



Citrix Xen Server 5.6 / Xen App / Xen Desktop

Total Duration: 20 Days

Day 1	<p>Module 1: XenServer Introduction</p> <ul style="list-style-type: none"> • Overview • XenServer Architecture Overview • XenServer Architectural Components • Emulation Example • Para-virtualization Example • XenCenter Overview • XenCenter Performance Data • With Demo Practical's 	
Day 2	<p>Module 2: XenServer and XenCenter Installation</p> <ul style="list-style-type: none"> • XenServer Installation • Virtual Machine Storage • Single and Multiple Disk System Installations • Multiple Disk System • Installing XenServer • Pre-Installation Checklist • XenServer Installation Process • Installing XenCenter • XenCenter Windows Consoles • XenCenter Linux Consoles • XenServer Licensing • Licensing Components • License File Management • Obtaining License Files • Installing the Citrix License Server • License Management Console • With Demo Practical's 	
Day 3	<p>Module 3: Windows Virtual Machines</p> <ul style="list-style-type: none"> • Virtual Memory and Disk Size Limits • Virtual Device Support • Windows Virtual Machine Architecture • Create a Windows Virtual Machine • Installation from an ISO • Libraries • Create an Library • Xen Server Tools • With Demo Practical's 	
Day 4	<p>Module 4: Linux Virtual Machines</p> <ul style="list-style-type: none"> • Linux Virtual Machine Architecture • Linux Distributions • Xenenabled Distributions • NonXenenabled Distributions • Creating Linux Virtual Machines • Create a Linux Virtual Machine • Installing XenServer Tools • Install XenServer Tools • Virtual Network Computing for Virtual Machines • Configure VNC for Virtual Machines • With Demo Practical's 	
Day 4	<p>Module 5: Templates and LifeCycle Operations</p> <ul style="list-style-type: none"> • Virtual Machine Templates • Exporting a Virtual Machine • Importing a Virtual Machine • Copying a Virtual Machine • New Virtual Machine Creation Using a Template • LifeCycle Operations • Suspend and Resume • Deleting a Virtual Machine • With Demo Practical's 	



Day 5	Module 6: Networking <ul style="list-style-type: none"> • Network Components and Architecture • Network Architecture Diagram • Internal only Networks • Virtual NICs • External Networks • VLAN Support and Components • Initial Network Setup • Management and Normal Interfaces • IP Address Information for Normal NICs • Network Adapter Drivers • Virtual Network Setup • Virtual NIC Creation • Virtual NICs Connections • Network Configuration • Configure VLAN • With Demo Practical's 	
--------------	---	--

Citrix Xen App 6.5 + Xen Desktop 5.5 (CXA-206, CXA-202)		
Day 6	Module 1: Introducing Basic Administration for Citrix XenApp 6 <ul style="list-style-type: none"> • XenApp 6 Features • XenApp Architecture • Delivery Services Console 	
Day 7	Module 2: Licensing XenApp <ul style="list-style-type: none"> • XenApp Licensing • License Administration Console • Installing Licensing • License File Management • High Availability Considerations 	
Day 8	Module 3: Installing XenApp <ul style="list-style-type: none"> • Installation Decisions • XenApp Server Role Manager • Web Interface Installation Decisions • Unattended Installation and Configuration • Hardware Requirements • Software Requirements • XenApp Configuration Options 	
Day 9	Module 4: Configuring XenApp Administration <ul style="list-style-type: none"> • Worker Groups • Administrator Privilege Levels • Configuration Logging 	
Day 10	Module 5: Installing and Configuring Web Interface <ul style="list-style-type: none"> • Architecture and Communications • Web Interface Installation • Site Creation • Web Interface Site Modification • Specifying Citrix Plugin Backup URLs • Site Appearance • Workspace Control • Citrix Plug-in and the Web Interface • Authentication Configuration • Secure Access Configuration • Clientside Proxy Settings • Server Configuration • Web Interface Site Removal 	



Day 11	Module 6: Delivering Applications and Content <ul style="list-style-type: none"> • Published Resources • VM Hosted Apps • Organizing Published Resources for Users • Advanced Published Resource Settings • Published Resource Configuration 	
Day 12	Module 7: Streaming Applications <ul style="list-style-type: none"> • Application Streaming • Citrix Offline Plugin • Citrix Streaming Profiler • Application Delivery Methods • The Web Delivery Method • Streaming to Servers • Publishing a Streamed Application • Configuring Sites for Streaming Applications • Offline Access Management 	
Day 13	Module 8: Configuring Printing <ul style="list-style-type: none"> • Printing Concepts • Default Printing Behavior • Printer Provisioning • Printing Pathways • Printer Drivers • Citrix Universal Printing • Administrator Assigned Network Printers • Workspace Control and Proximity Printing • Printing Preferences • Printing Bandwidth 	
Day 14	Module 9: Introducing XenDesktop <ul style="list-style-type: none"> • Desktop Virtualization • Virtual Desktop Models • Quick Deploy • Quick Deploy System Requirements 	
Day 15 & 16	Module 10: Installing and Configuring XenDesktop <ul style="list-style-type: none"> • XenDesktop Architecture • Production Site Configuration • License File Management • Obtaining License Files • Security Considerations • Active Directory Considerations • Supported Active Directory Environments • Active Directory Based Controller Discovery • Active Directory Objects • Configuring a XenDesktop Site • Web Interface • Web Interface Considerations • Desktop Delivery Communication Process • Access Gateway • ICA Proxy Mode • Access Gateway Deployment Scenarios • Access Gateway Communications • Access Gateway Authentication • Single Signon to Web Interface 	
Day 17 & 18	Module 11: Managing Desktop Catalogs and Groups <ul style="list-style-type: none"> • Administration Roles • Preparing a Virtual Desktop for Delivery • Virtual Desktop Agent Installation • Virtual Desktop Agent Wizard Settings • Manual Firewall Configuration • Machine Creation Services 	



	<ul style="list-style-type: none"> • Machine Creation Services Host and Storage Requirements • Desktop Catalogs • Machine Types • Pooled Machine Type • Dedicated Machine Type • Existing Machine Type • Physical Machine Type • Streamed Machine Type • Virtual Desktop Updates • To Modify the Master Virtual Machine • To Revert to the Previous Master Virtual Machine • Desktop Groups • Desktop Group Types • To Create a Desktop Group • Power Management • Pools and Buffers • To Configure Power Management 	
Day 19	<p>Module 12: Monitoring XenDesktop Sites</p> <ul style="list-style-type: none"> • Desktop Director • Installing Desktop Director • Accessing Desktop Director • Desktop Director Pages • Filters • Searching for a User or Machine • User and Machine Management • Managing Machines • Managing End Users • User Shadowing 	
Day 20	<p>Module 13: Streaming Desktops to Virtual and Physical Machines</p> <ul style="list-style-type: none"> • Streamed VHDs and Catalogs • Provisioning Services • Citrix Provisioning Services Infrastructure • Citrix Provisioning Services Components • Key Services • Provisioning Services Administration • Installation Planning • Network Boot Services • Boot Process • DHCP Deployment Options • DHCP Configuration • Provisioning Services Farm Design • Farms • SQL Database Server • Service Account Permissions • Sites, Stores and Write Caches • Storage Requirements • Sample vDisk Storage Requirements • Provisioning Services Installation • To Install Provisioning Services • Provisioning Services Configuration • To Configure a Provisioning Services Farm • Store Configuration 	
