VMWA-48 - VMWARE CLOUD FOUNDATION: TROUBLESHOOTING [V9.0]

Categoria: **VMware**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 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 VCF solution
- -Describe the VCF architecture and components
- -Describe the deployment model based on the existing infrastructure
- -Explain the troubleshooting methodology to resolve common validation precheck errors
- -Identify and use the correct logs to troubleshoot VMware Cloud Foundation (VCF) Installer
- -Describe the license assignment process for connected and disconnected deployments
- -Identify the log file and log locations for VCF licensing components
- -Explain the workload domain creation workflow
- -Troubleshoot network pool creation
- -Troubleshoot VMware® ESX® host commissioning
- -Monitor VMware vSAN™ health using the VMware Cloud Foundation® Operations console
- -Monitor vSAN Health using vSphere Client
- -Monitor network operations
- -Analyze flows and network performance
- -Describe central password management in VCF Operations
- -Monitor password expiration
- -Describe the architecture and components of the VMSP cluster
- -Identify key log files to troubleshoot the VMSP cluster provisioning
- -Identify key kubectl commands and logs to check the health status of the VMSP cluster
- -Generate, download, and review the structure of the VMware Cloud Foundation® Automation support log bundle

PREREQUISITI

CONTENUTI

Module 1. Course Introduction

- -Introductions and course logistics
- -Course objectives

Module 2. Troubleshooting VCF Deployment

- -Describe the VCF solution
- -Describe the VCF architecture and components
- -Describe the sequence of steps that occur during the VCF installation process
- -Identify key log files to troubleshoot the VCF installation
- -Describe the VMware vSphere® Foundation solution
- -Describe the vSphere Foundation architecture and components

Module 3. Troubleshooting Upgrades

- -Understand the deployment model based on the existing infrastructure
- -Explain the troubleshooting methodology to resolve common validation precheck errors
- -Identify and use the correct logs to troubleshoot VMware Cloud Foundation (VCF) Installer
- -Explain the key components and features of VMware vSphere Foundation 9.0 Private Cloud
- -Understand the architecture of VMware vSphere Foundation 9.0 Private Cloud
- -Identify and analyze the supported upgrade paths to vSphere Foundation 9.0 private cloud
- -Identify the prerequisites to deploy vSphere Foundation

Module 4. Troubleshooting License

- -Describe the license assignment process for connected and disconnected deployments
- -Identify the log file and log locations for VCF licensing components
- -Run commands on the ESX host to verify licensing status

Module 5. Workload Domain Troubleshooting

- -Describe the workload domain architecture and components
- -Explain the workload domain creation workflow
- -Troubleshoot network pool creation
- -Troubleshoot ESX host commissioning
- -Troubleshoot the different steps in workload domain creation

Module 6. Troubleshooting VMware Cloud Foundation Compute

- -Monitor compute environments using VMware Cloud Foundation
- -Troubleshoot ESX hosts and vCenter issues effectively
- -Diagnose and resolve virtual machine problems efficiently
- -Describe vSphere cluster features and related issues
- -Describe diagnostic findings to identify and remediate issues

Module 7. Troubleshooting VCF vSAN Storage

- -Monitor vSAN health using the VCF Operations console
- -Monitor vSAN Health using VCF Operations diagnostics Health in the vSphere Client
- -Monitor object health in the vSphere Client

Module 8. Troubleshooting VMware Cloud Foundation Networking

- -Monitor network operations
- -Deploy the Operations Network appliance
- -Analyze flows and network performance

Module 9. Troubleshooting VCF Operations Fleet Management

- -Describe central password management in VCF Operations
- -Implement password management

-Monitor password expiration
-Update VCF component passwords

Module 10. Troubleshooting VMware Cloud Foundation Automation

-Describe the architecture and components of the VMSP cluster
-Identify key log files to troubleshoot the VMSP cluster provisioning
-Identify key kubectl commands and logs to check the health status of the VMSP cluster
-Generate, download, and review the structure of the VCF Automation support log bundle

INFO

Esame: 2V0-15.25 - VMware Cloud Foundation 9.0 Support --- VMware Certified Professional - VMware Cloud Foundation Support (VCP-VCF Support)
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)