



UDS Enterprise

VDI with UDS Enterprise & Microsoft Hyper-V

www.udsenderprise.com

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
- Management of user access to IT resources in the Data Center or Cloud

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

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



UDS Enterprise functionalities

- Two-tier virtual desktop cache system for a quick connection
- System for viewing logs and statistics
- Unlimited number of configurations thanks to its additional module management system and the definition of configuration variables on two levels:
 - Definition of systematic configuration variables
 - Definition of independent module configuration variables
- Unlimited services management (Microsoft Hyper-V, Microsoft Azure, VMware vSphere, Nutanix Acropolis, OpenNebula, OpenStack, KVM, oVirt, Terminal Server, FTP, Remote File Storage...)
- Unlimited user and device authentication systems (Azure Active Directory, AD, eDirectory, LDAP, SAML, internal authentication system, authentication by IP, MAC)
- Virtual desktops deployment in multiple hypervisors at the same time and Data Stores managed from a single UDS broker
- Application sessions virtualization
- Deployment of very scalable services based on SOA architecture

Architecture UDS Enterprise & Hyper-V

The process of integrating UDS Enterprise with 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.



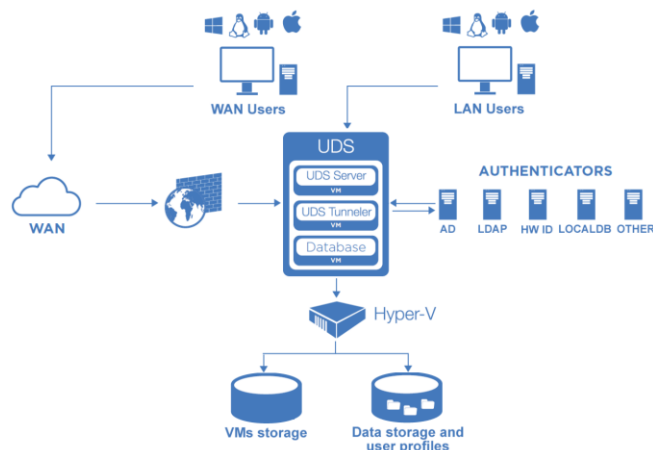
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Having completed these initial steps, UDS Enterprise is capable of administering and managing the virtual desktops that are deployed on Microsoft Hyper-V, which are available for the users.

UDS Enterprise automatically manages the user station lifecycle without requiring Microsoft System Center, making it a completely autonomous system, avoiding the need of additional licenses.



UDS Enterprise components

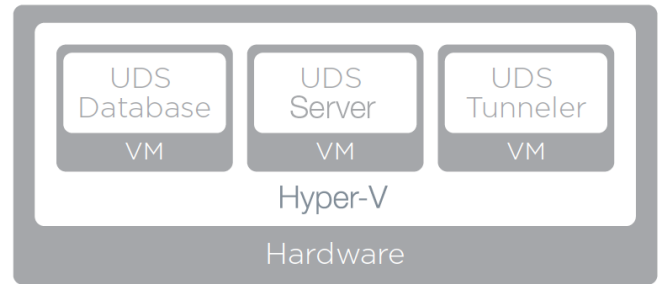
UDS Server (Broker). This is the software that mediates among connection clients and service providers. This is the basic element of UDS, as it performs the functions of connection broker to the desktop services and enables the administration and management of virtual desktop platforms defined as implemented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

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

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



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 permits saving a significant amount of disk space, while simultaneously achieving efficient desktop management
- Management of the virtual desktop lifecycle
- Automated deployment of virtual desktops on Microsoft Hyper-V
- 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 ideal solution for managing virtual desktop platforms for any type of environment, maintaining all of the characteristics of the hypervisor chosen for your platform.



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About VirtualCable

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

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

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