



CITRIX ENTERPRISE SECURITY SOLUTIONS

DURATION: 5 DAYS

COURSE OVERVIEW

Learn to secure your Citrix environment in this hands-on course that encompasses the core Citrix technologies, including Citrix Virtual Apps and Desktops, ADC, Endpoint Management, Content Collaboration and Citrix Cloud.

Explore potential security gaps in your environment and learn how to mitigate these through a comprehensive look at the Citrix technologies.

Topics include application and data security, Citrix authentication, authorization, and auditing workflows, operating system hardening, mitigation against network vulnerabilities, hypervisor security, and methods to secure Citrix traffic.

TARGET AUDIENCE

Built for IT Professionals working with previous Citrix Virtual Apps and Desktops, Citrix ADC, Citrix Endpoint Management, Citrix Cloud, and/or Citrix Content Collaboration.).

Potential students include: administrators, engineers, and architects interested in securing a Citrix environment.

COURSE OBJECTIVES

1. Understand Citrix authentication and authorization workflows with multifactor authentication
2. Identify methods for desktop and application hardening with registry and policy lockdowns
3. Identify network attacks and learn how to protect your network and mobile environment
4. Learn to optimize monitoring and operations with Citrix leading security practices

COURSE CONTENT

Networking (Days 1-2)

1. Module 1: Citrix ADC Network Topology and SSL Offload
2. Module 2: Citrix Gateway Authentication and Authorization
3. Module 3: Citrix Web App Firewall Overview
4. Module 4: Citrix ADC Attacks and Protections
5. Mobility (Day 3)
6. Module 5: Citrix Endpoint Management Introduction
7. Module 6: Citrix Endpoint Management Citrix ADC Integration
8. Module 7: Citrix Endpoint Management Encryption
9. Module 8: Citrix Endpoint Management Server Console
10. Module 9: Managing Security
11. Module 10: Secure Apps
12. Module 11: Citrix Content Collaboration Introduction
13. Module 12: Storage Zones
14. Module 13: Citrix Content Collaboration Citrix ADC Integration
15. Module 14: Authentication
16. Module 15: Data Loss Prevention
17. Virtualization (Days 4-5)
18. Module 16: Securing Traffic in a Citrix Virtual Apps and Desktops Environment
19. Module 17: Implementing Advanced Authentication Methods for Virtual App sand Desktops
20. Module 18: Improving App and Data Security
21. Module 19: Implementing Virtual Apps and Desktops Operating System Hardening
22. Module 20: Hypervisor Security
23. Module 21: Monitoring and Operations

COURSE PREREQUISITES

Recommended courses, or equivalent field experience, include knowledge of the topics covered in:

1. CXD-210 Citrix Virtual Apps and Desktops 7.1x Administration
2. CNS-220 Citrix ADC 12.x Essentials and Traffic Management or CNS-222 Citrix ADX 12.x Essentials and Citrix Gateway
3. CXM-303 Deploying Enterprise Mobility Solutions with Citrix Endpoint Management
4. CSF-201 Citrix Content Collaboration Enterprise Essentials

5. CXD-250 Moving to the Citrix Virtual Apps and Desktops Service on Citrix Cloud