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VMware End-User Computing Advanced Design

Exam Details (Last Updated: 1/19/2024)

The VMware End-User Computing Advanced Design exam (3V0-61.24) which leads to VMware Certified Advanced Professional – End-User Computing Design 2024 (VCAP-EUC Design 2024) certification is a 55-item exam, with a passing score of 300 using a scaled method. Candidates are given an appointment time of 140 minutes, which includes adequate time to complete the exam for non-native English speakers. This exam may contain a variety of item types including multiple-choice, multiple-selection multiple-choice, build-list, matching, drag-and-drop, pint-and-click and hot-area. Additional item types may be used but will appear less frequently than those previously mentioned.

Exam Delivery

This is a proctored exam delivered through Pearson VUE. For more information, visit the Pearson VUE website.

Certification Information

For details and a complete list of requirements and recommendations for attainment, please reference the VMware Learning Services – Certification website.

Minimally Qualified Candidate

The candidate holds a valid VCP-DW and/or VCP-DTM credential. The candidate can clearly design VMware EUC solutions but occasionally needs to research topics. The candidate is knowledgeable of the features, functions, and architectures of VMware Horizon and VMware Workspace ONE, but occasionally needs to research topics. The candidate should have a minimum of 3 year of experience working with VMware EUC solutions. The candidate has a minimum of 1 year of experience in designing and implementing EUC solutions. The candidate has knowledge of VMware EUC product suite, including VMware Horizon, Workspace ONE, App Volumes, Unified Access Gateway, and other relevant solutions, but occasionally needs to research topics. The candidate may hold additional industry-recognized IT certifications or accreditation. The candidate possesses most or all of the knowledge shown in the exam sections (blueprint).

Exam Sections

VMware exam blueprint sections are now standardized to the five sections below, some of which may NOT be included in the final exam blueprint depending on the exam objectives.

Section 1 – IT Architectures, Technologies, Standards

Section 2 – VMware Solution

Section 3 – Plan and Design the VMware Solution

Section 4 – Install, Configure, Administrate the VMware Solution

Section 5 – Troubleshoot and Optimize the VMware Solution

If a section does not have testable objectives in this version of the exam, it will be noted below, accordingly. The objective numbering may be referenced in your score report at the end of your testing event for further preparation should a retake of the exam be necessary.

Sections Included in this Exam

Section 1 – IT Architectures, Technologies, Standards

Not Applicable

Section 2 – VMware Solution

Not Applicable

Section 3 – Plan and Design the VMware Solution

Objective 3.1: Describe and explain VMware EUC design methodology

Objective 3.1.1: Identify the need to use a proven process for designing an end-user computing solution

Objective 3.1.2: Recognize the characteristics of a good design

Objective 3.1.3: Identify the recommended phases of end-user computing design methodology

Objective 3.2: Describe and explain infrastructure assessment and service definitions

Objective 3.2.1: Define the customer business objectives

Objective 3.2.2: Identify the design requirements, constraints, assumptions, and risks

Objective 3.2.3: Analyze the business and application requirements

Objective 3.2.3: Differentiate between conceptual, logical, and physical designs

Objective 3.2.4: Define use cases

Objective 3.2.5: Identify the use cases for specific scenarios based on user requirements

Objective 3.2.6: Recognize the common use cases addressed by VMware EUC products

Objective 3.2.7: Demonstrate how to determine a service definition by combining use cases with business requirements

Objective 3.2.8: Identify which technology or feature combinations will satisfy the business requirements

Objective 3.2.9: Recognize the common service definitions addressed by VMware EUC products

Objective 3.3: Describe and explain VMware's recommended best practices for working in a team

Objective 3.3.1: Identify ways to manage challenging behaviors in a team

Objective 3.3.2: Recognize the challenges that come with working in a team

Objective 3.3.3: Identify the qualities of an effective team member

Objective 3.3.4: Describe your communication style using the Johari Model

Objective 3.3.5: Identify how to improve your contributions to your team

Objective 3.4: Describe and explain VMware's recommended best practices for presenting solutions to executive management

Objective 3.4.1: Describe how to tailor a presentation to align with the values of the company and the backgrounds of the stakeholders

Objective 3.4.2: Identify which questions you can ask to identify how to address a problem the client wants to solve

Objective 3.4.3: List the elements that are required to make a presentation as effective as possible

Objective 3.4.4: Demonstrate how to build credibility with a client by delivering pitches about yourself, your team, and your company

Objective 3.4.5: Identify how to properly handle objections

Objective 3.4.6: List the strategies in which you can better interact with your client during a meeting

Objective 3.5: Describe and explain architecture and components for Horizon

Objective 3.5.1: List the required components for a Horizon on-premises solution

Objective 3.5.2: List the required components for a Horizon Cloud solution

Objective 3.5.3: Identify the primary functions of the Horizon components

Objective 3.5.4: Implement the design considerations and recommendations for various Horizon components

Objective 3.5.5: Analyze the use-case scenarios for various Horizon deployment options

Objective 3.6: Describe and explain architecture and components for Workspace ONE UEM

Objective 3.6.1: List the components of the Workspace ONE platform

Objective 3.6.2: Identify the primary functions of the Workspace ONE components

Objective 3.7: Describe and explain architecture and components for Workspace ONE Access

Objective 3.7.1: List the components of the Workspace ONE Access

Objective 3.7.2: Identify the primary functions of the Workspace ONE Access components

Objective 3.8: Describe and explain component design

Objective 3.8.1: Design a Horizon infrastructure for a given use case

Objective 3.8.2: Identify the requirements of Horizon resource and management blocks

Objective 3.8.3: Outline the relationships between Horizon management block components

Objective 3.8.4: Identify the components of Horizon Cloud and Horizon Cloud Service on Microsoft Azure

Objective 3.8.5: Implement the design considerations and recommendations for various Horizon Cloud components

Objective 3.8.6: Identify the use cases for implementing multiple Horizon Cloud edges

Objective 3.8.7: Design Workspace ONE UEM infrastructure for a given use case

Objective 3.8.8: Design Workspace ONE Access infrastructure for a given use case

Objective 3.8.9: Design hybrid solutions for Workspace ONE

Objective 3.8.10: Determine which Workspace ONE components are required to support specific use cases

Objective 3.8.11: Design the logical and physical architecture for your Workspace ONE solution

Objective 3.9: Describe and explain component design for App Volumes and VMware Dynamic Environment Manager

Objective 3.9.1: Describe the components of the logical architecture for App Volumes

Objective 3.9.2: Implement the recommended practices when designing an application-delivery mechanism with App Volumes

Objective 3.9.3: Describe the components of the logical architecture for VMware Dynamic Environment Manager

Objective 3.9.4: Implement the recommended practices when designing a profile -management mechanism with VMware Dynamic Environment Manager

Objective 3.9.5: Identify and describe complementary solutions

Objective 3.10: Describe and explain environment infrastructure design

Objective 3.10.1: Identify the environment resources required to support a Workspace ONE and Horizon deployment

Objective 3.10.2: Validate the infrastructure services on which your Workspace ONE and Horizon components depend

Objective 3.10.3: Identify the factors and design decisions that determine the sizing for ESXi hosts

Objective 3.10.4: Identify the factors and design decisions regarding storage and network settings for the ESXi host

Objective 3.10.5: Identify the factors and design decisions that determine Sphere HA and Sphere DRS settings for the cluster

Objective 3.10.6: Identify the design decisions related to bandwidth considerations

Objective 3.10.7: Discuss the implications of using load balancing

Objective 3.11: Describe and explain design integration and delivery

Objective 3.11.1: Identify the integration tasks required to take advantage of the full potential of a Workspace ONE and Horizon deployment

Objective 3.11.2: Demonstrate how to determine a service definition by combining use cases with business requirements

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Objective 3.11.3: Identify the steps required to configure and assemble EUC components into the services that you plan to deliver to end users

Objective 3.11.4: Recognize the common service definitions addressed by VMware EUC products

Section 4 – Install, Configure, Administrate the VMware Solution

Not Applicable

Section 5 – Troubleshoot and Optimize the VMware Solution

Not Applicable

Courses used to develop this exam and strongly recommended to you for exam preparation:

VMware End-User Computing: Design

Certification Requirements

VCP-DTM or VCP-DW

References

No additional resources.

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