Deploy and Manage Citrix ADC 13.x with Citrix Gateway

Description

Expand your Citrix networking knowledge and skills by enrolling in this five-day course. It covers Citrix ADC essentials, including secure load balancing, high availability and operations management, and also focuses on Citrix Gateway. You will learn to deliver secure remote access to apps and desktops integrating Citrix Virtual Apps and Citrix Desktops with Citrix Gateway.

Course Content
Module 1: Getting Started

- Lesson 1: Introduction to Citrix ADC
- Lesson 2: Feature and Platform Overview
- Lesson 3: Deployment Options
- Lesson 4: Architectural Overview
- Lesson 5: Setup and Management

Module 2: Basic Networking

- Lesson 1: Networking Topology
- Lesson 2: Citrix ADC Components Routing
- Lesson 4: Access Control Lists

Module 3: ADC Platforms

- Lesson 1: Citrix ADC MPX
- Lesson 2: Citrix ADC VPX
- Lesson 3: Citrix ADC CPX
- Lesson 4: Citrix ADC SDX
- Lesson 5: Citrix ADC BLX

Module 4: High Availability

- Lesson 1: Citrix ADC High Availability
- Lesson 2: High Availability
- Lesson 3: Configuration
- Lesson 4: Managing High Availability
- Lesson 5: In Service Software upgrade
- Lesson 6: Troubleshooting High Availability

Module 5: Load balancing

- Lesson 1: Load Balancing Overview
- Lesson 2: Load Balancing Methods and Monitors
- Lesson 3: Load Balancing Traffic Types
- Lesson 4: Load Balancing Protection
- Lesson 5: Priority Load Balancing

- Lesson 6: Load Balancing Troubleshooting

Module 6: SSL Offloading

- Lesson 1: SSL Overview
- Lesson 2: SSL Configuration
- Lesson 3: SSL Offload
- Lesson 4: Troubleshooting SSL Offload
- Lesson 5: SSL Vulnerabilities and Protections

Module 7: Security

- Lesson 1: Authentication, Authorization, and Auditing
- Lesson 2: Configuring External Authentication
- Lesson 3: Admin Partitions

Module 8: Monitoring and Troubleshooting

- Lesson 1: Citrix ADC Logging
- Lesson 2: Monitoring with SNMP
- Lesson 3: Reporting and Diagnostics
- Lesson 4: AppFlow Functions
- Lesson 5: Citrix Application Delivery Management Troubleshooting

Module 9: Citrix Gateway

- Lesson 1: Introduction to Citrix Gateway
- Lesson 2: Advantages and Utilities of Citrix Gateway
- Lesson 3: Citrix Gateway Configuration
- Lesson 4: Common Deployments

Module 10: AppExpert Expressions

- Lesson 1: Introduction to AppExpert Policies
- Lesson 2: Default Policies
- Lesson 3: Explore Citrix ADC Gateway Policies
- Lesson 4: Policy Bind Points
- Lesson 5: Using AppExpert with Citrix Gateway

Module 11: Authentication, Authorization, and Secure Web Gateway

- Lesson 1: Authentication and Authorization
- Lesson 2: Multi-Factor Authentication
- Lesson 3: nFactor Visualizer
- Lesson 4: SAML authentication

Module 12: Managing Client Connections

- Lesson 1: Introduction to Client Connections
- Lesson 2: Session Policies and Profiles
- Lesson 3: Pre and Post Authentication Policies
- Lesson 4: Citrix Gateway Deployment Options
- Lesson 5: Managing User Sessions

Module 13: Integration for Citrix Virtual Apps and Desktops

- Lesson 1: Virtual Apps and Desktop Integration
- Lesson 2: Citrix Gateway Integration
- Lesson 3: Citrix Gateway WebFront
- Lesson 4: ICA Proxy
- Lesson 5: Clientless Access and Workspace App
- Lesson 6: Access Fallback
- Lesson 7: SmartControl and SmartAccess for ICA

Module 14: Configuring Citrix Gateway

- Lesson 1: Working with Apps on Citrix Gateway
- Lesson 2: RDP Proxy
- Lesson 3: Portal Themes and EULA

Documentation

- Digital courseware included

Exam

- This course prepares you to the Citrix CCA-N exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- IT Professionals working with Citrix ADC and Gateway
- Engineers, and architects interested in learning how to deploy or manage Citrix ADC or Citrix Gateway environments

Prerequisites

- Little to no previous experience with Citrix ADC
- A basic understanding of of TCP/IP, HTTP, and of the OSI model, network devices, and networking protocols

Objectives

- Identify the functionality and capabilities of Citrix ADC and Citrix Gateway
- Explain basic Citrix ADC and Gateway network architecture
- Identify the steps and components to secure Citrix ADC
- Configure Authentication, Authorization, and Auditing
- Integrate Citrix Gateway with Citrix Virtual Apps, Citrix Virtual Desktops and other Citrix components

Niveau
Intermédiaire
Classroom Registration Price (CHF)

4200
Virtual Classroom Registration Price (CHF)
4200
Duration (in Days)
5
Reference
CIT-CNS-227