

Certification: [Citrix Security Certified](#) | Course Length: [5 days](#) | Method: [Classroom or Virtual with hands-on labs](#)

Course Overview:

Learn to secure your Citrix environment in this hands-on course that encompasses the core Citrix technologies, including XenApp and XenDesktop, NetScaler, XenMobile, ShareFile, 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.

What you'll learn:

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

Is this course for you?

Built for IT Professionals familiar with the following products XenApp, XenDesktop, NetScaler, XenMobile, and/or ShareFile. Potential students include: administrators, engineers, and architects interested in securing a Citrix environment.

Citrix Technologies Covered:

- XenApp/XenDesktop 7.13
 - NetScaler 12.0
- XenMobile 10.5
 - ShareFile
 - Citrix Cloud

Prerequisite Knowledge:

Citrix recommends students have basic understanding, and hands-on experience with installing and configuring XenApp, XenDesktop, Citrix Cloud, NetScaler, XenMobile, or ShareFile.

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

- **CXD-210** XenApp and XenDesktop 7.1x Administration
- **CNS-220** Citrix NetScaler Essentials and Traffic Management
or **CNS-222** Citrix NetScaler Essentials and Unified Gateway
- **CXM-303** Deploying Enterprise Mobility Solutions with Citrix XenMobile
- **CSF-201** Citrix ShareFile Enterprise Essentials
- **CXD-250** Moving to XenApp and XenDesktop Service on Citrix Cloud

Citrix Enterprise Security Solutions

Networking (Days 1-2)

[Module 1](#): NetScaler Network Topology and SSL Offload

[Module 2](#): NetScaler Gateway Authentication and Authorization

[Module 3](#): NetScaler Application Firewall Overview

[Module 4](#): NetScaler Attacks and Protections

Mobility (Day 3)

[Module 5](#): XenMobile Introduction

[Module 6](#): XenMobile NetScaler Integration

[Module 7](#): XenMobile Encryption

[Module 8](#): XenMobile Server Console

[Module 9](#): Managing Security

[Module 10](#): Secure Apps

[Module 11](#): ShareFile Introduction

[Module 12](#): StorageZones

[Module 13](#): ShareFile NetScaler Integration

[Module 14](#): Authentication

[Module 15](#): Data Loss Prevention

Virtualization (Days 4-5)

[Module 16](#): Securing Traffic in a XenApp/XenDesktop environment

[Module 17](#): Implementing Advanced Authentication Methods for XenApp and XenDesktop

[Module 18](#): Improving App and Data Security

[Module 19](#): Implementing XenApp/XenDesktop Operating System Hardening

[Module 20](#): Hypervisor Security

[Module 21](#): Monitoring and Operations