

VMware End-User Computing: Design

Course Overview

This five-day course presents a methodology for designing a VMware end-user computing (EUC) solution. The design methodology includes recommendations for the types of information and data that must be gathered and analyzed to make sound design decisions for the client systems, the desktop options, the VMware vSphere® infrastructure, VMware Horizon®, VMware Horizon® Cloud Service™, VMware Workspace ONE® UEM, VMware Workspace ONE® Access™, VMware NSX-T™, and VMware Unified Access Gateway™. VMware best practices are presented for each phase of the design process. In this course, you apply your new knowledge by working with other participants to design a VMware EUC solution for a real-world project.

Course Objectives

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

- Identify and assess the business objectives of the EUC environment
- Interpret business drivers to create an EUC solution with the Workspace ONE and Horizon reference architecture
- Analyze potential design choices and understand VMware best practices
- Design an EUC infrastructure architecture that addresses the needs of the organization and follows VMware best practices
- Create a design that ensures availability, manageability, performance, recoverability, and security

Target Audience

Operators, administrators, and architects for VMware Horizon should enroll in this course. These individuals are responsible for the creation, maintenance, and delivery of remote and virtual desktop services. Additional duties can include the implementation, support, and administration of an organization's EUC infrastructure.

Prerequisites

- Virtualized desktop implementation experience
- Microsoft Windows system administration experience: Configure Active Directory services, including DNS, DHCP, and time synchronization
- Understanding basic vSphere concepts
- Completion of one of the following courses is recommended (or equivalent experience):
 - [VMware Horizon 8: Deploy and Manage plus App Volumes Fast Track](#)
 - [VMware Horizon Cloud Service: Deploy and Manage on Microsoft Azure](#)
 - [VMware Workspace ONE: Deploy and Manage plus UEM Troubleshooting Fast Track \[V21.x\]](#)

Certifications

- VMware Certified Advanced Professional - Desktop Management Design 2021

Course Delivery Options

- Classroom
- Live Online
- [Private Training](#)

Product Alignment

- VMware Horizon 8 V2006
- VMware Workspace ONE

Course Modules

1 Course Introduction

- Introductions and course logistics
- Course objectives

2 VMware EUC Design Methodology

- Recognize the characteristics of a good design.
- Identify the phases of VMware EUC Design Methodology

3 Infrastructure Assessment and Service Definitions

- Define customer business objectives
- Define a use case for your virtual desktop and application infrastructure
- Convert customer requirements to use-case attributes

4 Working in a Team

- Identify ways to manage challenging behaviors in a team
- Identify how to improve your contributions to your team

5 Presenting Solutions to Executive Management

- Describe how to tailor a presentation to align with the values of the company and the backgrounds of the stakeholders

6 Architecture and Components

- Determine the components required for a Horizon on-premises or Horizon Cloud deployment
- Implement the design considerations and recommendations for various Horizon components
- Identify the primary functions of the Workspace ONE components

7 Component Design

- Identify the requirements of Horizon resource and management blocks
- Implement the design considerations and recommendations for various Horizon Cloud components
- Design the logical and physical architecture for your Workspace ONE solution

8 Component Design for App Volumes and VMware Dynamic Environment Manager

- Implement the recommended practices when designing an application-delivery mechanism with App Volumes
- Implement the recommended practices when designing a profile-management mechanism with VMware Dynamic Environment Manager

9 Environment Infrastructure Design

- Validate the infrastructure services on which your Workspace ONE and Horizon components depend
- Identify factors and design decisions that determine the sizing for ESXi host
- Discuss the factors that determine the sizing for shared storage
- Identify factors and design decisions that determine the sizing of the Azure pods
- Discuss the implications of using NSX for security and load balancing

10 Design Integration and Delivery

- Document the integration tasks required to take advantage of the full potential of a Workspace ONE and Horizon deployment
- Identify the steps required to configure and assemble EUC components into various services that are delivered to 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

© 2022 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.