



UDS Enterprise OpenStack Quick Steps Guide - VDI





Step 1

Prepare your environment

Install and configure OpenStack with at least:

- A compute node with the necessary resources
- A storage to host the services
- A virtual network with connectivity

For more information: [OpenStack 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 OpenStack 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 this is a table with columns for "Name", "Type", "Comments", and "Status". A red box highlights the first row of the table, which contains the entry "OpenStack" with a checkbox, and "OpenStack Platform Provider" under the "Type" column. The "Status" column shows "Active".

Name ↑	Type	Comments	Status
<input type="checkbox"/> OpenStack	OpenStack Platform Provider		Active



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

UDS

Service Pools

[New](#) [Edit](#) [Permissions](#) [Export](#) [Delete](#) 1 - 1 of 1

Name ↑	Status	User services	In Preparation	Usage	Visible	Shows transports	Pool group	Parent service
<input type="checkbox"/> xUbuntu20	Active	3	0	0%	yes	yes	Default	xUbuntu20



UDS Enterprise VDI & OpenStack Integration



Compatible

Project / Compute / Instances

Instances

Instance ID = Filter [Launch Instance](#) [Delete Instances](#) More Actions ▾

Displaying 7 items

<input type="checkbox"/>	Instance Name ▲	IP Address	Flavor	Key Pair	Status		Availability Zone	Task	Power State	Actions
<input type="checkbox"/>	UDS-DBServer	10.0.0.55, fdac:59ed:e9aa:0:f816:3eff:fee9:2965	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	UDS-Server	10.0.0.23, fdac:59ed:e9aa:0:f816:3eff:fe92:f1b6	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	UDS-Tunnel	10.0.0.46, fdac:59ed:e9aa:0:f816:3eff:fe74:5f33	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	xUbn-000	10.0.0.25, fdac:59ed:e9aa:0:f816:3eff:fedb:680	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	xUbn-001	10.0.0.41, fdac:59ed:e9aa:0:f816:3eff:fe99:d68	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	xUbn-002	10.0.0.56, fdac:59ed:e9aa:0:f816:3eff:fe69:7acf	ds1G	-	Active		nova	None	Running	Create Snapshot ▾
<input type="checkbox"/>	xUbuntu20-Template	10.0.0.29, fdac:59ed:e9aa:0:f816:3eff:fe9:9af3	ds1G	-	Shutoff		nova	None	Shut Down	Start Instance ▾

Displaying 7 items



Step 7

Enjoy your virtual desktops provided by
UDS Enterprise & OpenStack!

A screenshot of the UDS Enterprise web interface. The page has a dark blue header with the UDS logo on the left and navigation 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'. Below this is a login form with two input fields: 'Username *' and 'Password'. A 'Login' button is positioned below the password field. The footer of the page contains the copyright notice '© Virtual Cable S.L.U.'.

UDS

UDS Client About English

UDS Enterprise

Username *

Password

Login

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For more information visit
www.udsenderprise.com