

VMware Workspace ONE: Advanced Integration [V19.x]

Code:	EDU-WS1AI19
Length:	4 days
URL:	View Online

In this four-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 VMware Horizon® configurations. The principles of advanced identity 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 the 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 the authentication methods supported by Workspace ONE
- Describe the workflow of various supported authentication methods
- Describe the benefits of using Mobile SSO
- Outline the workflow of iOS and Android Mobile SSO
- Configure Mobile SSO for iOS and Android native applications
- Configure Single Sign-On for web applications
- Integrate Office 365 with Workspace ONE to leverage SSO
- Outline the steps of integrating Azure AD as a 3rd-party identity provider for Workspace ONE
- Describe the benefits of integrating Okta with Workspace ONE
- Outline the steps of integrating Okta as the identity provider and a service provider
- Identify additional 3rd party identity providers
- Outline the steps of integrating with AD FS
- Outline the steps of integrating with PING
- 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
- Summarize the benefits of using VMware Workspace ONE® AirLift™
- Outline the workflow of co-managing Windows 10 endpoints with Workspace ONE AirLift
- Describe the benefits of integrating VMware Horizon with Workspace ONE

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 [19.x] OR • VMware Workspace ONE: Skills for Unified Endpoint Management [V19.x] and VMware Workspace ONE: Integrating the Digital Workspace [V19.x]

Course Details

Product Alignment

- VMware Workspace ONE 19.x
- Workspace ONE® UEM 19.x
- Workspace ONE Access (VMware Identity Manager™) 19.x
- VMware Horizon 7.x
- 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
 - Auth2.0 Authentication
 - OpenID Connect Authentication
 - WS-Fed Authentication
 - Certificate Authentication
 - Kerberos Authentication
 - Multifactor Authentication

Mobile Single Sign-On

- 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 Single Sign-On 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 (VMware Identity Manager)
- 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
- Outline the steps of integrating with PING
- Configure a 3rd party identity provider in the Workspace ONE Access (VMware Identity Manager) 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 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