

# VMWA-15 - VMWARE TANZU MISSION CONTROL: MANAGEMENT AND OPERATIONS 2022

Categoria: VMware

## INFORMAZIONI SUL CORSO



Durata:  
2 Giorni



Categoria:  
VMware



Qualifica Istruttore:  
VMware Certified  
Instructor



Dedicato a:  
Professionista IT



Produttore:  
VMware

## OBIETTIVI

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

- Describe the Tanzu Mission Control architecture
- Configure user and group access
- Create access, image registry, network, security, quota, and custom policies
- Connect your on-premises vSphere with Tanzu Supervisor cluster to VMware Tanzu Mission Control
- Create, manage, and back up Tanzu Kubernetes clusters
- Perform cluster inspections
- Manage packages in your clusters
- Monitor and secure Kubernetes environments

## PREREQUISITI

- Experience deploying and managing multiple Kubernetes clusters
- Experience with Kubernetes RBAC, network policies, resource quotas, and Pod Security Policies

The provisioning lesson in the course relies on VMware Tanzu Kubernetes Grid™, so the attending one of the following courses is recommended:

- VMware vSphere with Tanzu: Deploy and Manage
- VMware Tanzu Kubernetes Grid: Install, Configure, Manage

## CONTENUTI

### 1 Course Introduction

- Introduction and course logistics
- Course objectives

### 2 Introducing VMware Tanzu Mission Control

- Explain VMware Tanzu Mission Control
- List the problems that VMware Tanzu Mission Control solves
- Request access to VMware Tanzu Mission Control
- Describe VMware Cloud services

- Describe organization roles in VMware Cloud services
- Describe service roles in VMware Tanzu Mission Control
- Create and manage groups in VMware Cloud services
- Describe the architecture of VMware Tanzu Mission Control
- Describe the resource hierarchy of VMware Tanzu Mission Control

### 3 Cluster Management

- Describe the steps for attaching a Kubernetes cluster to VMware Tanzu Mission Control
- Describe the connectivity requirements
- Describe the health statuses
- Describe the steps for registering a Management Cluster to VMware Tanzu Mission Control
- Describe a management cluster
- Describe provisioners
- Describe the purpose of a cloud provider account
- Describe the steps to provision a cluster on Tanzu Kubernetes Grid
- Describe how clusters are scaled and upgraded
- Describe the purpose of cluster inspections
- Describe the purpose of Tanzu Observability
- Describe the purpose of Tanzu Service Mesh Advanced
- Describe VMware Tanzu Mission Control Data Protection
- Describe the VMware Tanzu Mission Control catalog
- Describe the installation and management of packages

### 4 Policy Management

- Describe the policy model
- Describe the available policy types
- Describe how access policies grant users access to different resources
- Explain how image registry policies restrict from which image registries container images can be pulled
- Describe how network policies are applied to clusters
- Describe how security policies control deployment of pods in a cluster
- Describe how quota policies manage resource consumption in your clusters
- Describe how custom policies implement specialized policies that govern your Kubernetes clusters
- Describe how Policy Insights reports Tanzu Mission Control policy issues

## INFO

**Esame:** 2V0-71.23 - VMware Tanzu for Kubernetes Operations Professional --- VMware Certified Professional - Tanzu for Kubernetes Operations (VCP-TKO)

**Materiale didattico:** Materiale didattico ufficiale VMware in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)