

# CNS-222 Citrix ADC 12.x Essentials and Citrix Gateway

## Course Overview

This is a 5-day class

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.



This course is best suited for IT professionals, with little or no previous Citrix networking experience, who will be deploying or managing Citrix ADC, or Citrix Gateway environments. Note: This course provides one free exam voucher upon completion of training.

## Who Should Attend

Built for 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.

## Course 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

## Course Outline

### 1 Introduction to Citrix Networking

Introduction to Citrix ADC  
Feature and Platform Overview  
Deployment Options  
Architectural Overview  
Setup and Management

### 2 Networking Topologies

Citrix networking components  
Routing  
Access Control Lists

### 3 Citrix Networking Platforms

Citrix MPX  
Citrix VPX  
Citrix CPX  
Citrix SDX

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## 4 Citrix ADC High Availability

Citrix ADC High Availability  
High Availability Configuration  
Managing High Availability  
Troubleshooting High Availability

## 5 Load Balancing

Load Balancing Overview  
Load Balancing Methods and Monitors  
Load Balancing Traffic Types  
Load Balancing Protection  
Load Balancing Troubleshooting

## 6 SSL Offload

SSL Overview  
SSL Configuration  
SSL Offload  
Troubleshooting SSL Offload  
SSL Vulnerabilities and Protections

## 7 Citrix ADC Logging

Monitoring with SNMP  
Reporting and Diagnostics  
AppFlow Functions  
Citrix Application Delivery Management  
Troubleshooting

## 8 Citrix Gateway

Introduction to Citrix Gateway  
Advantages and Utilities of Citrix Gateway  
Citrix Gateway Configuration

## 9 Classic Policies

Introduction to Unified Gateway  
Advantages and Utilities of Unified Gateway  
Unified Gateway Configuration

## 10 AppExpert Expressions

Introduction to AppExpert Policies  
Classic v. Default Policies  
Explore Citrix ADC Gateway Policies  
Policy Bind Points

## 11 Rewrite, Responder, and URL Transformation

Rewrite Policies  
Responder Policies  
DNS Rewrite and Responder  
URL Transformation

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## 12 Managing Client Connections

- Introduction to Client Connections
- Session Policies and Profiles
- Pre and Post Authentication Policies
- Citrix Gateway Deployment Options

## 13 Integration for Citrix Virtual Apps and Desktops

- Virtual Apps and Desktop Integration
- Citrix Gateway Integration
- Citrix Gateway WebFront
- ICA Proxy
- Clientless Access and Receiver
- Access Fallback
- SmartControl and SmartAccess for ICA

## 14 Configuring Citrix Gateway

- Working with Apps on Citrix Gateway
- RDP Proxy
- Portal Themes and EULA