

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

Categoria: **VMware**

INFORMAZIONI SUL CORSO



Durata:
5 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 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)