CXD-235: XenApp and XenDesktop Administration on Windows Server 2016

Course Details

Course Outline

1. **Architectural Overview**

   - FlexCast models (use cases)

   - Architecture

   - Layered approach methodology

   - Hosting platform considerations

2. **Initial Requirements and Lab**

   - Citrix consulting methodology

   - Supporting infrastructure prerequisites

   - Supporting infrastructure licensing considerations

   - Preparing for Server 2016 with AppDNA

   - Lab environment

3. **Installing and Configuring a XenApp and XenDesktop Site**

   - Licensing considerations

   - Installation and management

   - Introduction to basic license server troubleshooting

   - Delivery Controller role

   - The XenApp and XenDesktop Site

   - Databases

   - XML traffic security

4. **Provision and Deliver Application and Desktop Resources**

   - The Virtual Delivery Agent

   - Machine catalogs and delivery groups

- Provisioning methods and considerations

- Provisioning methods: Machine Creation Services (MCS) in depth

- MCS environment considerations

- Creating resources

- Application layering with AppDisks

5. Providing Access with Citrix StoreFront and Receiver

- StoreFront installation and architecture

- StoreFront authentication services

- Self Service Password Reset

- Receiver

- Receiver configurations

6. Understanding and Configuring Citrix Policies

- Policies introduction

- Policies for session management

7. Application Presentation and Management

- Application properties

- File-type association

- Shortcut placement

- HDX Monitor

- Application groups

8. Printing with XenApp and XenDesktop

- Printing introduction

- Print job routing

- Printer driver management

- Citrix Universal Print Driver and Server

9. Citrix Profile Management

- User profiles

- Configuring Citrix Profile management

10. Managing the XenApp and XenDesktop Site

- Delegated administration

- Logging and reporting

- Introduction to PowerShell

11. XenApp and XenDesktop Site Redundancy

- Component failure review

- Methods of redundancy

12. XenApp and XenDesktop Site Basic Network Security

- Citrix administrator introduction to security considerations

- Certificate authority

- StoreFront consideration for external access

- XML service security considerations

- External HDX connection security with NetScaler Gateway

13. Monitoring the XenApp and XenDesktop Site

- Introduction to Citrix Director

- Navigating Director

- Monitoring sessions

- Interacting with sessions

- Network monitoring with HDX Insight

- Trends and reports

- Alerts and notifications

14. Introduction to Supporting and Troubleshooting XenApp and XenDesktop

- Introduction to Supporting XenApp/XenDesktop Site

- Known Issue Awareness

- XenApp and XenDesktop Hotfixes and the Long Term Service Release

- Common Troubleshooting Tools