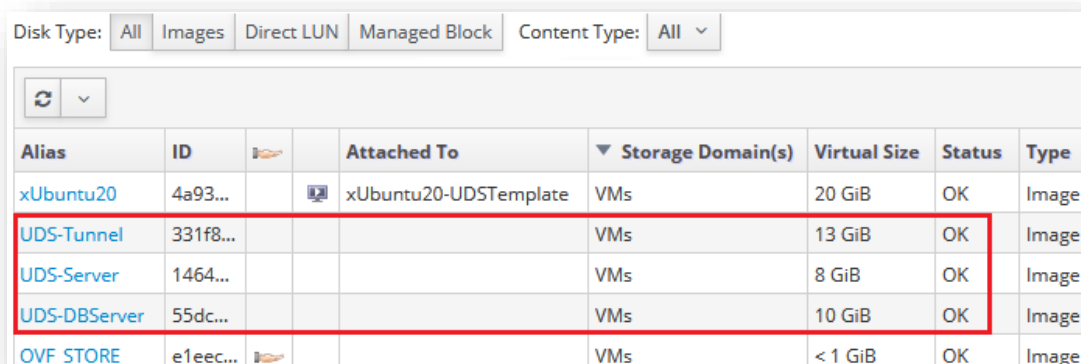
In the import wizard you must indicate the server's disk file in qcow2 format, and a name in which storage and host will be hosted.



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:

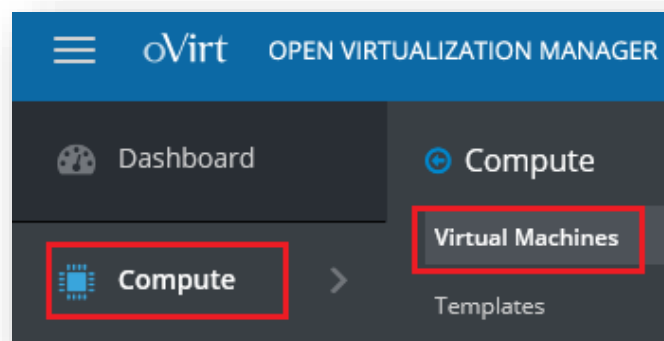
| General | Virtual Machines | Storage | Permissions |
|--------------------|--------------------------------------|---------|-------------|
| Alias: | UDS-Tunnel | | |
| Description: | | | |
| ID: | 331f860b-bff6-4c09-86e1-5d0f8e46a016 | | |
| Disk Profile: | VMs | | |
| Wipe After Delete: | No | | |
| Virtual Size: | 13 GiB | | |
| Actual Size: | 3 GiB | | |

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:

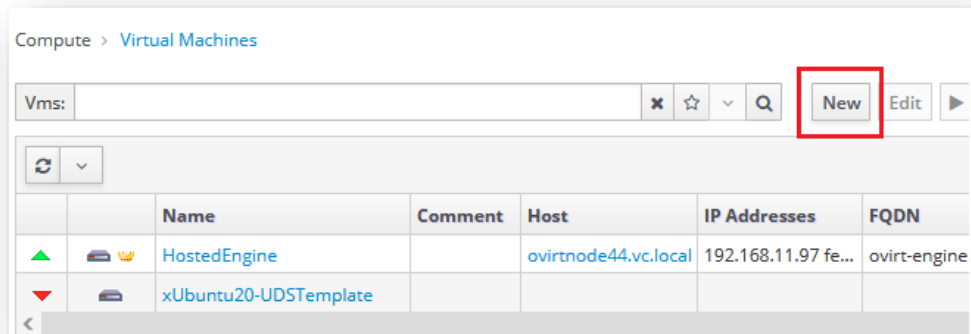
| General | Virtual Machines | Storage | Permissions |
|--------------------|--------------------------------------|---------|-------------|
| Alias: | UDS-Tunnel | | |
| Description: | | | |
| ID: | eb560b94-321c-4dde-8e90-8678993ad8df | | |
| Disk Profile: | VMs | | |
| Wipe After Delete: | No | | |
| Virtual Size: | 13 GiB | | |
| Actual Size: | < 1 GiB | | |

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:



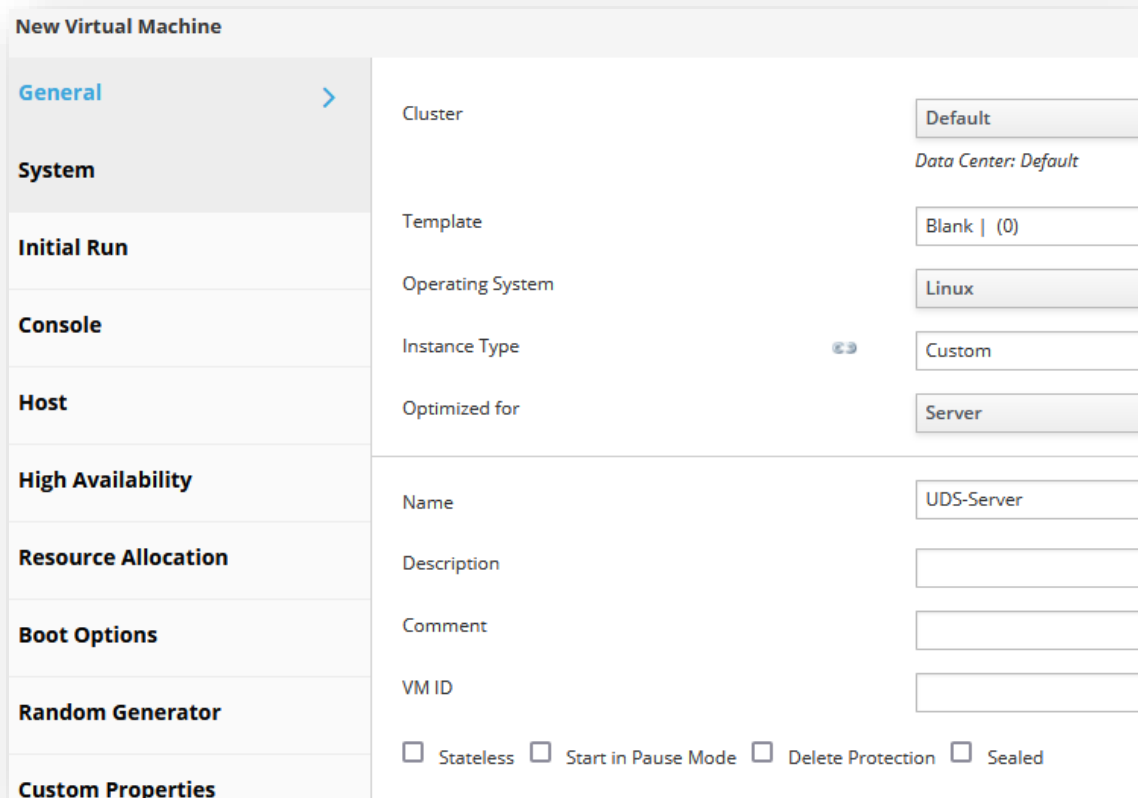
To run the virtual machine creation wizard, select **"New"**:



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

- General

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



New Virtual Machine

General >

System

Initial Run

Console

Host

High Availability

Resource Allocation

Boot Options

Random Generator

Custom Properties

Cluster: Default
Data Center: Default

Template: Blank | (0)

Operating System: Linux

Instance Type: Custom

Optimized for: Server

Name: UDS-Server

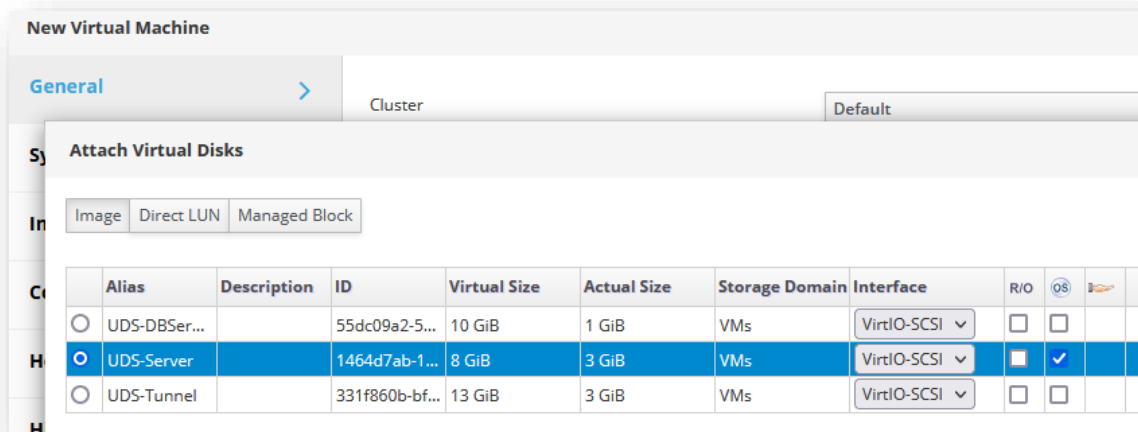
Description:

Comment:

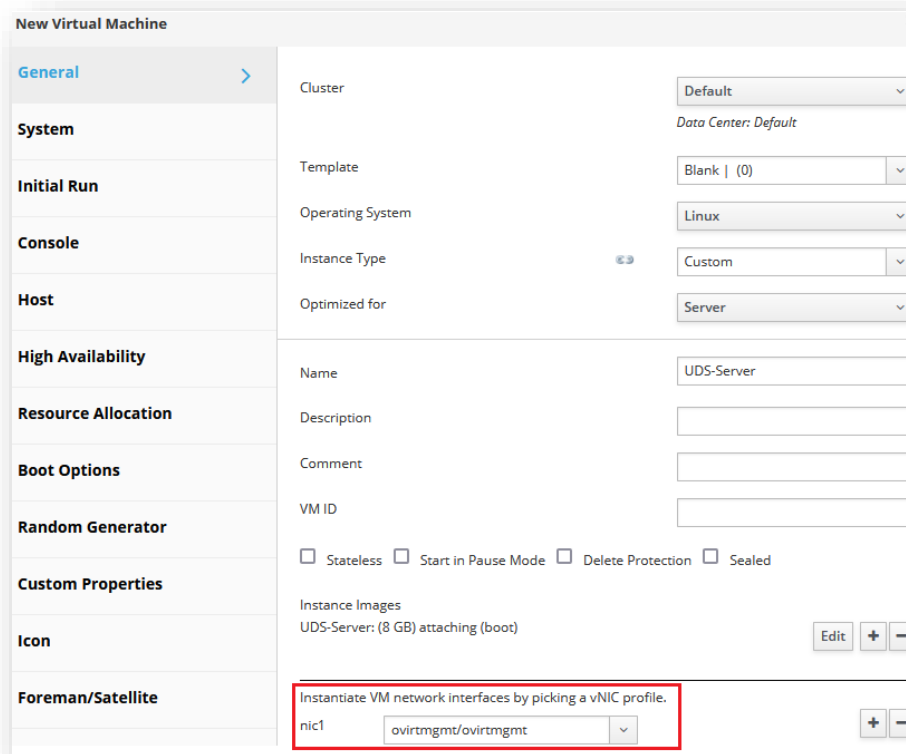
VM ID:

Stateless Start in Pause Mode Delete Protection Sealed

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:

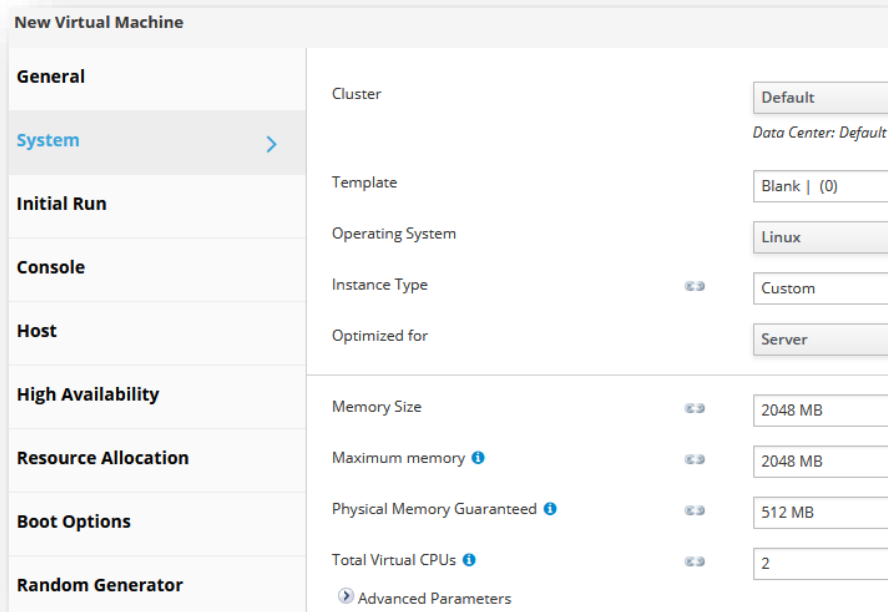


In the network section, indicate a valid network for the server:



- System

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

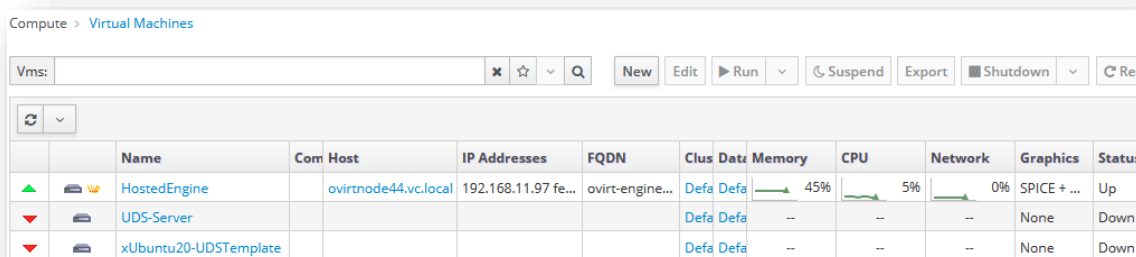


For the different components of UDS, you will indicate at least the following resources:

| VM | Memory (MB) | vCPUs |
|--------|-------------|-------|
| MySQL | 1024 | 2 |
| Server | 2048 | 2 |
| Tunnel | 2048 | 2 |

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:



| Name | Com | Host | IP Addresses | FQDN | Clus | Data | Memory | CPU | Network | Graphics | Status |
|-----------------------|-----|----------------------|---------------------|-----------------|------|------|--------|-----|---------|-------------|--------|
| HostedEngine | | ovirtnode44.vc.local | 192.168.11.97 fe... | ovirt-engine... | Defa | Defa | 45% | 5% | 0% | SPICE + ... | Up |
| UDS-Server | | | | | Defa | Defa | -- | -- | -- | None | Down |
| xUbuntu20-UDSTemplate | | | | | Defa | Defa | -- | -- | -- | None | Down |

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

Compute > Virtual Machines

Vms:

| | Name | Com Host | IP Addresses | FQDN | Clus Data | Memory | CPU | Network | Graphics | Status |
|---|-----------------------|----------------------|-------------------|------------|-----------|--------|-----|---------|--------------|--------|
| ▲ | HostedEngine | ovirtnode44.vc.local | 192.168.11.97 ... | ovirt-e... | Defa Defa | 44% | 10% | 0% | SPIICE + ... | Up |
| ▼ | UDS-DBServer | | | | Defa Defa | -- | -- | -- | None | Down |
| ▼ | UDS-Server | | | | Defa Defa | -- | -- | -- | None | Down |
| ▼ | UDS-Tunnel | | | | Defa Defa | -- | -- | -- | None | Down |
| ▼ | xUbuntu20-UDSTemplate | | | | Defa Defa | -- | -- | -- | None | Down |

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.

```

UDS Enterprise Server v3.6.0 broker-360 tty1
broker-360 login: root (automatic login)

Linux broker-360 5.10.0-21-amd64 #1 SMP Debian 5.10.162-1 (2023-01-21) x86_64
UDS Enterprise Server v3.6.0

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UDS Enterprise comes with ABSOLUTELY NO WARRANTY,
to the extent permitted by applicable law.
Last login: Thu Mar 30 11:58:06 CEST 2023 on tty1
UDS Enterprise broker CLI tool
Your appliance is currently unconfigured.
In order to configure it, you need to go through the setup process.
Since UDS 3.0, the configuration is done using a web browser.
UDS Enterprise setup launcher
Your appliance IP is 192.168.15.56. We are going to start the web setup process for you right now.
To configure your appliance, please go to this URL: http://192.168.15.56:9900
The setup process will be available until finished or the appliance is rebooted.
Your setup code is: PYK3QVgb

PYK3QVgb

Use this code to configure your appliance.
root@broker-360:~# _

```

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:

- 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.xzip file.**
- 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.**

About Virtual Cable

[Virtual Cable](#) is a company specialized in the **digital transformation** of the **workplace**. The company develops, supports and markets UDS Enterprise. Its team of experts has designed **VDI** solutions 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 in virtualization technologies. **Millions of Windows and Linux virtual desktops with UDS Enterprise are deployed all over the world every day.**