

## EDUCATION

# CNS-319: Citrix ADC 12.x Advanced Concepts - Management and Optimization

### Certification:

None

### Instructional Method:

Classroom, Virtual or On-Demand

### Course Length:

2 Days

Master the deployment and usage of Citrix Application Delivery Management with this two-day management and optimization course. You'll gain the skills needed to automate and manage network services for scale out of application architectures, and to optimize Citrix ADC-managed application delivery traffic. The curriculum focuses on centrally managing multiple Citrix ADC platforms, orchestrating configuration changes, reporting on transactions, visualizing infrastructure and planning infrastructure expansion. You will also learn how to implement Citrix ADC features, including caching, frontend optimization, Citrix ADC web logging and TCP/HTTP optimization, to optimize traffic managed by your Citrix networking environment.

### What you'll learn

- Manage multiple Citrix ADC platforms centrally
- Orchestrate configuration changes
- Report on transactions passing through the Citrix ADC environment
- Visualize infrastructure and plan expansion

### Versions covered

This course is currently on Citrix ADC version 12.x, but is still applicable for learners of previous versions of the product.

### Prerequisite knowledge

Citrix recommends students prepare for this course by taking the following course/courses:

**CNS-225:** Deploy and Manage Citrix ADC 13.x with Traffic Management

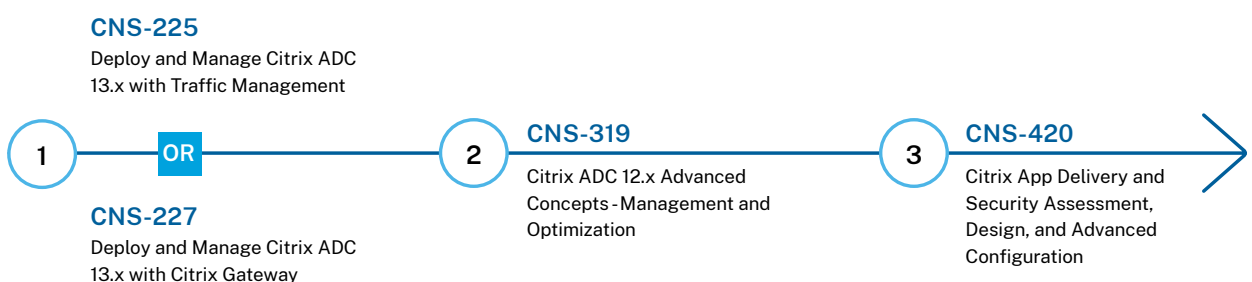
or

**CNS-227:** Deploy and Manage Citrix ADC 13.x with Citrix Gateway

### Is this course for me?

This course is designed for students with previous Citrix ADC experience, and best suited for individuals who will be deploying Citrix Application Delivery Management to administer a Citrix Networking environment or optimize Citrix ADC-managed application delivery traffic.

### Learning Path



## Module 1: Citrix Application Delivery

- Management Introduction
- An introduction to Application Delivery Management
- Application Delivery Management Deployment and Configuration
- Deploying Application Delivery Management in High Availability
- Application Delivery Management Instance Management

## Module 2: Managing and Monitoring

- Application Delivery Management
- Inventory Management
- User Management
- Analytics and Automation
- SSL Certificate Management

## Module 3: Managing Citrix ADC Configuration

- Application Management
- StyleBooks
- Configuration Management

## Module 4: Citrix ADC Web Logging

- Understanding Web Traffic
- Installing and configuring Citrix ADC Web Logging
- Troubleshooting Citrix ADC Web Logging

## Module 5: Citrix ADC Integrated Caching

- Introduction to Integrated Caching
- Static and Dynamic Content
- Request and Response Process Flow
- Understanding Cache Policies
- Identifying Content Group Settings

## Module 6: Front-End Optimization

- Improving Content Delivery
- Front-End Optimization Use Cases
- Understanding Minification
- CSS Optimizations

## Module 7: Tuning and Optimizations

- Connections on the Citrix ADC
- Connection Profiles
- Queuing on the Citrix ADC
- Connection Tuning Practices



### Enterprise Sales

North America | 800-424-8749

Worldwide | +1 408-790-8000

### Locations

Corporate Headquarters | 851 Cypress Creek Road, Fort Lauderdale, FL 33309, United States

Silicon Valley | 4988 Great America Parkway, Santa Clara, CA 95054, United States

©2021 Citrix Systems, Inc. All rights reserved. Citrix, the Citrix logo, and other marks appearing herein are property of Citrix Systems, Inc. and/or one or more of its subsidiaries, and may be registered with the U.S. Patent and Trademark Office and in other countries. All other marks are the property of their respective owner(s).