



IMPORT UDS APPLIANCES TO NUTANIX ACROPOLIS

UDS Enterprise components are provided as Virtual Appliance. To upload these elements to the Nutanix Acropolis platform, we will perform the following tasks:

1. Download UDS Appliances

Access your account in:

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

Once logged in, under “My Downloads”, select “UDS Enterprise Appliances compatible with Citrix XenServer, Nutanix Acropolis & VMware vSphere” (.OVA Format):

Component	Format	Version
UDS Enterprise Appliances compatible with Citrix XenServer, Nutanix Acropolis & VMware vSphere	OVA	2.1
UDS Enterprise Appliances compatible with Microsoft Hyper-V	VHDX	2.1
UDS Enterprise Appliances compatible with OpenNebula & OpenStack	RAW	2.1
UDS Enterprise Appliances compatible with oVirt & RHEV	OVF	2.1

It will redirect us to a download repository where we find the UDS Appliances:

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
Parent Directory		-	
Doc/	2017-07-04 12:23	-	
Mysql.ova	2017-05-08 10:26	456M	
UDS-Server-2.1.ova	2017-06-16 10:04	778M	
UDS-Tuneler-2.1.ova	2017-05-08 10:13	729M	



2. Import UDS Appliances to the virtual platform

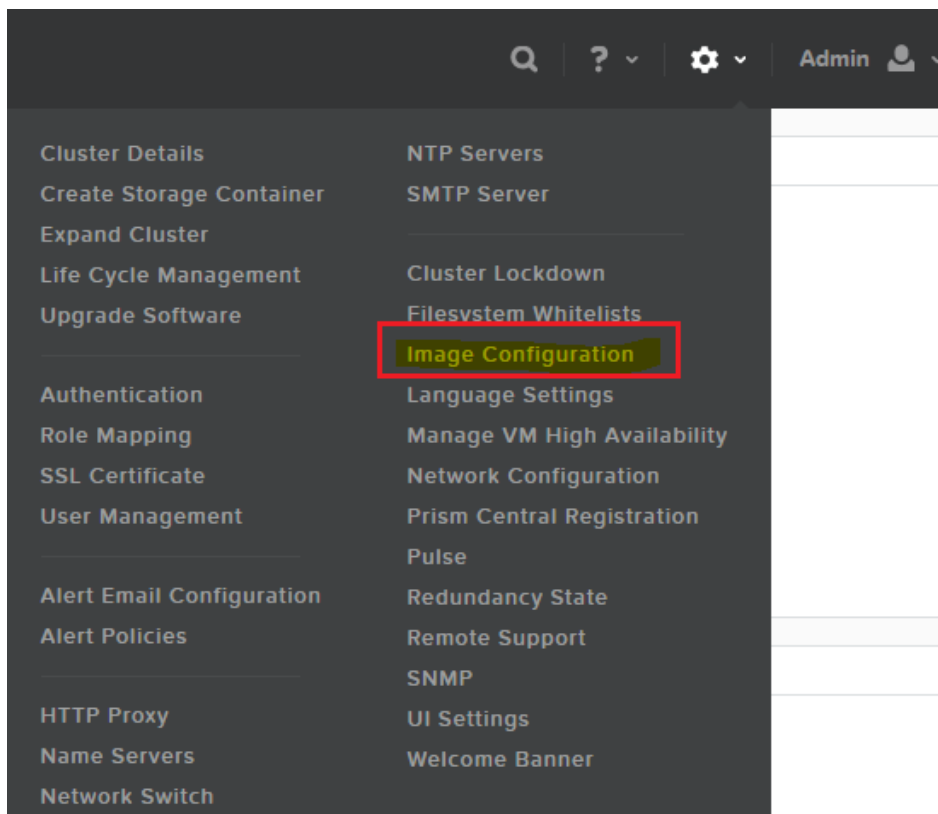
Download UDS Appliances. In this case we set an example with the Appliance UDS Server (**UDS-Server-X.X.ova**).

Note: If we have a serial number of the Enterprise version of UDS, we will need to have a MySQL database server in advance. If you configure the Free or Evaluation versions of UDS, it will not be necessary to have a MySQL database server.

Change the extension of the virtual appliances to .rar and uncompress them.

Nombre	Tamaño	Tipo
UDS-Tuneler-2.1.rar	746.350 KB	Archivo WinRAR
UDS-Server-2.1.rar	797.074 KB	Archivo WinRAR
Mysql.rar	562.108 KB	Archivo WinRAR
UDS-Tuneler-2.1		Carpeta de archivos
UDS-Server-2.1		Carpeta de archivos
Mysql		Carpeta de archivos

Access the Nutanix environment through Prism, and open the image manager from the option: "Image Configuration"





Click on "Upload Image"

Image Configuration

Manage the images to be used for creating virtual disks.

+ Upload Image

NAME	ANNOTATION	TYPE	STATE	
virtio		ISO	ACTIVE	
w7		ISO	ACTIVE	

Close

We indicate the name for the image, the image type which is: "DISK", a storage to host the image and finally we check the option "Upload a file" to select the disk image.

Create Image

NAME
UDS_Server

ANNOTATION
BrokerUDS

IMAGE TYPE
DISK

STORAGE CONTAINER
Storage-1

IMAGE SOURCE

From URL

Upload a file **Examinar...** UDS-Server-disk1.vmdk

Cancel **Save**

The file that will be selected as the disk image that was previously unzipped .vmdk.



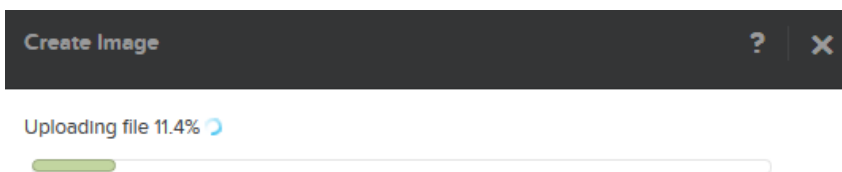
UDS Enterprise

Import UDS Appliances to Nutanix Acropolis

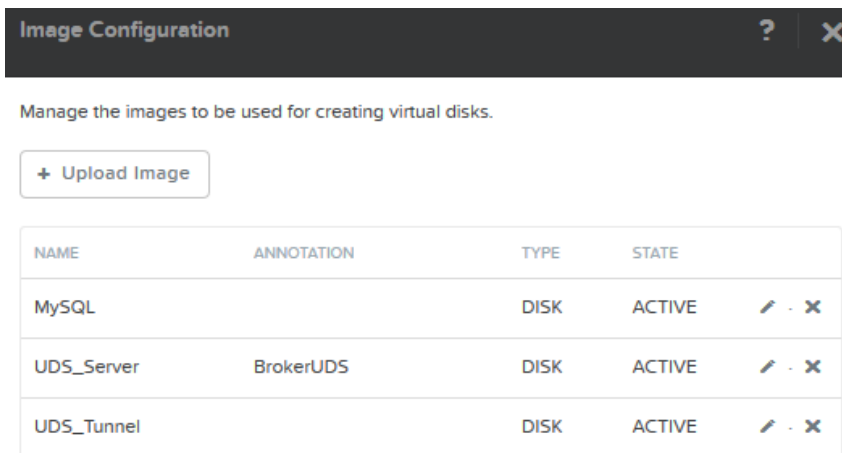
www.udsenderprise.com

Nombre	Tamaño	Tipo
UDS-Server.mf	1 KB	Archivo MF
UDS-Server.ovf	6 KB	Open Virtualizatio...
UDS-Server-disk1.vmdk	797.066 KB	VMware virtual dis...

Upon saving, the system will start with import

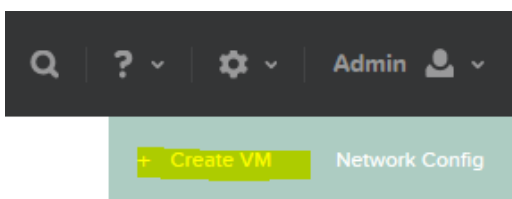


Once the import is complete, we will repeat the process with the rest of the appliances. At the end of the import, and after waiting about 5 minutes, we will see that we have all active and ready to use.



The next step will be to create virtual machines and add the disk images

Click on “Create VM”





We begin by indicating the name of the virtual machine and its resources:
2 vCPUs, 1 GB vRAM

Create VM ? X

General Configuration

NAME
UDS_Server

DESCRIPTION
Optional

Compute Details

VCPU(S)
2

NUMBER OF CORES PER VCPU
1

MEMORY
1 GiB

Disks + Add New Disk

TYPE	ADDRESS	PARAMETERS
CDROM		EMPTY=true; BUS=ide

Cancel Save

In the configuration of disks, we can delete the CDROM and click on “Add New Disk”



In the "OPERATION" section select "Clone from Image Service" and in "IMAGE" import the virtual disk of the server (the disk size should appear automatically)

Add Disk

TYPE
DISK

OPERATION
Clone from Image Service

BUS TYPE
SCSI

IMAGE
UDS_Server

SIZE (GiB)
5

Cancel Add

We add the disk and finally select the network to which our server will be connected.

Disks [+ Add New Disk](#)

TYPE	ADDRESS	PARAMETERS	
DISK		SIZE=5GiB; BUS=scsi	/ - x

Volume Groups

Please create a VM before you can add a volume group.

[Add Volume Group](#)

Network Adapters (NIC)

You haven't added any NICs yet.

[Add New NIC](#)



Click on “Add New NIC” and select the appropriate virtual network

Create NIC ? X

VLAN NAME
Lan

VLAN ID
vlan.0

VLAN UUID
ad7af8d3-b1a7-4fd8-8508-a61b1cb8ed1e

NETWORK ADDRESS / PREFIX
NONE

Cancel Add

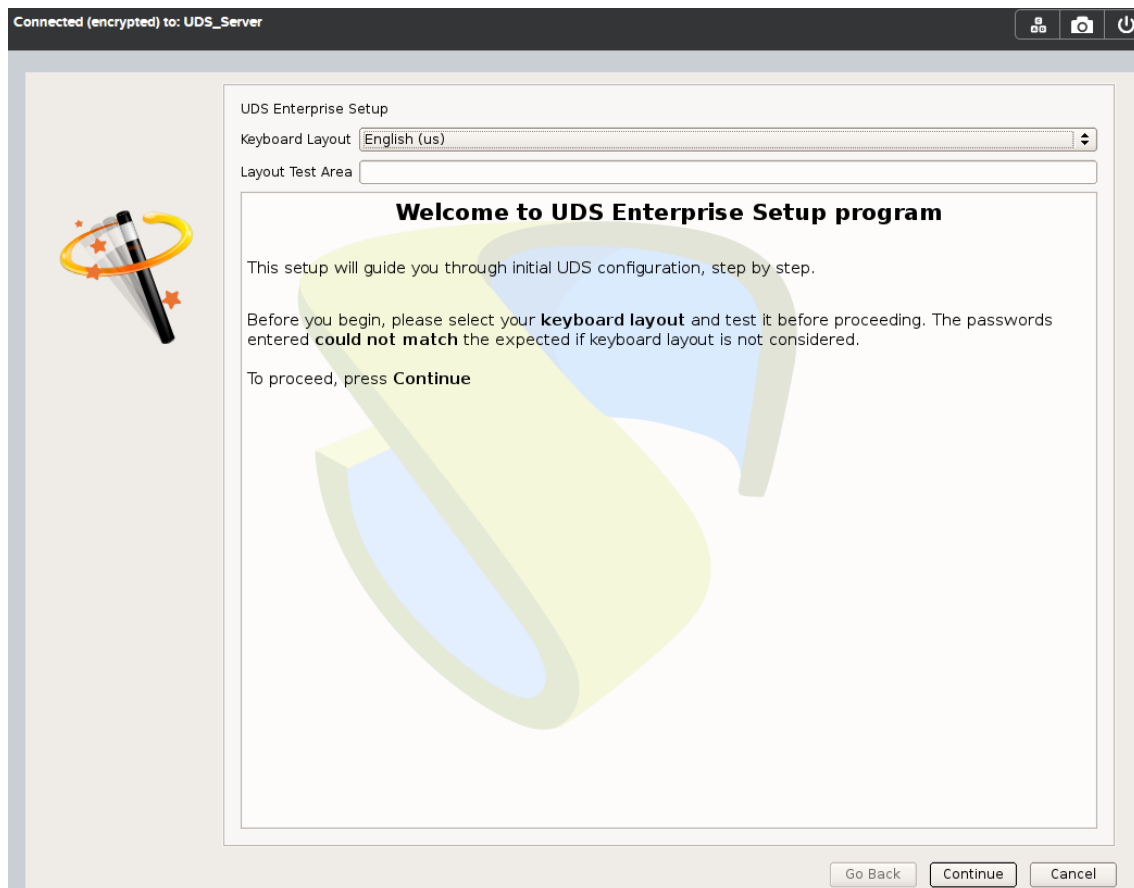
We finish the virtual machine creation wizard and repeat this process with the rest of the UDS virtual appliances.

VM NAME	HOST	IP ADDRESSES	CORES	MEMORY CAPACITY	STORAGE
UDS_MySQL			1	1 GiB	1.51 GiB / 8 GiB
UDS_Server			2	1 GiB	1.74 GiB / 5 GiB
UDS_Tunneler			2	1 GiB	1.77 GiB / 5 GiB



3. Start UDS Servers

Once the import of the UDS Appliance is completed, we turn on the VM and start a console to begin the server configuration.



We wait for the VM to start so we can proceed with the configuration of the UDS Appliance (see UDS Enterprise 2.1 Installation, Administration and User Guide).

NOTES:

1. If you want to use the UDS Tuneler component (which will give you access from WAN and HTML5 access to the different services) repeat the same tasks described above using the file UDS-Tuneler.x.x.ova.
2. If you do not have your own database server to host the UDS Enterprise database (remember that UDS Enterprise Free Edition & UDS Enterprise Evaluation Version do not require an external database), from the same repository you can download A virtual machine with a database server already prepared for that purpose. We remind you that this server is not part of UDS Enterprise and therefore is not included in the support.



UDS Enterprise

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www.udsenderprise.com

Support and Professional Services

VirtualCable markets UDS Enterprise through a subscription model, including support and updates, depending on the number of users.

In addition, VirtualCable offers professional services to install and configure UDS Enterprise, and other virtualization technologies.

For more information, visit www.udsenderprise.com or send an email to info@udsenderprise.com