

# CXM-303 Deploying Enterprise Mobility Solutions with Citrix Endpoint Management

## Course Overview

This is a 5-day class

Begin your enterprise mobility management (EMM) journey with this five-day introduction to Citrix Endpoint Management. You will learn how to stand up a highly available Endpoint Management deployment and conduct initial configurations. Delve into the Citrix Endpoint Management architecture and explore the many device and application management options to address your enterprise mobility needs. In this course you will gain the skills and understanding needed to deploy key components. You will also learn how to integrate Citrix Endpoint Management with other Citrix technologies such as Citrix Virtual Apps and Desktops, Citrix ADC, and Citrix Content Collaboration. Take a tour of the Citrix Secure applications available and learn about your device enrollment and troubleshooting options. Note: This course provides one free exam voucher upon completion of training.

## Who Should Attend

Built for IT Professionals interested in learning how to implement Citrix Endpoint Management features using leading practices. Potential students include Administrators, Implementers/Engineers, and Architects.

## Course Objectives

- How to deploy Endpoint Management Enterprise end-to-end architecture and identify each component in the solution for the specific use case
- Understand Endpoint Management authentication options including PKI “certificate based authentication”
- How to install mobile applications: MDX, Web & SaaS, Web Link, Public App Store Enterprise Apps
- How to integrate with Citrix Gateway, Load Balancing, SSL Tunneling microVPN (mVPN), and SSL Bridge

## Other Prerequisites

CXM-101 XenMobile Foundations

## Course Outline

### 1 Introduction to Citrix Endpoint Management

Enterprise Mobility Management Overview  
Citrix Endpoint Management – New Features  
Citrix Endpoint Management Benefits Overview  
Introduction to Endpoint Management Editions

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## 2 Citrix Endpoint Management Architecture

Citrix Endpoint Management Server Architecture  
Citrix Endpoint Management Traffic Flow  
Citrix Endpoint Management Cloud

## 3 Citrix Endpoint Management New Deployment Installation

Endpoint Management Licensing  
Endpoint Management Server Prerequisites  
Deployment Process Flow  
Endpoint Management First Time Use Wizard Overview  
Endpoint Management Clustering  
Endpoint Management Upgrade Process

## 4 Initial Configuration

Endpoint Management Web Console  
Initial Configuration (Certificates, Authentication, Citrix ADC integration)  
Delivery Groups  
Role Based Access Control  
Notification Server  
Release Management

## 5 Citrix ADC integration

Citrix ADC Overview  
Endpoint Management Monitoring  
External Authentication NetScaler – Endpoint Management Wizard Overview  
Citrix ADC Overview – Citrix Endpoint Management Policies Overview

## 6 Device Management (Policies)

MDM Policies Overview  
Mobile Platform Capability Overview  
Key Device Policies (Passcode, Location, Credentials)  
App Restrictions  
Policy Deployment Rules

## 7 Application Management (Policies)

MDX Container Technology  
MDX App Interaction  
Key App Container Policies (Interaction, Restrictions, Network)  
App Types (Public, SaaS, Web, Public, Enterprise)  
App Categories

## 8 Device Enrollment

Mobile Device Enrollment Overview  
Enrollment Ports  
iOS Device Enrollment  
Android Device Enrollment  
Windows Device Enrollment Overview  
Device Management

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## 9 Citrix Endpoint Management Apps

- Secure Mail Features and Use
- Secure Web Features and Use
- Secure Notes Features and Use
- ShareConnect Features
- QuickEdit and Secure Tasks Overview
- Application Geofence
- Shared Devices

## 10 Citrix Virtual Apps and Desktops Integration

- XenApp and XenDesktop Overview
- Citrix Endpoint Management - Citrix Virtual Apps and Desktops Integration Architecture
- Citrix Endpoint Management – StoreFront Integration
- Citrix Endpoint Management Citrix Virtual Apps and Desktops User Experience

## 11 Citrix Content Collaboration Integration

- Content Collaboration Overview
- Citrix Endpoint Management – Content Collaboration Integration
- Content Collaboration StorageZones
- Federated Authentication with SAML

## 12 Client Certificate Authentication

- Client Certificate Authentication
- User Certificates
- Importing Client Certificate into Endpoint Management Server
- Endpoint Management Server PKI Configuration
- Client Certificate Citrix ADC Integration

## 13 Logs and Troubleshooting

- Endpoint Management Diagnostics
- Log Operations
- Support Bundles
- Support Pages
- Troubleshooting Tools