

VCP-EUC - Endpoint and Workload Security



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Online Course

Course Modules

Architecture and Technologies

1. Kubernetes

- Describe the purpose of Containers
- Describe difference between Containers and VMs
- Describe the relationship between Kubernetes and Containers
- Understand the basic architecture of Kubernetes
- Declarative versus Imperative design pattern for Kubernetes
- Understand interacting with Kubernetes
- Understand the POD
- Understand services
- Understand deployment
- Describe the types of services
- Describe the purpose of Ingress controllers
- Understand Namespaces
- Understand troubleshooting methods
- Describe the purpose of ConfigMaps



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2.Application Modernization

- Describe application modernization
- Explain the need for app modernization
- Describe the importance of Microservices
- Describe CI/CD Pipelines
- Building Container Images
- Understand Image registry and functions
- Explain the use of App catalogs
- Describe Platform as a Service
- Describe Infra as Code (IaC)
- Describe the use of Service Mesh
- Compare Observability with Monitoring

3.Products and Solutions

- Understand VMware Tanzu Portfolio
- Describe the types of Tanzu Editions (Basic, Standard)
- Use cases the Tanzu Portfolio solves, and the outcomes deliver
- Identify products in the Tanzu portfolio



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4. Tanzu Kubernetes Grid

- VMware Tanzu Mission Control
- VMware Tanzu Observability
- VMware Tanzu Service Mesh
- Tanzu Application Service
- Tanzu Build Service
- Tanzu Application Catalog
- Tanzu open-source products
- Understand open-source software in the VMware Tanzu strategy
- Native Computing Foundation (CNCF)

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REMOTELY!!**

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.



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