

Omnissa Workspace ONE: Deploy and Manage [V22.x]

Course code: VMWWONEDM

In this five-day course, you learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multi-platform endpoint management solution with Omnissa Workspace ONE® UEM. Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint life cycle.

Who is the course for

- Systems Engineers
- Consulting Architects
- Microsoft End-User Computing Specialists

What we teach you

You will learn to apply the fundamental techniques for integrating Omnissa Workspace ONE® Access™ with Workspace ONE UEM to securely distribute business-critical applications and configure access management controls from any device. Through a combination of hands-on labs, simulations, and interactive lectures, you configure enterprise, productivity, and Omnissa Access integrations.

This course lays out the principles of identity and access management. You will leave with a fundamental understanding of how Workspace ONE uses various authentication methods and protocols to determine user access permissions and enable single sign-on.

By the end of this session, attendees should be able to:

- Explain and apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution with Workspace ONE UEM
- Outline the components of Workspace ONE UEM
- Explain the general features and functionality enabled with Workspace ONE UEM
- Summarize basic Workspace ONE administrative functions
- Explain and deploy common Workspace ONE integrations
- Securely deploy configurations to Workspace ONE UEM managed devices
- Onboard device endpoints into Workspace ONE UEM
- Summarize alternative management methodologies for rugged devices
- Discuss strategies to maintain environment and device fleet health
- Configure and deploy applications to Workspace ONE UEM managed devices
- Analyze Workspace ONE UEM deployments
- Enable email access on devices
- Integrate Workspace ONE UEM with content repositories and corporate file shares
- Explain the general features and functionality that Omnissa Access enables
- Summarize and implement Workspace ONE productivity services into the digital workspace environment

Required skills

This course has no prerequisites.

Course outline

1. Course Introduction

Introductions and course logistics

Course objectives

2. Platform Architecture

Summarize the features and functionality of Workspace ONE UEM

Outline the benefits of leveraging Workspace ONE UEM

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Recognize the core and productivity components that make up the Workspace ONE UEM platform

Summarize high availability and disaster recovery for Workspace ONE Solution

3. Administration

Navigate and customize the Workspace ONE UEM console

Summarize the hierarchical management structure

Explain the features and functions of Omnissa Workspace ONE® Hub Services

Outline account options and permissions

4. Enterprise Integrations

Outline the process and needs to integrate with directory services

Explain certificate authentication and practical implementation with Workspace ONE

Explain the benefits of integrating an email SMTP service into the Workspace ONE UEM console

Describe Omnissa Dynamic Environment Manager™ and its architecture

5. Onboarding

Outline the prerequisite configurations in the Workspace ONE UEM environment for onboarding devices for management

Outline the steps for setting up autodiscovery in the Workspace ONE UEM console

Enroll an endpoint through the Omnissa Workspace ONE® Intelligent Hub app

Summarize platform onboarding options

6. Managing Endpoints

Explain the differences between device and user profiles

Describe policy management options for Windows and macOS

Describe the functions and benefits of using compliance policies

Explain the use cases for Freestyle Orchestrator

Describe the capabilities that sensor and scripts enable.

7. Alternative Management Methods

Describe the function and benefits of device staging

Configure product provisioning in the Workspace ONE UEM console

Understand the benefits of deploying a Omnissa Workspace ONE® Launcher™ configuration to Android devices

List the system and device requirements for Linux device management in Workspace ONE UEM

8. Applications

Describe the features, benefits, and capabilities of application management in Workspace ONE UEM

Understand and configure deployment settings for public, internal, and paid applications in the Workspace ONE UEM console

Describe the benefits of using Apple Business Manager content integration

Describe the benefits of using server-to-client software distribution

List the functions and benefits of Omnissa Workspace ONE® SDK

9. Device Email

List the email clients supported by Workspace ONE UEM

Configure an Exchange Active Sync profile in the Workspace ONE UEM console

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Configure Omnissa Workspace ONE® Boxer settings

Summarize the available email infrastructure integration models and describe their workflows

Configure email compliance policies and notifications services

10. Content Sharing

Describe the benefits of using Content Gateway and the Content Gateway workflows

Describe the benefits of integrating content repositories with Workspace ONE UEM

Configure a repository in the Workspace ONE UEM console

11. Maintenance

Manage endpoints from the Device List View and the Device Details View pages

Analyze endpoint deployment and compliance data from Monitor Overview page

12. Omnissa Access

Summarize the benefits of Omnissa Access

Outline the core features and functions enabled by Omnissa Access

Navigate the Omnissa Access console

Explain the functions of directory integration with Omnissa Access

Explain the various types of authentication protocols enabled by Omnissa Access

13. Integrating Workspace ONE UEM and Workspace ONE Access

Explain the rationale for integrating Workspace ONE UEM and Omnissa Access

Outline the process of connecting Workspace ONE UEM and Omnissa Access

Examine the workflow of integrations

Summarize the key features of an integrated solution

14. Productivity Integrations

Identify the functions enabled by Omnissa Unified Access Gateway™

Outline the purpose of the Workspace ONE UEM® Secure Email Gateway™ edge service

Explain the features enabled by the Omnissa Omnissa Workspace ONE® Tunnel edge service

Summarize the capabilities enabled by the Content Gateway edge service

15. SAML 2.0 Authentication

Outline authentication methods supported by Omnissa Access

Summarize the main properties of the SAML protocol

Summarize the SAML authentication workflow

Explain the application single sign-on authentication workflow with SAML

16. Mobile Single Sign-On

Describe the concept of mobile single sign-on

Outline mobile single sign-on workflows

17. Intelligence and Automation

Summarize the features of Omnissa Workspace ONE Intelligence™

Outline the benefits of using Workspace ONE Intelligence

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