

5 Days

CMB-300: Deploy and Manage Citrix XenApp/XenDesktop 7.6 Fast Track

The CMB300 training helps the students to gain the skills in order to deploy and support Citrix hosted application and virtualization solutions in a Windows Server 2012 R2 environment. The participants will learn to configure the environment which includes Citrix components and receiver.

Course Objective:

On successful completion of the course, the candidate will be able to

- Understand XenDesktop 7.5
- Setup hypervisor, Netscaler
- Setup and manage XenDesktop 7.5, Provisioning services
- Create and manage machine catalogs and Delivery groups
- Create and manage storefront, policies, and end-user profiles
- Manage sessions, sites, printing, and end users
- Validate implementation

Course Details

Course Outline

Module 1: Understanding the XenDesktop 7.5 Architecture

- Understanding the Architecture of a XenDesktop Solution
- XenDesktop Virtualization Technologies
- Infrastructure and Citrix Components
- Designing a Document and XenDesktop Implementation

Module 2: Hypervisor Considerations

- Setup, install and configure the Hypervisor
- Installation of the Hypervisor Management Console
- Templates Creation
- Reinforcement Exercise

Module 3: Infrastructure Considerations

Setting Up of

- Infrastructure Components
- Domain Controller
- Dynamic Host Configuration Protocol
- Certificate Authority
- File Server
- SQL Server 2012
- SQL Server Mirroring
- Reinforcement Exercise

Module 4: Setting Up Citrix Components

Setting Up of

- Citrix Components
- Citrix License Server
- Delivery Controller
- Second Controller
- Citrix Universal Print Server
- StoreFront
- Second StoreFront Server
- Receiver
- Reinforcement Exercise

Module 5: Setting Up XenDesktop Resources

Setting Up of

- XenDesktop Resources
- Master Virtual Machine
- Server OS Master Image
- Desktop OS Master Image
- Create a Machine Catalog and Delivery Group
- Reinforcement Exercise

Module 6: Managing Policies and Profiles

- Setting Up of Policies
- Policy Precedence
- Creating Policies Using Studio and Group Policy
- Obtaining the Resultant Set of Policy Using Group Policy Objects
- Managing End-User Profiles
- Reinforcement Exercises

Module 7: Managing Printing

- Managing Printing and Printer devices
- Default Printing Behavior
- Configuring Client Printing
- Optimizing Performance
- Setting Up and Managing the Universal Print Server
- Reinforcement Exercise

Module 8: Setting Up Provisioning Services

- Provisioning Services
- Architecture
- Provisioning Services Server
- Installation of the Provisioning Services Console
- Configuring Boot from Network
- Second Provisioning Services Server
- Configuring the BootStrap File for High Availability
- Configuring the Master Target Device
- Creating the vDisk and assigning to a target device
- Creating the Machine Catalog and delivery group
- Reinforcement Exercise

Module 9: Managing and Monitoring Sessions, Sites, and End Users with Director

- Director Overview
- Director Dashboard
- End-User Sessions
- Reinforcement Exercise

Module 10: Setting Up NetScaler

- Set Up NetScaler
- Initial NetScaler Configuration
- Configuring NTP, NetScaler High Availability
- Setting Up DNS
- Create Certificates for NetScaler

- Load Balancing StoreFront Servers
- Configuring NetScaler for Remote Access
- Redirect HTTP Requests for StoreFront
- Modify StoreFront to Integrate with NetScaler
- Configuring ICA Proxy and Authentication policies
- Configuring NetScaler for Email-Based Account Discovery
- Reinforcement Exercise

Who Should Attend

- Architects
- Consultants
- Engineers
- Administrators

Pre Requisite

- Knowledge of server, desktop and application virtualization concepts
- Experience with Windows Server 2012 R2
- Experience with Windows 7 and Windows 8.1 user interfaces
- Basic storage knowledge
- Basics of Citrix licensing
- Familiarity with hypervisor (XenServer, Hyper-V, or vSphere)
- Basic understanding of profiles (local, roaming, mandatory)

Exams

[CMB-300]

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Date - Apr 26, 2024