

VMware Tanzu Mission Control Specialist

Exam Details (Last Updated: 3/14/2022)

The VMware Tanzu Mission Control Specialist Exam (5V0-71.23), which leads to the VMware Certified Specialist - Tanzu Mission Control specialist certification, is a 58-item exam with a passing score of 300 using a scaled method. Candidates are given an exam time of 105 minutes, which includes adequate time to complete the exam for non-native English speakers.

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 Education Services – Certification website](#).

Minimally Qualified Candidate

The minimally qualified candidate (MQC) must have earned a VCP-AM or VCP-TKO certification. The MQC should experience deploying and managing multiple Kubernetes clusters(including YAML). The MQC should also have experience with Kubernetes RBAC, network policies, resource quotas. The MQC should have 6- 12 months hands-on experience with Tanzu Mission Control. The MQC has awareness of cloud platforms such as vSphere, Amazon Web Services, and Microsoft Azure, as well as the challenges of running Kubernetes at scale. The MQC has experience and knowledge of enforcing security and compliance regulations, cluster life cycle management, visibility into Kubernetes health and app health, and scaling past single-cluster operations. The MQC understands Kubernetes packaged applications. The MQC should possess the majority of the knowledge of the objectives shown in the exam sections in this guide.

Exam Sections

VMware exam blueprint sections are now standardized to the seven 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

Objective 1.1: Identify Kubernetes lifecycle management concepts

Objective 1.2: Identify Kubernetes logical objects

Objective 1.3: Identify Kubernetes cluster and application security concepts

Objective 1.4: Identify Kubernetes platform and service administration concepts

Objective 1.5: Identify the concept of Cluster API

Section 2 – VMware Solution

Objective 2.1: Identify the interoperability between Tanzu Mission Control and Tanzu Service Mesh

Objective 2.2: Identify the interoperability between Tanzu Mission Control and Aria Operations for Applications

Objective 2.3: Identify the use case of VMware Tanzu Mission Control

Objective 2.4: Identify how to access to VMware Tanzu Mission Control

Objective 2.5: Identify VMware Cloud services

Objective 2.6: Given a scenario, identify how to use VMware Cloud Services Access Control

Objective 2.7: Identify service roles in VMware Tanzu Mission Control

Objective 2.8: Given a scenario, identify how to manage the lifecycle of Tanzu Kubernetes Clusters

Objective 2.9: Identify the interoperability between Tanzu Mission Control and Tanzu Kubernetes Grid

Objective 2.10: Identify the interoperability between Tanzu Mission Control and vSphere supervisors

Section 3 – Plan and Design the VMware Solution

Objective 3.1: Identify the architecture of VMware Tanzu Mission Control

Objective 3.2: Identify the resource hierarchy of VMware Tanzu Mission Control

Objective 3.3: Given a scenario, identify the steps for designing grouping objects in TMC

Objective 3.4: Identify the connectivity requirements

Objective 3.5: Identify the health statuses

Objective 3.6: Identify a management cluster

Objective 3.7: Identify provisioners

Objective 3.8: Identify the purpose of a cloud provider account

Objective 3.9: Identify the pre-requisites of Tanzu Mission Control

Objective 3.10: Given a scenario, identify the steps to onboard Kubernetes cluster

Section 4 – Install, Configure, Administrate the VMware Solution

Objective 4.1: Given a scenario, identify how to create and manage groups in VMware Cloud services

Objective 4.2: Identify the policy model

Objective 4.3: Identify the available policy types

Objective 4.4: Given a scenario, identify how access policies grant users access to different resources

Objective 4.5: Given a scenario, identify how image registry policies restrict from which image registries container images can be pulled

Objective 4.6: Given a scenario, identify how network policies are applied to clusters

Objective 4.7: Given a scenario, identify how security policies control deployment of pods in a cluster

Objective 4.8: Given a scenario, identify how quota policies manage resource consumption in your clusters

Objective 4.9: Given a scenario, identify how custom policies implement specialized policies that govern your Kubernetes clusters

Objective 4.10: Identify how Policy Insights reports Tanzu Mission Control policy issues

Objective 4.11: Given a scenario, identify the steps to provision a cluster on Tanzu Kubernetes Grid

Objective 4.12: Given a scenario, identify how clusters are scaled and upgraded

Objective 4.13: Identify the purpose of cluster inspections

Objective 4.14: Identify VMware Tanzu Mission Control Data Protection

Objective 4.15: Identify the VMware Tanzu Mission Control catalog

Objective 4.16: Identify the installation and management of packages

Objective 4.17: Given a scenario, identify how to install TMC CLI

Objective 4.18: Given a scenario, identify how to authenticate with TMC CLI

Objective 4.19: Given a scenario, identify how to manage clusters with TMC CLI

Objective 4.20: Given a scenario, identify how to create grouping objects with TMC CLI (work spaces, cluster groups)

Objective 4.21: Given a scenario, identify how to install catalog packages within TMC CLI

Objective 4.22: Given a scenario, identify how to manage backups with TMC CLI (data protection)

Objective 4.23: Given a scenario, identify the steps for attaching a Kubernetes cluster to VMware Tanzu Mission Control

Objective 4.24: Given a scenario, identify the steps for creating Tanzu Kubernetes Grid clusters in VMware Tanzu Mission Control

Objective 4.25: Given a scenario, identify the steps for registering a Management Cluster to VMware Tanzu Mission Control

Objective 4.26: Given a scenario, identify how mutation policies are used

Section 5 – Troubleshoot and Optimize the VMware Solution

Objective 5.1: Given a scenario, identify the backup and restore issues

Objective 5.2: Given a scenario, identify how to troubleshoot access issues

Objective 5.3: Given a scenario, identify how to troubleshoot upgrade issues

Objective 5.4: Given a scenario, identify how to troubleshoot policy issues

Objective 5.5: Given a scenario, identify how to troubleshoot provisioning issues

Objective 5.6: Identify how to obtain audit logs

Objective 5.7: Given a scenario, identify how to monitor and troubleshoot cluster and components health issues

Objective 5.8: Given a scenario, identify how to fix cluster inspection issues

Recommended Courses

[VMware Tanzu Mission Control: Management and Operations 2022 – On Demand](#)

Certification Requirements

[VCP-AM 2022 /2023 or VCP-TKO](#)

References

In addition to the recommended courses, item writers used the following references for information when writing exam questions. It is recommended that you study the reference content as you prepare to take the exam, in addition to the recommended training.

[VMware Tanzu Mission Control: Management and Operations 2022 – On Demand](#)

[Kubernetes Documentation](#)

[VMware Tanzu Solutions Gitbook](#)

[VMware Tanzu Mission Control Documentation](#)

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