

# VMware Workspace ONE: Advanced Integration and Design

## Course Overview

In this five-day, extended hour course, you will learn how to navigate and manage the VMware Identity Manager console. Through a combination of hands-on labs, simulations, and interactive lectures, you will configure enterprise and productivity integration, Digital Workspace integration, authentication methods, access policies, web and virtual resource integrations, and Single Sign-On for a web resource. The principles of identity and access management are addressed throughout the course. You will leave the training empowered with the foundational skills and knowledge needed to effectively implement the Workspace ONE solution to deliver the Digital Workspace experience.

You will learn the fundamentals of VMware Workspace ONE® solution design, which addresses both the general solution design logics, solution design process flow, and the areas of VMware Workspace ONE® UEM use cases. Learn to identify the phases of a Workspace ONE solution design and delivery, review areas of Workspace ONE use cases, and learn how to create solution designs. The principles of Workspace ONE solution design are addressed throughout the course. You will leave the training empowered with the professional-level skills and knowledge needed to effectively create a Workspace ONE solution design to implement your Digital Workspace transformation.

## 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
- Summarize the Workspace ONE deployment architecture
- Explain the High Availability and Disaster Recovery concept for Workspace ONE deployment
- Integrate Workspace ONE UEM with VMware Identity Manager for the Digital Workspace experience
- Identify authentication technologies used in Workspace ONE
- Navigate the VMware Identity Manager console
- Install, configure, and validate integrated components
- Explain integration of Workspace ONE solution with directory services
- Demonstrate end-user Workspace ONE portal configuration
- Leverage the Adaptive Management approach to manage endpoints
- Provision and secure web and virtual applications in the VMware Identity Manager console
- 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 access policies and role-based access controls

- Apply general troubleshooting techniques
- Summarize the main phases in the Workspace ONE product solution design
- Compare a logical design and a physical design
- Identify the main Workspace ONE use cases
- Collect and consolidate the required uses cases and user experiences
- Match use cases with Workspace ONE components
- Create a logical solution architecture based on use cases
- Collect physical requirements for a designed Workspace ONE solution
- Create a physical solution architecture based on the logical design and physical requirements
- Collect additional requirements for integrations
- Create a deployment plan and milestone
- Determine the appropriate Workspace ONE solution end user rollout plan

### Target Audience

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

### Prerequisites

This course requires completion of one of the following courses:

- [VMware Workspace ONE: Deploy and Manage \[V19.x\]](#)

OR

- [VMware Workspace ONE: Skills for Unified Endpoint Management \[V19.x\]](#) and [VMware Workspace ONE: Integrating the Digital Workspace \[V19.x\]](#)

### Course Delivery Options

- Classroom
- Live Online
- [Onsite](#)

### Product Alignment

- Workspace ONE 19.x
- Workspace ONE UEM® 19.x
- VMware Identity Manager 19.x
- VMware Horizon 7.x
- Unified Access Gateway 3

## Course Modules

### 1 Course Overview

### 2 Digital Workspace

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

### 3 VMware Identity Manager Console

- Navigate the VMware Identity Manager Console
- Execute directory integration with VMware Identity Manager
- Develop an identity and access management strategy

### 4 Workspace ONE Platform Architecture

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

### 5 Digital Workspace Integration

- Integrate Directory Services with Workspace ONE UEM and VMware Identity Manager
- Synchronize users and groups from Directory to Workspace ONE Consoles
- Integrate Certificate Authority with Workspace ONE UEM
- Outline the steps of 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

### 6 Productivity Integration

- Formulate productivity integrations needs

- Deploy the Unified Access Gateway
- Install and configure the VMware Tunnel
- Install and configure the VMware Content Gateway
- Install and configure the VMware Secure Email Gateway

### 7 Web and Virtual Application Management

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

### 8 Single Sign-On for Applications

- Describe the Single Sign-On capability provided by Workspace ONE
- Summarize that Single Sign-On can be used for native mobile applications
- Outline the authentication methods supported by Workspace ONE
- Evaluate the effectiveness of Workspace ONE Verify

### 9 Workspace ONE Design Fundamentals

- Summarize the phases in the Workspace ONE product solution design
- Identify the key elements in a logical design
- Identify the key elements in a physical solution design
- Describe the principal concept of planning integrations with Workspace ONE

### 10 Identifying Use Cases

- Identify the key Workspace ONE UEM use cases
- Identify the key VMware Identity Manager use cases
- Identify the key VMware Horizon use cases
- Identify the use cases that involve more than one VMware product
- Describe various end-user experiences
- Collect use-case and user-experience requirements for VMware solution design

### 11 Creating Logical and Physical Designs

- Design the high-level logical solution architecture
- Validate the logical solution architecture
- Identify the hardware, software, and network requirements for the required Workspace ONE components



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 [www.vmware.com](http://www.vmware.com)

© 2019 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.

- Create the physical solution architecture
- Document the physical requirements for the physical solution design
- Collect the requirements for required integrations
- Validate the physical solution architecture

## 12 Workspace ONE Solution Delivery

- Create Workspace ONE solution deployment phases
- Determine project milestones
- Create an execution plan for the Workspace ONE solution deployment
- Determine validating standards for Workspace ONE solution deployment validation
- Design appropriate Workspace ONE solution roll-out plan for end users

## Contact

If you have questions or need help registering for this course, click [here](#).



**VMware, Inc.** 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 [www.vmware.com](http://www.vmware.com)  
© 2019 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.