



Importing UDS on Nutanix Acropolis



#SmartDigitalWorkplace
— VIRTUAL CABLE —

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INTRODUCTION

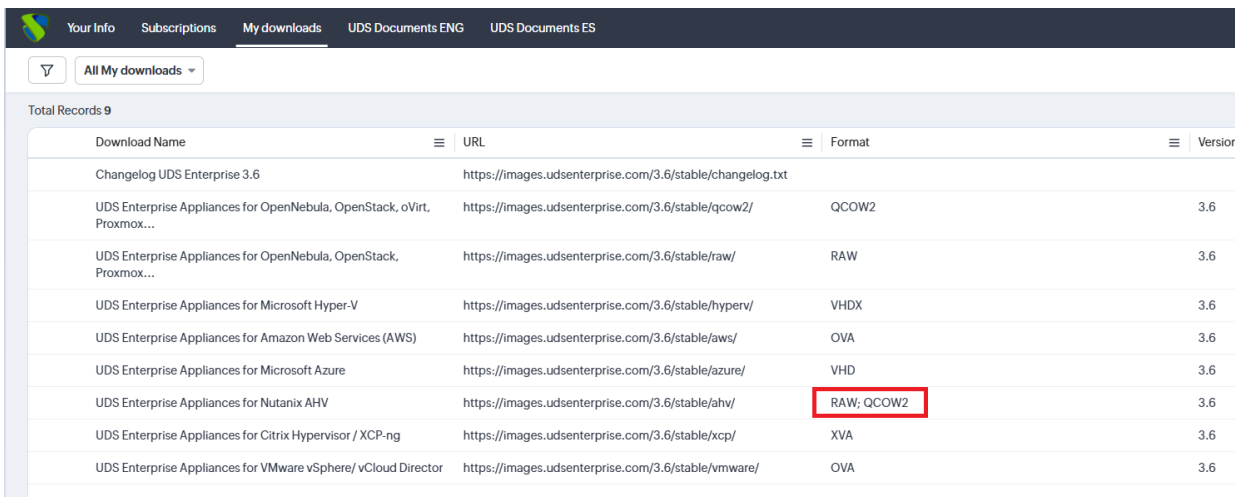
UDS Enterprise components are provided as Virtual Appliances. To upload these items to the Nutanix Acropolis platform, perform the following tasks:

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 compatible with Nutanix Acropolis" (.QCOW2 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 you will find the UDS Appliances:

UDS Enterprise 4.0 RC Images

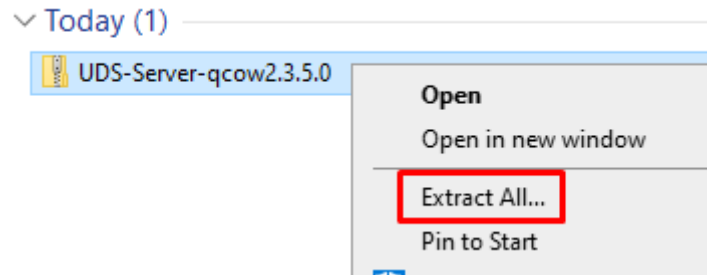
Please, select the option that best fit your needs

- [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 \(For OpenStack, OpenNebula, ProxMox, oVirt>=4.2, ...\)](#)

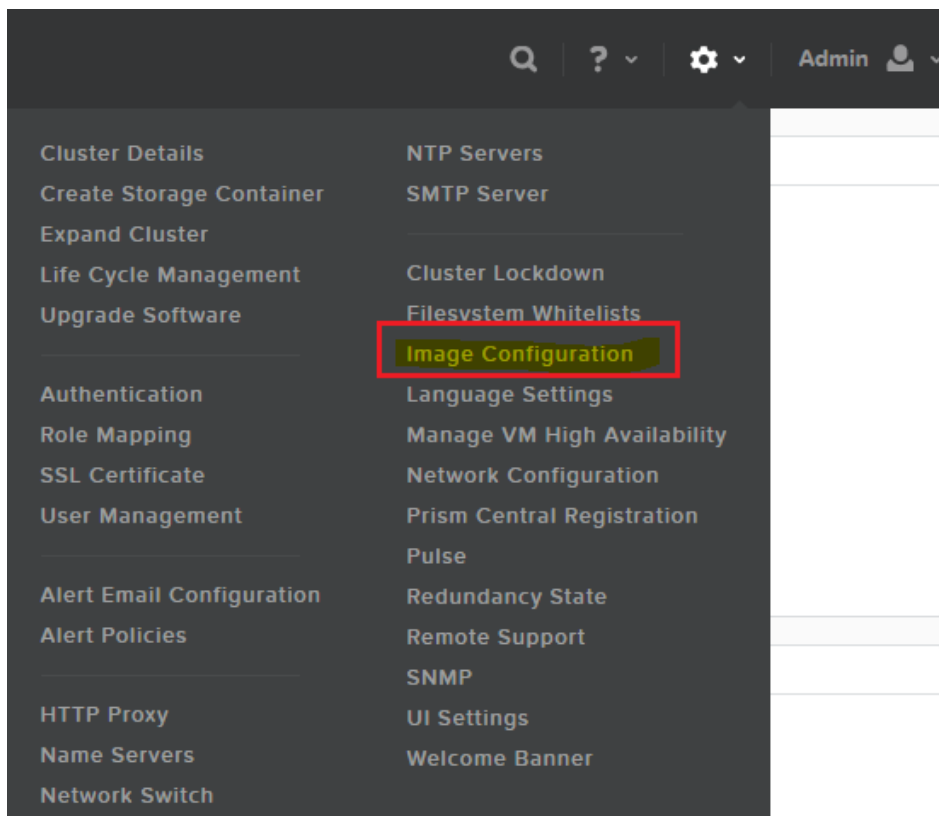
Import UDS Appliances on the virtual platform

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

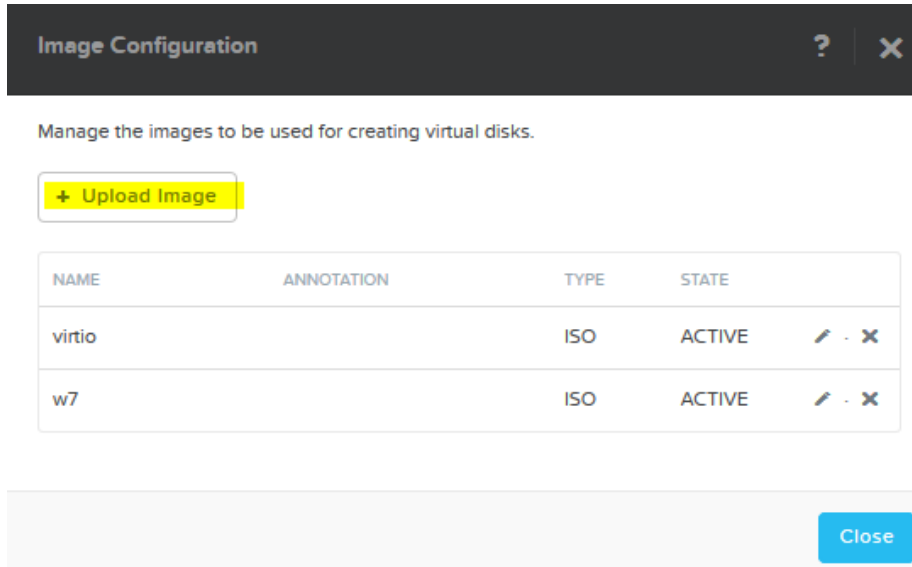
Download the .zip file and unzip it:



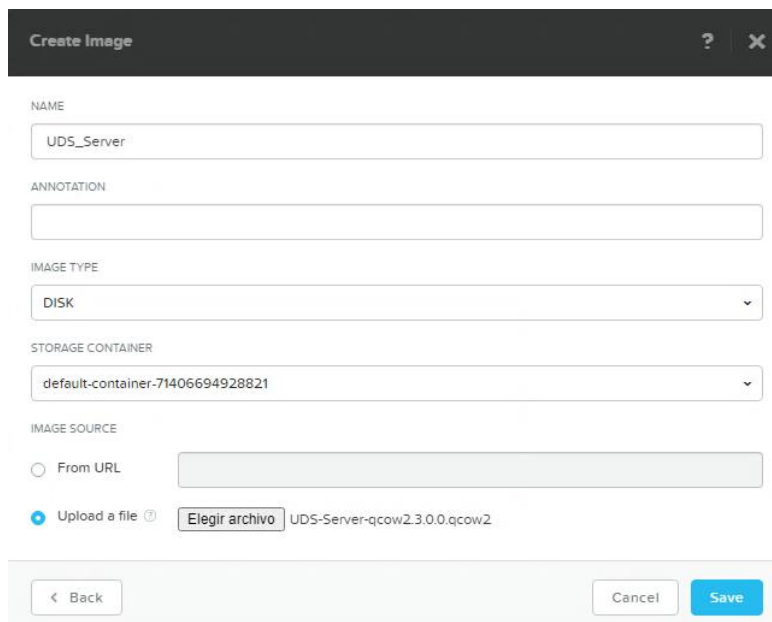
Access the Nutanix environment through Prism and open the image manager from the option: "**Image Configuration**":



Click on "Upload Image".



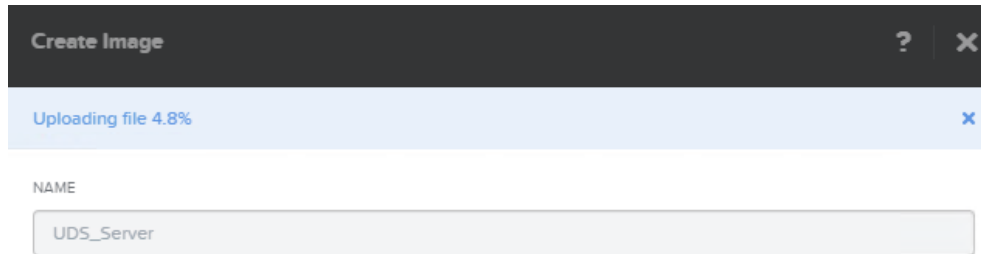
Indicate the name for the image (the type of image will be: "DISK"), a storage to host the image and finally mark the option "Upload a file" to select the image from the disk.



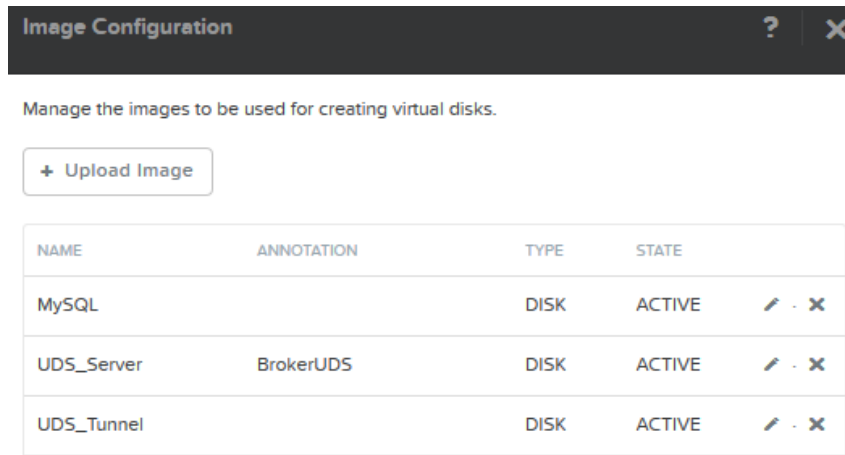
Select the .qcow2 file previously decompressed as an image:

Name	Date modified	Type
 UDS-Server-qcow2.3.5.0.qcow2	12/21/2021 4:12 PM	QCOW2 File

Save and the system will begin with the import process:

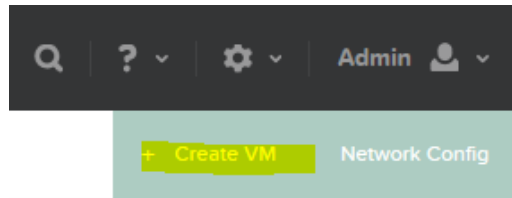


Once the import is finished, repeat the process with the rest of the appliances. At the end of the import of all of them and after waiting about 5 minutes, you will see that they will be active and ready to use.



The next step will be to create virtual machines and add these disk images to them.

Click on "Create VM":



Start by indicating the name of the virtual machine and its resources: 2 vCPUs, 2 GB vRAM.

Create VM
?
✕

General Configuration

NAME

DESCRIPTION

TIMEZONE
 Local ▾

Use this VM as an agent VM

Compute Details

VCPU(S)

NUMBER OF CORES PER VCPU

MEMORY
 GiB

In the disk configuration, you can delete the CDROM and click on "**Add New Disk**".

In the "**OPERATION**" section select "**Clone from Image Service**", and in "**IMAGE**", the server disk that you are going to import (the disk size should appear automatically):

Add Disk
?
✕

TYPE

DISK
▾

OPERATION

Clone from Image Service
▾

BUS TYPE

SCSI
▾

IMAGE ?

UDS_Server
▴

SIZE (GiB)

Please note that changing the size of an image is not allowed.

8

Cancel

Add

Add the disk and finally select the network to which your server will be connected.

Disks

+ Add New Disk

BOOT DEVICE	TYPE	ADDRESS	PARAMETERS
<input type="radio"/>	DISK		SIZE=8GiB; BUS=scsi

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
?
✕

VLAN NAME

Lan
▼

VLAN ID

vlan.0

VLAN UUID

ad7af8d3-b1a7-4fd8-8508-a61b1cb8ed1e

NETWORK ADDRESS / PREFIX

NONE

Cancel
Add

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

VM	Memory (MB)	vCPUs	STORAGE
MySQL	3072	2	24
Server	4096	4	16
Tunnel	4096	4	20

● UDS_MYSQL	NTNX-575dfe7a-A/AHV	192.168.14...	2	1 GiB	309.19 MiB / 10 GiB
● UDS_Server	NTNX-575dfe7a-A/AHV	192.168.14...	2	2 GiB	616.31 MiB / 8 GiB
● UDS_Tunnel			2	2 GiB	619.66 MiB / 13 GiB

Start UDS servers

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

```

UDS Enterprise Server v4.0.0 broker-400 tty1

broker-400 login: root (automatic login)

Linux broker-400 6.1.0-31-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.128-1 (2025-02-07) x86_64
UDS Enterprise Server v4.0.0

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      UDS Enterprise comes with ABSOLUTELY NO WARRANTY,
      to the extent permitted by applicable law.
      Last login: Fri Feb 14 18:16:03 CET 2025 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 192.168.14.85. We are going to start the web setup process for you right now.
      To configure your appliance, please go to this URL: https://192.168.14.85:9900
      Note that, by default, UDS Appliance generates self signed certificates.
      If you want to use your own certificates, please copy them to /etc/certs/ folder.
      The setup process will be available until finished or the appliance is rebooted.
      Your setup code is: Yj9jp4XA

      Y J 9 J P 4 X A
  
```

Wait for the VM to start and 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 provide you with WAN access and HTML5 access to the different services) repeat the same tasks previously described using the UDS-Tunnel.xxova 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.