

CITR-2 - CWS-322 - CITRIX VIRTUAL APPS AND DESKTOPS 7 ADVANCED CONFIGURATION AND WEM ADMINISTRATION

Categoria: Citrix

INFORMAZIONI SUL CORSO



Durata:
5 Giorni



Categoria:
Citrix



Qualifica Istruttore:
Citrix Certified
Instructor



Dedicato a:
Professionista IT



Produttore:
Citrix

OBIETTIVI

- How to implement advanced administration concepts such as backups, disaster recovery, scalability and redundancy for a Citrix Virtual Apps and Desktop 7 Site.
- Advanced troubleshooting techniques to troubleshoot Citrix Virtual Apps and Desktop 7.
- Security considerations and configurations for Citrix Apps and Desktop 7 site including multi-site management using zones.
- Install and initialize WEM and integrate into Citrix Virtual Apps and Desktops and Citrix DaaS.
- Configure WEM features to improve the end user environment and virtual resource consumption.
- Migrate an on-premises WEM deployment to WEM service.

PREREQUISITI

Strong foundational knowledge of:

- Windows Server and Desktop operating systems.
- Active Directory, Policies, Profiles, Networking and Hypervisors.

CONTENUTI

Module 1: Introduction to Citrix Virtual Apps and Desktops 7 Advanced Configuration

- Citrix Virtual Apps and Desktops Deployments - Advanced Configuration

Module 2: Planning: Redundancy and Scalability

- Citrix Virtual Apps and Desktops Redundancy and Scalability
- StoreFront and Citrix Gateway Redundancy and Scalability
- Site Infrastructure Redundancy and Scalability
- Machines Running the Virtual Delivery Agent

Module 3: Planning: Virtual Apps and Desktops Environment with Multiple Locations

- Zones
- VDA Registration in a Multi-Zone Environment
- Zone Preference

- Optimal Gateway Routing and Zones
- StoreFront Resource Aggregation
- Managing StoreFront Store Subscriptions in a Multi-Location Environment

Module 4: Planning: Backups and Disaster Recovery

- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

Module 5: Planning: Advanced Authentication Methods

- Multi-factor Authentication - RADIUS and One Time Passwords (OTP)
- Multi-factor Authentication – Smart Card Authentication
- Federated Authentication

Module 6: Planning: App and Data Security

- Introduction to Application Security
- Preventing Jailbreak Attacks
- Minimizing the Impact of Attacks

Module 7: Planning: Virtual Delivery Agent Security

- Transport Layer Security (TLS) Virtual Delivery Agent (VDA) Encryption
- Microsoft Group Policy Objects (GPOs) and Citrix Policies
- Image Management

Module 8: Introduction to Troubleshooting

- Troubleshooting Methodology
- Resource Tools and Utilities
- Introduction to PowerShell

Module 9: Troubleshoot Access Issues

- Troubleshooting StoreFront
- Citrix ADC and Citrix Gateway – Workflow and Troubleshooting Overview
- Citrix ADC and Citrix Gateway - Troubleshooting Access and Authentication
- Citrix ADC and Citrix Gateway - Troubleshooting App/Desktop Launch

Module 10: Troubleshoot Delivery Controller Issues

- Validating FlexCast Management Architecture (FMA) Services

Module 11: Troubleshoot Virtual Delivery Agent (VDA) Registration Issues

- Troubleshooting Virtual Delivery Agent (VDA) Registration

Module 12: Troubleshoot HDX Connection Issues

- Troubleshooting HDX Connections

Module 13: Introduction to Workspace Environment Management (WEM)

- WEM Features and Benefits

Module 14: Planning – WEM Architecture and Component Communications

- WEM On-Premises Components and Deployments
- WEM Service Components and Deployments

-WEM Component Communication Workflows

Module 15: Planning - WEM On-Premises Deployment Installation

- On-Premises WEM: Leading Practice Installation Prerequisites and Steps
- On-Premises WEM: ADMX Template Configuration
- Choosing a Security Principal to run the WEM Infrastructure Service
- Creating the WEM Database
- Running the WEM Infrastructure Service Configuration Utility
- On-Premises WEM: Agent Installation

Module 16: Planning – WEM Service Deployment Installation

- WEM On-Premises vs WEM Service
- WEM Service: Leading Practice Installation Prerequisites and Steps
- WEM Service: ADMX Template Configuration
- WEM Service: Agent Installation

Module 17: Planning – WEM Consoles and Initial Setup

- On-Premises WEM and WEM Service Consoles
- WEM Initial Setup
- Migrating GPO settings to WEM

Module 18: Planning – WEM System and Log On Optimization

- WEM System Optimization Overview
- WEM CPU Management
- WEM Memory Management
- Additional System Optimization Features
- WEM Log On Optimization Overview
- WEM Assigned Actions
- WEM Environmental Settings
- Citrix Profile Management In WEM

Module 19: Planning – WEM Security and Lockdown Features

- WEM Security Management Features
- Privilege Elevation and Process Hierarchy Control
- WEM Transformer

Module 20: Planning - The WEM Agent

- WEM Settings Processing and WEM Agent Caches
- WEM Agent Integration with Citrix Virtual Apps and Desktops and Citrix DaaS

Module 21: Planning – WEM Monitoring, Reporting, and Troubleshooting

- WEM Monitoring and Reporting
- WEM Agent Troubleshooting
- WEM Service Troubleshooting

Module 22: Planning – Upgrading WEM and Migration to WEM Service

- Upgrading Workspace Environment Management
- WEM On-Premises Migration to WEM Service

Module 23: Rolling Out a WEM Deployment

-WEM Agent User Options on Windows Desktops

Module 24: Managing a WEM Deployment

-Measuring WEM Success

INFO

Esame: 1Y0-312 - Citrix Virtual Apps and Desktops 7 Advanced Administration --- Citrix Certified Professional - Virtualization (CCP-V)

Materiale didattico: Materiale didattico ufficiale Citrix in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario

Natura del corso: Operativo (previsti lab su PC)