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

Categoria: **VMware**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
2 Giorni	VMware	VMware Certified Instructor	Professionista IT	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)