



**Arrow ECS Finland Oy - Education Services**

## **TRAINING OFFERING**

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## Citrix ADC Advanced Concepts – Secure Web Applications

CODE:	LENGTH:	PRICE:
CTX_CNS-318	24 Hours (3 days)	€2,350.00

### Description

In this expert level 5-day training course you will be exposed to advanced networking and Citrix ADC concepts and configurations. Through lecture, lab exercises, and real-world case studies, you will learn to look critically at environment requirements, constraints, and business drivers to create a complex Citrix networking solution. Topics to be covered in this course include multi-site and multitenant deployments, advanced authentication and load balancing, and automation and orchestration and advanced troubleshooting. This training will also prepare you for the Citrix Certified Expert in Networking (CCE-N) exam.

### Objectives

- How to identify and prioritize business drivers, constraints, and requirements using the Citrix Consulting methodology
- Assess environment requirements and learn to apply leading design principles to address them in a multi-site Citrix ADC deployment
- Apply advanced authentication and load balancing principles

### Audience

Built for IT Professionals with extensive networking and Citrix ADC experience.  
This course is built for IT Professionals who are responsible for defining the overall structure or architecture of a Citrix networking environment.  
This course encompasses advanced Citrix networking configurations and leading Citrix design principles.

### Prerequisites

This course assumes that the student has significant networking and Citrix Networking experience.  
Citrix recommends a comprehensive understanding of basic and intermediate Citrix ADC features and functionalities.  
Proficiency in the topics covered in CNS-220; CNS-222; and CNS-320 is strongly recommended.

### Programme

## Module 1: Networking Methodology and Assessment

Understanding the Citrix methodology  
Business Drivers and Requirements  
User Segmentation  
Application Assessment  
Capabilities Assessment

## Module 2: Citrix Networking Deployment Architecture and Topology

Multi-Site Deployments  
Multi-Tenant Infrastructure  
Cloud Deployments  
High Availability  
Citrix ADC Double-Hop Scenarios  
Secure Web Gateway

## Module 3: Advanced Authentication and Authorization

Authorization Policies  
Access Policies  
Advanced Authentication Options  
Multi-Factor Authentication  
nFactor Authentication  
AAA Session Management

## Module 4: Citrix ADC Security Authorization

Pre-authentication and Endpoint Analysis Scans  
Protection against Layer 4-7 Attacks  
Web App Firewall

## Module 5: Citrix Gateway Configuration Considerations

ICA Proxy Configuration  
VPN Access  
Clientless Access  
Split Tunneling  
RDP Proxy Deployment and Configuration

## Module 6: Advanced Load Distribution and Link Load balancing

Advanced Load Balancing  
Link Load Balancing  
Firewall Load Balancing  
Microsoft Exchange Load Balancing  
Advanced Global Server Load Balancing  
Global Server Load Balancing Persistence  
DNS, Policies, Expressions, Actions, and Views  
GSLB Monitoring and Considerations

## Module 7: Application Delivery Management

Automation and Orchestration  
Application Delivery Management Outbound  
Traffic Dashboard  
Automation  
Orchestration  
Configuration Jobs  
Configuration Audit/NITRO API  
StyleBooks (Net-new)

## Test and Certification

CCE-N

## Session Dates

Aikataulutamme kiinnostuksen mukaan. [Ota yhteyttä](#)

## Additional Information

This training is also available as onsite training. Please contact us to find out more.

