



**Arrow ECS Finland Oy - Education Services**

## **TRAINING OFFERING**

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# CNS-420: Citrix Networking Assessment, Design, and Advanced Configuration

CODE:	LENGTH:	PRICE:
CTX_CNS-420	40 Hours (5 days)	€3,695.00

## 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	Module 2: Citrix Networking Deployment Architecture and Topology
Understanding the Citrix methodology	Multi-Site Deployments
Business Drivers and Requirements	Multi Tenant Infrastructure
User Segmentation	Cloud Deployments
Application Assessment	High Availability
Capabilities Assessment	Citrix ADC Double-Hop Scenarios
Module 3: Advanced Authentication and Authorization	Secure Web Gateway
Authorization Policies	
Access Policies	
Advanced Authentication Options	
Multi-Factor Authentication	
nFactor Authentication	
AAA Session Management	
Module 4: Citrix ADC Security Authorization	Module 5: Citrix Gateway Configuration Considerations
Pre-authentication and Endpoint Analysis Scans	ICA Proxy Configuration
Protection against Layer 4-7 Attacks	VPN Access
Web App Firewall	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.](#)