VCTA-DCV - Data Center Virtualization

Zetlan Technologies

Why us?

- **Digital Mastery Awaits**
- **Expert-Led Instruction**
- **Learn Anytime, Anywhere**

Online Course

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Course Modules

1. Architecture and Technologies

- How physical resources are presented to multiple virtual machines.
- How virtual resources can be shared across multiple virtual machne
- Identify examples of type 1 and type 2 hypervisors.
- Identify business challenges addressed by vSphere.
- Identify the components of a vSphere environment.
- Identify vSphere virtual networking components and types.
- Identify the characteristics of storage access protocols for vSphere.
- Identify the characteristics of vSphere storage technologies.
- Identify the purposes of different virtual machine files.
- Identify the types of OS that can run on virtual machines.
- Use cases for virtual machine snapshots, cloning & templates.
- Functionality of the vSphere vlVlotion & Storage vMotion technlgy
- Use cases of vSphere vMotion & Storage vMotion technology
- Characteristics of vSphere High Availability and Fault Tolerance.
- Identify use cases of High Availability and Disaster Recovery.
- IThe functionality of VMware Distributed Resource Scheduler (DRS).
- Given a DRS score, identify the meaning.
- Identify the use cases for Enhanced vMotion Compatibility (EVC).

VMware Products and Solutions

Planning and Designing

Installing, Configuring, and Setting Up

2. Identify Virtual Switch configuration options.

- Identify how to configure different types of datastores.
- Identify how to configure vSphere HA.
- Identify how to configure vSphere DRS.
- Identify how to configure EVC.

Performance-tuning, Optimization, Upgrades

Troubleshooting and Repairing

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3. Administrative and Operational Tasks

- Identify how to create and manage VIVI snapshots.
- Identify how to manage VIVI templates and clones.
- Identify the considerations when provisioning a VM.
- Identify the options that can be perfrmd on diff inventory objects.
- Identify the concepts of role-based user management
- Identify virtual networking issues that impact vSphere.
- Identify virtual storage issues that impact vSphere.
- Identify the purpose of monitoring alarms, tasks and events.
- Identify how to monitor vSphere Cluster and SDRS Cluster.
- Identify how to perform and monitor vMotion. Storage vMotion
- vSphere environmnt. identify how to use performance charts
- Identify the purpose for VMware Tools.

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LEARN 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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