

VMware Workspace ONE: Skills for Unified Endpoint Management [V20.x]

Code:	EDU-WS1SUEM20
Length:	3 days
URL:	View Online

In this three-day course, you configure and secure unified endpoint activation, registration, and resource integrations. You learn how to integrate industry-recognized enterprise technologies with the VMware Workspace ONE® UEM (Unified Endpoint Management) console. Through a combination of hands-on labs, simulations, and interactive lectures, you also learn how to configure and manage the endpoint lifecycle. The principles of enterprise mobility and unified endpoint are addressed throughout the course. You will leave the training empowered with the foundational skills and knowledge needed to effectively implement Workspace ONE UEM.

Skills Gained

By the end of the course, you should be able to meet the following objectives:

- Identify and describe major components of the Workspace ONE solution
- Identify and describe the Workspace ONE UEM enterprise and productivity integration components
- Navigate the Workspace ONE UEM console
- Examine integrated components
- Explain integration of Workspace ONE UEM with directory services
- Create and explain environment group structures
- Outline enrollment and endpoint management methods for each endpoint platform
- Configure requirements for Workspace ONE UEM registration and endpoint enrollment
- Enroll and manage mobile devices and endpoints with the VMware Workspace ONE® Intelligence™ Hub application
- Provision and secure applications
- Enable the unified application catalog
- Create and implement profiles and compliance policies
- Explain and issue device commands
- Manage email configurations
- Integrate with content resources and provision access
- Explain and analyze reporting and auditing

- Leverage VMware Workspace ONE® Intelligence™ for advanced reporting and automation
- Apply general troubleshooting techniques
- Implement unified endpoint management with Workspace ONE

Who Can Benefit

Workspace ONE administrators, experienced mobility and identity administrators, account managers, solutions architects, solutions engineers, sales engineers, and consultants.

Prerequisites

This course has no prerequisites.

Course Details

Product Alignment

- VMware Workspace ONE® 20.x
- VMware Workspace ONE UEM 20.x
- VMware Workspace ONE Access® 20.x
- VMware Workspace ONE® Boxer
- VMware Workspace ONE® Content

Outline

Course Introduction

- Introductions and course logistics
- Course objectives

Introduction to Workspace ONE Unified Endpoint Management

- Outline the basic principles and capabilities of Unified Endpoint Management with the Workspace ONE Platform.
- Summarize basic implementation of Workspace ONE UEM
- Investigate Modern Windows Management with Workspace ONE UEM

Workspace ONE UEM Console

- Outline features of the Workspace ONE UEM Console
- Navigate the Workspace ONE UEM Console

Workspace ONE UEM Architecture

- List the common Workspace ONE UEM Integration ComponentsOutline the core components of Workspace ONE UEM
- Outline the benefits of implementing Directory Services Integration
- Summarize the benefits of implementing Certificate Authority Integration
- Describe the benefits of implementing Email SMTP Integration

- Describe the benefits of deploying VMware AirWatch® Secure Email Gateway™
- Explain the purposes of deploying VMware Unified Access Gateway™
- Describe the benefits of deploying VMware Tunnel™
- Summarize the functions of Content Gateway

Mobile Endpoint Enrollment and Management

- Outline UEM options
- Configure Workspace ONE UEM for Endpoint Management
- Enroll Mobile endpoints
- Describe the functions and benefits of the Apple Device Enrollment Program
- Outline the steps to enroll an Android Endpoint into Workspace ONE UEM with the out-of-box enrollment flow

Windows 10 Onboarding

- Outline basic principles of Windows 10 Endpoint Onboarding
- Onboard Windows 10 desktop with basic IT-driven and user-driven enrollment methods
- Outline the steps of configuring Cloud Windows 10 Auto Discover Service
- Summarize the steps of configuring Azure AD integration
- Use Office 365 applications for Windows 10 desktop enrollment

Explain Windows 10 Desktop Out-of-Box Enrollment macOS Onboarding

- Understand the prerequisites for macOS enrollment and onboarding
- Describe several macOS onboarding flows
- Prepare macOS endpoints of staging
- Outline the available user-driven macOS onboarding methods

Securing and Configuring Endpoints

- Summarize the comprehensive endpoint and console security features provided by the Workspace ONE UEM Console
- Assess uses of administrative roles
- Examine the proper use of profiles and resources for endpoint management
- Explain Windows 10 policy management
- Outline product provisioning
- Configure compliance policies
- Manage endpoints with Workspace ONE UEM
- Use the Self-Service Portal to manage an endpoint

Application Access and Security

- Describe the functions and benefits of using application management capabilities in Workspace ONE UEM
- Summarize application management capabilities of Workspace ONE UEM
- Plan a public application management strategy
- Design an application security strategy

- Examine the Windows 10 Business Store Portals role in your application management strategy
- Deploy Win32 applications
- Summarize the benefits of using VMware Workspace ONE® SDK

Email Configurations

- Describe the benefits of managing email with Workspace ONE UEM
- Deploy managed email settings
- Evaluate email integration models
- Support the implementation of VMware AirWatch® Secure Email Gateway™
- Integrate PowerShell
- Support Google Sync integration
- Evaluate email compliance policy strategies
- Describe the features and functionality of the Email Notification Service

Content and Resources Implementation

- Describe the benefits of performing Content Management with Workspace ONE UEM
- Summarize the functions and benefits of Workspace ONE Content application
- Evaluate the benefits of the Workspace ONE Content application
- Access content and repositories from the Workspace ONE Content application
- Support end user use of the personal content feature
- Implement a content management strategy that allows for access on endpoints
- Access internal repositories with the Content Gateway

Workspace ONE Intelligence and UEM Reporting

- Summarize the features and functionality of Workspace ONE Intelligence
- Evaluate the impact Workspace ONE Intelligence can have on a UEM strategy
- Execute a report strategy
- Outline the steps of integrating Syslog with Workspace ONE UEM
- Weigh the benefits of a telecom management