

# Deploy and Manage Citrix ADC 13.x with Citrix Gateway («CNS227»)

In this course you will learn to deliver secure remote access to apps and desktops integrating Citrix Virtual Apps and Citrix Desktops with Citrix Gateway.

**Duration:** 5 days

**Price:** 4'500.–

**Course documents:** Original electronic Citrix courseware (eCourseware), including 1 Citrix exam voucher and 1 e-learning subscription

## Content

1. Module: Getting Started
  - Introduction to Citrix ADC
  - Feature and Platform Overview
  - Deployment Options
  - Architectural Overview
  - Setup and Management
2. Module: Basic Networking
  - Networking Topology
  - Citrix ADC Components
  - Routing
  - Access Control Lists
3. Module: ADC Platforms
  - Citrix ADC MPX
  - Citrix ADC VPX
  - Citrix ADC CPX
  - Citrix ADC SDX
  - Citrix ADC BLX
4. Module: High Availability
  - Citrix ADC High Availability
  - High Availability Configuration
  - Managing High Availability
  - In Service Software Upgrade
  - Troubleshooting High Availability
5. Module: Load balancing
  - Load Balancing Overview
  - Load Balancing Methods and Monitors
  - Load Balancing Traffic Types
  - Load Balancing Protection
  - Priority Load Balancing
  - Load Balancing Troubleshooting
6. Module: SSL Offloading
  - SSL Overview
  - SSL Configuration
  - SSL Offload
  - Troubleshooting SSL Offload
  - SSL Vulnerabilities and Protections
7. Module: Security
  - Authentication, Authorization, and Auditing
  - Configuring External Authentication
  - Admin Partitions

8. Module: Monitoring and Troubleshooting
  - o Citrix ADC Logging
  - o Monitoring with SNMP
  - o Reporting and Diagnostics
  - o AppFlow Functions
  - o Citrix Application Delivery Management
  - o Troubleshooting
9. Module: Citrix Gateway
  - o Introduction to Citrix Gateway
  - o Advantages and Utilities of Citrix Gateway
  - o Citrix Gateway Configuration
  - o Common Deployments
10. Module: AppExpert Expressions
  - o Introduction to AppExpert Policies
  - o Default Policies
  - o Explore Citrix ADC Gateway Policies
  - o Policy Bind Points
  - o Using AppExpert with Citrix Gateway
11. Module: Authentication, Authorization, and Secure Web Gateway
  - o Authentication and Authorization
  - o Multi-Factor Authentication
  - o nFactor Visualizer
  - o SAML authentication
12. Module: Managing Client Connections
  - o Introduction to Client Connections
  - o Session Policies and Profiles
  - o Pre and Post Authentication Policies
  - o Citrix Gateway Deployment Options
  - o Managing User Sessions
13. Module: Integration for Citrix Virtual Apps and Desktops
  - o Virtual Apps and Desktop Integration
  - o Citrix Gateway Integration
  - o Citrix Gateway WebFront
  - o ICA Proxy
  - o Clientless Access and Workspace App
  - o Access Fallback
  - o SmartControl and SmartAccess for ICA
14. Module: Configuring Citrix Gateway
  - o Working with Apps on Citrix Gateway
  - o RDP Proxy
  - o Portal Themes and EULA

## Key Learnings

- Identifying the functionality and capabilities of Citrix ADC and Citrix Gateway
- Explaining basic Citrix ADC and Gateway network architecture
- Identifying the steps and components to secure Citrix ADC
- Configuring Authentication, Authorization, and Auditing
- Integrating Citrix Gateway with Citrix Virtual Apps, Citrix Virtual Desktops and other Citrix components

## Target audience

This course is aimed at IT Professionals working with Citrix ADC and Gateway, with little or no previous Citrix networking experience. Potential students include administrators, engineers, and architects interested in learning how to deploy or manage Citrix ADC or Citrix Gateway environments.

## Certification

This course contains an exam voucher.

Associated Exam:

[Deploy and Manage Citrix ADC 13 with Citrix Gateway](#)

Associated Certification:

CCA-AppDS Citrix Certified Associate – App delivery and Security

## Additional information

In this course you will receive electronic course materials. The documents will be sent to the address you provide when you register. Please bring your own tablet or laptop so that you can read the contents and exercises in parallel to the course or save the documents at the right place.

## Further courses

- [Citrix ADC 12.x Advanced Topics – Secure Web Applications](#)
- [Citrix ADC 12.x Advanced Topics-Management and Optimization](#)
- [Citrix ADC 12.x Advanced Concepts – Security, Management and Optimization \(«CNS320»\)](#)

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on [www.digicomp.ch/courses-digital-transformation-technologies/cloud/underlying-technologies/course-deploy-and-manage-citrix-adc-13-x-with-citrix-gateway](http://www.digicomp.ch/courses-digital-transformation-technologies/cloud/underlying-technologies/course-deploy-and-manage-citrix-adc-13-x-with-citrix-gateway)