CITR-2 - CVAD-301 - CITRIX VIRTUAL APPS AND DESKTOPS ADVANCED ADMINISTRATION

Categoria: **Citrix**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 Giorni	Citrix	Citrix Certified Instructor	Professionista IT	Citrix

OBIETTIVI

- How to implement advanced administration concepts such as troubleshooting, backups, disaster recovery, scalability and redundancy for a Citrix Virtual Apps and Desktop Site
- Security considerations and configurations including multi-site management using zones.
- Create, administer, and manage App Layering OS, platform, application, elastic, and user layers.
- Integrate Citrix App Layering Into a Citrix Virtual Apps and Desktop deployment.
- 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 Advanced Config, Redundancy, and Scalability
- Citrix Virtual Apps and Desktops Redundancy and Scalability
- StoreFront and NetScaler Gateway
- Site Infrastructure Redundancy and Scalability
- Machines Running the Virtual Delivery Agent

Module 2: Manage CVAD 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 3: Backups and Disaster Recovery
- Backups
- Disaster Recovery Considerations
- Disaster Recovery Process

Module 4: Advanced Authentication Methods
- Multi-factor Authentication - RADIUS and One Time Passwords (OTP)
- Multi-factor Authentication – Smart Card Authentication
- Federated Authentication

Module 5: App and Data Security
- Introduction to Application Security
- Preventing Jailbreak Attacks
- Minimizing the Impact of Attacks

Module 6: Secure VDAs
- Transport Layer Security (TLS) Virtual Delivery Agent (VDA) Encryption
- Microsoft Group Policy Objects (GPOs) and Citrix Policies
- Image Management

Module 7: Introduction to Troubleshooting
- Troubleshooting Methodology
- Resource Tools and Utilities
- Introduction to PowerShell

Module 8: Troubleshoot Access Issues
- Troubleshooting StoreFront
- Troubleshooting NetScaler Gateway
- Troubleshooting Access and Authentication
- Troubleshooting App/Desktop Launch

Module 9: Troubleshoot Delivery Controller Issues
- Validating FlexCast Management Architecture (FMA) Services

Module 10: Troubleshoot Virtual Delivery Agent (VDA) Registration Issues
- Troubleshooting Virtual Delivery Agent (VDA) Registration

Module 11: Troubleshoot HDX Connection Issues
- Troubleshooting HDX Connections

Module 12: Intro to App Layering and Architecture Overview
- Citrix App Layering Introduction
- Architecture

Module 13: OS Layers
- OS Layers

Module 14: Platform Layers
- Platform Layers

Module 15: App Layers
- App Layers

Module 16: Elastic App Layers and User Layers
- Elastic App Layers
- User Layers

Module 17: Deploy a Layered Image
- Using Layered Images with CVAD

Module 18: Layer Priority and Maintaining an App Layering Environment
- Layer Priority
- Updating Layers
- Maintaining and Updating the App Layering Environment
- Common Citrix App Layering Considerations and Additional Resources

Module 19: Intro to WEM and Architecture Components
- WEM Features and Benefits
- WEM On-Premises Components and Deployments
- WEM Service Components and Deployments
- WEM Component Communication Workflows
- WEM Service Component Communication Workflows

Module 20: WEM Deployment Install
- On-premises WEM: Leading Practice Installation Prerequisites and Steps
- Creating the WEM Database
- Running the WEM Infrastructure Service Configuration Utility
- WEM On-Premises vs WEM Service
- WEM Service: Leading Practice Installation Prerequisites and Steps
- ADMX Template Configuration
- WEM Agent Installation

Module 21: WEM Consoles and Initial Setup
- On-Premises WEM and WEM Service Consoles
- WEM Web Console
- WEM Initial Setup
- Migrating GPO settings to WEM

Module 22: 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 23: WEM Security and Lockdown Features
- WEM Security Management Features
- Privilege Elevation and Process Hierarchy Control
- WEM Transformer

Module 24: Planning – The WEM Agent
- WEM Settings Processing and WEM Agent Caches
- WEM Agent Integration with Citrix Virtual Apps and Desktops and Citrix DaaS

Module 25: WEM Monitoring, Reporting, and Troubleshooting
- WEM Monitoring and Reporting
- WEM On-Premises Troubleshooting
- WEM Service Troubleshooting
- WEM Agent Troubleshooting

Module 26: Upgrading WEM and Migration to WEM Service
- Upgrading Workspace Environment Management
- WEM On-Premises Migration to WEM Service

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)