Citrix desktop and app virtualization Fundamentals

About Course

Citrix Systems is known for its Xen desktop, server, and application virtualization products. The suite is an established alternative to VMware, Microsoft Hyper-V, and other enterprise virtualization and cloud offerings.

Citrix donated its Xen Hypervisor to the Linux Foundation, where it's now the foundation of the open source Xen Project. The company has since renamed the products in its virtualization suite, added new digital workplace and networking products to its portfolio, and embraced the cloud with its own Citrix Cloud Platform.

Target Audience

Citrix VDI is designed for early-career IT professionals who wants to learn how to install, configure and manage Citrix Virtual Apps and Desktops, either on-premises or in the Citrix Cloud.

- Install and configure operating system options
- Windows Server roles
- Domain Name System
- Dynamic Host Configuration Protocol

- User rights and permissions
- Delegation of administrative rights
- Active Directory Domain Services
- Active Directory Certificate Services
- Users/Groups
- GPOs
- OUs
- Understanding of networking protocols such as TCP/IP
- Understanding of firewall concepts
- Understanding of e-mail administration and account creation
- Understanding of Remote Desktop Services policies and profiles
- Ability to create shares and give permission to shared folders/files
- Ability to create and modify AD group policies
- Understanding of VPN technologies
- Understanding of roaming profiles and folder redirection

Manage Server OS images and Desktop OS images
Create Citrix policies Manage license usage
Delegate administrative rights
Publish server/desktop OS-hosted applications
Manage virtual machine settings
Manage device collections, target devices, and vDisks
Manage Personal vDisk
Managing the store
Manage the Delivery Controller environment
Manage user profiles
Manage the print environment
Managing configuration logging
Update the desktop image
Configure power management settings
Maintain Delivery Groups
Maintain machine catalogs
Maintain the XenServer
Maintain vDisks

Troubleshoot Delivery Controller
Troubleshoot Virtual Delivery Agent
Troubleshoot licensing issues
Troubleshoot common printing issues
Troubleshoot user connectivity issues related to Application and Desktop
Launch