



UDS Enterprise

VDI with UDS Enterprise & Microsoft Hyper-V

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About UDS Enterprise

UDS Enterprise is a multiplatform connection broker for:

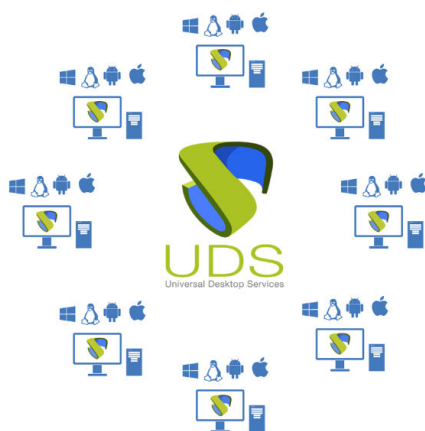
- VDI: Windows and Linux virtual desktops administration and deployment
- Windows and Linux app virtualization
- Desktop services consolidation
- Remote access to physical and virtual devices

UDS Enterprise is ideal for managing workstations because, among other functions, it allows you to perform the following tasks:

- Manage the life cycle of the endpoint
- Administer and manage Windows and Linux virtual desktops, virtualized applications and IP services deployed on different platforms from a single console
- Connect users and user groups of different authentication systems at the same time with virtual desktops and different IP services
- Connect users with remote desktop services by enabling one or more connection protocols at the same time
- Define policies for the use of deployed virtual desktops or other resources
- Deploy template-based virtual desktops
- Secure access from WAN
- Remote access without the need for client software
- Remote access from any web browser that supports HTML5

UDS Enterprise functionalities

- Scalable platform. It supports configurations in high availability by deploying several UDS Enterprise brokers in cluster
- Unlimited number of configurations thanks to its additional module management system and the definition of configuration variables on two levels:
 - Definition of configuration variables at system level
 - Definition of independent module configuration variables
- Virtual desktop cache system in two levels for fast connection
- Management of unlimited services (Microsoft Hyper-V, Microsoft Azure, VMware vSphere, Nutanix Acropolis, OpenNebula, OpenStack, Proxmox, oVirt, Terminal Server...)
- Unlimited user and device authentication systems (AD, Microsoft Azure Active Directory, eDirectory, LDAP, SAML, internal authentication system, authentication by IP)
- Log visualization system and system statistics
- Deployment of virtual desktops in multiple hypervisors at the same time and managed from a single UDS Enterprise broker
- Virtualization of application sessions
- Deployment of highly scalable services based on SOA architecture





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Architecture UDS Enterprise & Hyper-V

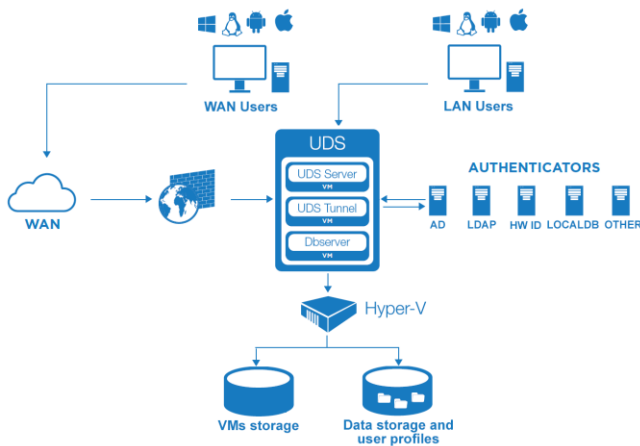
The deployment of UDS Enterprise on Microsoft Hyper-V is a simple task since its components are offered in Virtual Appliance format.

Through a simple process, the UDS Enterprise components are hosted on the Microsoft Hyper-V platform on which the virtual desktops are going to be deployed.

Once the components have been stored, it is necessary to interconnect all of them between each other as well as with the Microsoft Hyper-V virtual platform.

After completing these initial steps, UDS Enterprise is capable of administering and managing the virtual desktops that are deployed on Microsoft Hyper-V, which are available to users.

UDS Enterprise automatically manages the user's workstation life cycle without requiring Microsoft System Center, making it a completely autonomous system, avoiding the need of additional licenses.



UDS Enterprise components

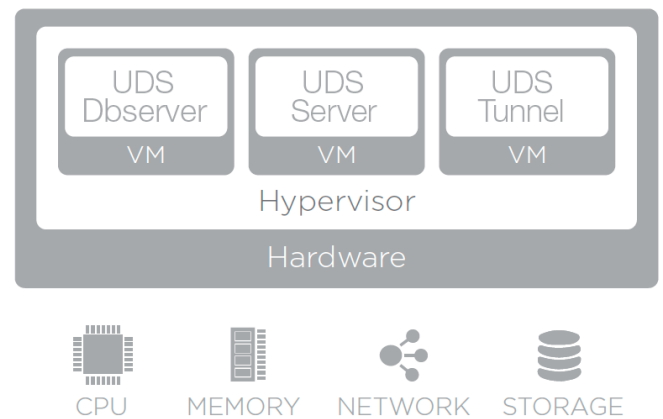
UDS Server (Broker). This is the software that mediates among connection clients and service providers. This is the basic element of UDS, as it performs the functions of connection broker to the desktop services and enables the administration and management of virtual desktop platforms defined as implemented services.

UDS Tunnel. Software that establishes secure connections to desktop services through WAN. It also provides HTML5 access to the services.

UDS Dbserver. This component is responsible for storing all system UDS data, such as service providers, authenticators, connectivity... and all the information needed to generate statistics.

UDS Actor. This software performs the communication and interface functions for transmitting data (virtual desktop status, machine name...) and commands among the broker and the desktop services managed by UDS.

UDS Client. This software allows the connection to the connection protocol to run desktop services.





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A winning team

Through the integration of UDS Enterprise with Microsoft Hyper-V, a VDI management and admin solution unique on the market is achieved.

Find below the main characteristics that we can find in a UDS Enterprise with Hyper-V solution:

- UDS Enterprise is compatible with Microsoft's proprietary Hyper-V differential disks for deploying template-based virtual desktops, which allows saving a significant amount of disk space, while simultaneously achieving efficient desktop management
- Management of the virtual desktops' life cycle
- Automated deployment of virtual desktops on Microsoft Hyper-V
- Support for Hyper-V servers in cluster or in standalone mode
- Automated deployment and management of virtual desktops' life cycle
- Memory management in services, with the ability to dynamically assign memory to the different services regardless of the base template configuration

All of these functionalities and compatibilities have been implemented so that they are managed from UDS Enterprise, without requiring intervention from the Microsoft System Center, resulting in considerable cost savings, as purchasing additional licenses is not necessary.

UDS Enterprise with Microsoft Hyper-V is a robust, efficient and perfect solution for managing virtual desktop platforms for any type of environment, maintaining all the features of the hypervisor.

About Virtual Cable

Virtual Cable develops, supports and sells UDS Enterprise through a subscription model based on number of users, including product support and updates.

Additionally, Virtual Cable offers professional services to install and configure UDS Enterprise.

For further information visit www.udsenderprise.com or email us at info@udsenderprise.com