CITR-2 - CTX-314 - CITRIX ENTERPRISE DEPLOYMENT, MONITORING AND TROUBLESHOOTING COMBO

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 backups, disaster recovery, scalability, and redundancy for a Citrix Virtual Apps and Desktop Site
-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.
-Identify tools available for monitoring and troubleshooting Citrix Virtual Apps and Desktop.
-Examine advanced use cases for Citrix Director, including infrastructure monitoring, application probing, session recording, and integration with NetScaler Console/HDX Insight.
-Install, Configure, and Manage Citrix uberAgent.
-Understand advanced architectures and communication flows to aid with troubleshooting a Citrix Virtual Apps and Desktop Site.

PREREQUISITI

Strong foundational knowledge of:
-Windows Server and Desktop operating systems.
-Active Directory, Policies, Profiles, Networking and Hypervisors.

CONTENUTI

Module 1: Introduction to CVAD Advanced Configuration, 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: 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 5: WEM Deployment and Initial Installation

- -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
- -WEM Consoles
- -WEM Initial Setup

Module 6: 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 7: WEM Security and Lockdown Features

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

Module 8: The WEM Agent

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

Module 9: WEM Monitoring, Reporting, and Troubleshooting

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

Module 10: Upgrading WEM and Migration to WEM Service
-Upgrading Workspace Environment Management
-WEM On-Premises Migration to WEM Service

Module 11: Intro to App Layering and Architecture Overview
-Citrix App Layering Introduction
-Citrix App Layering Architecture

Module 12: OS, Platform, and App Layers
-The OS Layers
-The Platform Layers
-The App Layers

Module 13: Elastic App Layers and User Layers
-Elastic App Layers
-User Layers

Module 14: 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 15: Citrix Tools for Monitoring, Troubleshooting, and Automation
-Introduction to Support a Citrix Virtual Apps and Desktops Site
-Tools for Monitoring and Troubleshooting
-Tools for Automation

Module 16: Monitoring CVAD with Citrix Director
-Citrix Director Introduction
-Monitor and Interact with Users Sessions
-Infrastructure Monitor
-Application and Desktop Probing
-Cost Optimization
-Citrix Director and NetScaler Gateway

Module 17: Activity Monitoring with Session Recording
-Session Watermark
-Session Recording

Module 18: Citrix Director and NetScaler Console Integration
-Introduction to NetScaler Console
-Insight Monitoring
-Integrate Citrix Director with NetScaler Console

Module 19: Install, Configure, and Manage Citrix uberAgent

-Introduction to Citrix uberAgent
-Splunk
-Architecture Overview
-Architecture Deep Dive
-Installing and Configuring uberAgent
-uberAgent – Endpoint Configuration
-Dashboards
-Alert and Reporting
-Logging and Troubleshooting

Module 20: Introduction to Troubleshooting

-Introduction to PowerShell
-Architecture and Communication

Module 21: Troubleshoot Access Issues

-Troubleshooting StoreFront
-Troubleshooting NetScaler Gateway
-Troubleshooting Access and Authentication
-Troubleshooting App/Desktop Launch

Module 22: Troubleshoot Delivery Controller Issues

-Validating FlexCast Management Architecture (FMA) Services

Module 23: Troubleshoot Virtual Delivery Agent (VDA) Registration Issues

-Troubleshooting VDA Registration

Module 24: Troubleshoot HDX Connection Issues

-Troubleshooting HDX Connections
-Installing Scout EMS, ELIAS, and Scout Board

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)