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: CCP-V - Citrix Virtual Apps and Desktops 7 Advanced Administration --- Citrix Certified Professional - Virtualization
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)