

## VMware Workspace ONE: Advanced Integration [V20.x]

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<b>Code:</b>	EDU-WS1AI20
<b>Length:</b>	5 days
<b>URL:</b>	<a href="#">View Online</a>

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In this five-day course, you learn about the advanced VMware Workspace ONE® use cases and integrations. The course also addresses the industry standard authentication protocol and technologies that can be integrated with Workspace ONE. Through a combination of hands-on labs, simulations, and interactive lectures, you identify and configure various authentication methods and scenarios, integrations with third-party solutions and identity providers, advanced Workspace ONE component configurations, and both VMware Carbon Black and VMware Horizon® configurations. Also, the principles of advanced identity, endpoint security, and access management are addressed throughout the course. You will leave the training empowered with the professional-level skills and knowledge needed to effectively implement the advanced Workspace ONE integrations to bring your Digital Workspace implementation to the next level.

### Skills Gained

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

- Outline and describe the authentication methods supported by VMware Workspace ONE® Access™ (formerly known as VMware Identity Manager™)
- Summarize how to use Kerberos and SAML authentication protocols in Workspace ONE
- Explain application single sign-on (SSO)
- Outline Office 365 and Azure AD integration with Workspace ONE
- Summarize Okta integration and Workspace ONE Access as an IdP
- Outline the benefits of AD FS and PING integration
- Explain the purpose of identity bridging and IdP chaining
- Compare and contrast traditional versus modern PC Lifecycle Management
- Integrate VMware Horizon with Workspace ONE Access
- Describe the benefits of implementing VMware Workspace Security™

### Who Can Benefit

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

# Prerequisites

This course requires completion of one of the following set of courses:

- Workspace ONE: Deploy and Manage, OR
- VMware Workspace ONE: Skills for Unified Endpoint Management and VMware Workspace ONE: Integrating the Digital Workspace

## Course Details

### Product Alignment

- VMware Workspace ONE® 20.x
- VMware Workspace ONE UEM 20.x
- VMware Workspace ONE Access® 20.x
- VMware Horizon 7.x
- VMware Unified Access Gateway™ 3.x

### Outline

Course Introduction

- Introductions and course logistics
- Course objectives

Authentication Method Deep Dive

- Outline the authentication methods supported by Workspace ONE
- Describe the workflow of:
  - Password Authentication
  - SAML Authentication
  - OAuth2.0 Authentication
  - OpenID Connect Authentication
  - WS-Fed Authentication
  - Certificate Authentication
  - Kerberos Authentication
  - Multifactor Authentication

Mobile Single Sign-On (SSO)

- Describe the benefits of using Mobile SSO
- Outline the workflow of iOS and Android Mobile SSO
- Configure Mobile SSO for iOS native applications
- Configure Mobile SSO for Android native applications

Single Sign-On for Applications

- Summarize the application SSO workflows
- Configure web application SSO with SAML protocol
- Configure web application SSO with OpenID Connect protocol

#### Azure AD and Office 365 Integration

- Describe the benefits of configuring Azure AD and Office 365 SSO with Workspace ONE
- Outline the use cases of integrating Azure AD with Workspace ONE
- Outline the steps of configuring Office 365 SSO with Workspace ONE Access
- Outline the steps of integrating Azure AD with Workspace ONE UEM
- Outline the steps of configuring and managing VMware Horizon® Cloud Service™ on Microsoft Azure

#### Integration with Okta

- Describe the benefits of integrating Okta with Workspace ONE
- Summarize the Okta Integration options when Okta is configured as the identity provider and service provider
- Outline the workflow of Okta integration for various use cases
- Outline the steps of configuring Okta integration for various use cases
- Complete various Okta integration settings in the Workspace ONE console and Okta console

#### Additional 3rd Party IdP Integration

- Summarize the benefits of integrating with AD FS and PING as 3rd party identity providers
- Outline the steps of integrating with AD FS and PING
- Configure a 3rd party identity provider in the Workspace ONE Access console
- Configure authentication methods for the integrated 3rd party identity providers
- Modify access policies to accommodate the integrated 3rd party identity providers

#### Advanced Configurations

- Identify advanced Workspace ONE use cases
- Describe the workflow of UAG identity bridging
- Outline the steps of incorporating IP restrictions into Conditional Access
- Describe the workflow of identity provider chaining

#### Workspace ONE AirLift

- Outline the difference between traditional PCLM with Modern PCLM
- Describe the co-management phases in a modern PCLM transformation
- Summarize the benefits of using VMware Workspace ONE® AirLift™
- Outline the steps of Workspace ONE AirLift deployment and first-time configuration
- Map a collection from SCCM to a smart group in Workspace ONE UEM
- Export supported Win32 applications from SCCM to Workspace ONE UEM
- Use the activity log and dashboard to troubleshoot basic issues

#### VMware Horizon

- Recognize the features and benefits of VMware Horizon
- Describe the conceptual and logical architecture of VMware Horizon
- Define a use case for your virtual desktop and application infrastructure
- Convert customer requirements to use-case attributes

#### Workspace ONE Intelligence Advanced

- Outline the VMware Workspace ONE® Trust Network partners
- Describe the benefits of integrating with Workspace ONE Trust Network partners
- Outline common and complex Workspace ONE Intelligence use cases
- Create various dashboards in Workspace ONE Intelligence to monitor the entire device lifecycle
- Integrate VMware Workspace ONE® Intelligence™ with Workspace ONE Trust Network solution providers

#### Integrating with VMware Carbon Black

- Outline the main features of VMware Carbon Black
- Describe the benefits of using VMware Carbon Black
- Navigate the VMware Carbon Black Cloud™ console
- Outline the features of VMware Carbon Black Defense
- Outline the features of VMware Carbon Black LiveOps
- Deploy sensors to endpoints
- View and manage alerts in the VMware Carbon Black console
- Integrate VMware Carbon Black with Workspace ONE Intelligence
- Use VMware Carbon Black data for analysis and automation