

VCP - VMware Cloud



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Online Course

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Course Modules

1. Architecture and Technologies

- Explain the benefits of cloud computing
- Describe the functional components of a VMware Cloud solution
- Differentiate between VMware Cloud connectivity options
- Describe a cloud network architecture
- Describe networking in the software-defined data center (SDDC)
- Describe VMware SDDC components
- Explain Hybrid Linked Mode for the VMware SDDC
- Describe virtual machine components
- VMware vSphere vMotion and vSphere Storage vMotion technology
- Explain a high availability and resilient infrastructure
- Describe the different backup and disaster recovery options
- Explain scaling options in VMware Cloud environments
- Identify authentication options for the VMware Cloud Services Portal
- Describe the purpose of using Kubernetes
- Use cases for VMware Cloud on Dell EMC and VMware Cloud



2. VMware Products and Solutions

- Describe the VMware Cloud operating model
- Identify the role of other cloud services
- Explain the VMware multi-cloud vision
- Identify the appropriate backup or disaster recovery method
- How VMware and its hyperscaler partners address IT challenges
- Recognize VMware Cloud use cases
- Describe the function of VMware HCX
- Explain the NSX architecture in VMware Cloud
- Explain the functions of Kubernetes components
- Functions of VMware Tanzu products in Kubernetes life cycle management
- Explain Tanzu Kubernetes Grid concepts

3. Planning and Designing

- Understand configuration sizing requirements for a VMware Cloud
- Considerations for installing VMware Cloud on Dell EMC



4. Performance-tuning and Optimization

- Determine networking performance
- Determine storage performance
- Optimize the guest OS configuration

5. Troubleshooting and Repairing

- Troubleshoot networking issues
- Troubleshoot internetworking
- Troubleshoot security
- Troubleshoot workloads
- Troubleshoot storage

6. Administrative and Operational Tasks

- Create and manage user account and role permissions
- Create a content library
- Create and manage network segments
- Create and manage VM snapshots
- Monitor VMware NSX networking within VMware Cloud
- Determine the appropriate network connectivity option
- Recognize management responsibilities in VMware Cloud on AWS
- Describe elements of the service management process
- Update and upgrade responsibilities of various components



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in terms of time management,
flexibility, and the ability
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