

VMware Workspace ONE- Deploy and Manage [v20.x]

Overview

This course will empower you with the foundational skills and knowledge needed to effectively implement Workspace ONE. In this course, you will configure and secure unified endpoint activation, registration, and authentication and integrate industry-recognized enterprise technologies with VMware Workspace ONE®

Target Audience

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

Course Objectives

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 enterprise integration and productivity components
- Explain the concept of the Digital Workspace and the Digital Workspace experience
- Identify authentication technologies used in Workspace ONE
- Navigate the VMware Workspace ONE® UEM and the VMware Workspace ONE® Access™ consoles
- Install, configure, and validate integrated components
- Explain the integration of the Workspace ONE solution with directory services
- Create and explain environment group structures
- Demonstrate end-user Workspace ONE portal configuration
- Configure Workspace ONE registration and activation
- Enroll and manage mobile devices and endpoints
- Provision and secure applications
- Enable the unified application catalog
- Apply single sign-on and multifactor authentication
- Integrate with virtual desktop infrastructure (VMware Horizon® virtual desktops and applications)
- Create and implement profiles, authentication policies, and role-based access controls
- 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

Course Outline

1 - Course Introduction

Introductions and course logistics
Course objectives

2 - 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

3 - Workspace ONE UEM Console

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

4 - Workspace ONE UEM Architecture

List the common Workspace ONE UEM Integration Components
Outline 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

5 - 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

6 - 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

7 - Securing and Configuring Endpoints

- Summarize the comprehensive endpoint and console security features provided by 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

8 - 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

9 - Email Configurations

- Describe the benefits of managing email with Workspace ONE UEM
- Deploy managed email settings
- Evaluate email integration models
- Support the implementation of 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

10 - 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

11 - 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

12 - Digital Workspace

Evaluate the impact of integrating the Digital Workspace
Outline the core components of Digital Workspace
Evaluate the impact of utilizing virtual desktop infrastructure as part of your UEM strategy

13 - Workspace ONE Access Console

Navigate the Workspace ONE Access Console
Execute directory integration with Workspace ONE Access
Develop an identity and access management strategy

14 - Workspace ONE Platform Architecture

Evaluate Workspace ONE deployment options
Describe the VMware recommended Workspace ONE Architecture
Examine High Availability and Disaster Recovery options

15 - Digital Workspace Integration

Integrate Directory Services with Workspace ONE UEM and Workspace ONE Access
Synchronize users and groups from Directory to Workspace ONE Consoles
Integrate Certificate Authority with Workspace ONE UEM
Outline the steps for performing Digital Workspace integration
Integrate the Digital Workspace
Stage resources for Workspace ONE registration and management
Register and manage endpoints with Workspace ONE
Elevate the management level of an endpoint from Workspace ONE registered to Workspace ONE managed

16 - Productivity Integration

Formulate productivity integration needs
Deploy the Unified Access Gateway
Install and configure VMware Tunnel
Install and configure the VMware Content Gateway
Install and configure AirWatch Secure Email Gateway

17 - Web and Virtual Application Management

Formulate a web and virtual application management strategy
Configure web and virtual applications
Manage web and virtual applications

18 - Single Sign-On for Applications

Describe the single sign-on capability provided by Workspace ONE
Summarize how single sign-on can be used for native mobile applications
Outline the authentication methods supported by Workspace ONE
Evaluate the effectiveness of VMware Workspace ONE® Verify
