



# UDS Enterprise OpenNebula Quick Steps Guide - VDI

OpenNebula

READY



## Step 1

### Prepare your environment

Install & configure OpenNebula with at least :

- A network configuration with the OpenNebula host with one static IP

For further info: [OpenNebula 6.0.0 Documentation](#)



## Step 2

### Prepare the virtual desktop's base image

Optimize your base image:

- Configure GPO
- Remove unnecessary components

Install in your base image:

- Favourite apps
- UDS Actor

For further info: [UDS Enterprise Installation, Administration and User Guide](#)



## Step 3

### UDS Enterprise software installation

Install & configure UDS Enterprise components:

- MySQL Database
- UDS Server (broker)
- UDS Tunnel
- UDS Actor



## Step 4

Go to UDS Enterprise Administration Dashboard  
and add OpenNebula in the “Services” section

The screenshot shows the UDS Enterprise Administration Dashboard. The top left corner features the UDS logo. The main content area is titled "Service providers" and includes a navigation bar with buttons for "New", "Edit", "Permissions", "Maintenance", "Export", and "Delete". Below the navigation bar is a filter input field and pagination controls showing "1 - 5 of 5". A table lists the service providers:

Name	Type	Comments	Status ↑
<input type="checkbox"/> consolas	Static IP Machines Provider		Active
<input type="checkbox"/> OpenNebula	OpenNebula Platform Provider		Active

The "OpenNebula" row is highlighted with a red border.



## Step 5

### Create your Authenticator/s, OS Manager/s & Transport/s

- Authenticators: Active Directory, Azure Active Directory, eDirectory, OpenLDAP, SAML, IP and Internal
- OS Managers: Linux, Windows (Persistent / Non-persistent)
- Transports: RDP, RDS, XRDP, NX, RGS, PCoIP, SPICE, X2Go, HTML5 and RDS through HTML5



## Step 6

### Deploy Services Pool

- Deploy desktops from base image/s
- Assign Authenticator/s, OS Manager/s, Calendars & Transport/s as needed

The screenshot displays the UDS Service Pools management interface. At the top, there is a navigation bar with the UDS logo and a language dropdown set to 'English'. Below the navigation bar is a header for 'Service Pools' with a blue background. Underneath the header are several action buttons: 'New', 'Edit', 'Permissions', 'Export', and 'Delete'. To the right of these buttons is a 'Filter' input field and a pagination indicator '1 - 6 of 6'. Below the buttons and filter is a table with the following columns: Name, Status, User services, In Preparation, Usage, Visible, Shows transports, Pool group, and Parent service. The table contains one entry: 'OpenNebula W10' with a checked checkbox, 'Active' status, '0' user services, '0' in preparation, '0%' usage, 'yes' visible, 'yes' shows transports, 'Default' pool group, and 'W10' parent service.

Name	Status	User services	In Preparation	Usage	Visible	Shows transports	Pool group	Parent service
<input checked="" type="checkbox"/> OpenNebula W10	Active	0	0	0%	yes	yes	UDS Default	W10



# UDS Enterprise VDI & OpenNebula integration

OpenNebula

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The screenshot shows the OpenNebula web interface for managing VMs. On the left is a navigation sidebar with menu items: Dashboard, Instances, Templates, Storage, Network, Infrastructure, System, and Settings. A red box in the sidebar indicates 'Not officially supported' and the version is 'OpenNebula 6.0.0'. The main content area is titled 'VMs' and shows a user 'oneadmin' on the 'OpenNebula' cloud. A toolbar contains various VM control icons. Below is a table of VMs with columns for ID, Name, Owner, Group, Status, Host, IPs, and Charter. Five VMs are listed, all with a status of 'RUNNING'. A summary at the bottom shows 5 total VMs, all active.

ID	Name	Owner	Group	Status	Host	IPs	Charter
1	UDS-DB	oneadmin	oneadmin	RUNNING	192.168.2.15	0: 192.168.2.16	
2	UDS-Server	oneadmin	oneadmin	RUNNING	192.168.2.15	0: 192.168.2.17	
4	UDS-Tunel	oneadmin	oneadmin	RUNNING	192.168.2.15	0: 192.168.2.18	
8	W10-0000	oneadmin	oneadmin	RUNNING	192.168.2.15	0: 192.168.2.19	
9	W10-0001	oneadmin	oneadmin	RUNNING	192.168.2.15	0: 192.168.2.20	

Showing 1 to 5 of 5 entries

5 TOTAL 5 ACTIVE 0 OFF 0 PENDING 0 FAILED





## Step 7

Enjoy your virtual desktops provided by  
UDS Enterprise & OpenNebula!

The screenshot shows the UDS Enterprise login interface. At the top, there is a blue navigation bar with the UDS logo on the left, and links for 'UDS Client', 'About', and 'English' on the right. The main content area is white and features the UDS logo and the text 'UDS Enterprise' centered. Below this is a login form with two input fields: 'Username \*' and 'Password'. A 'Login' button is positioned below the password field. In the bottom right corner of the page, there is a copyright notice: '© Virtual Cable S.L.U.'.



For more information visit  
[www.udsenderprise.com](http://www.udsenderprise.com)