VMware Mirage [V5.0] and Horizon with View [V6.0]: Fast Track

Course Details

Course Outline

1. **Introduction to Mirage**

   - Discuss the key concepts of Mirage

   - Describe how Mirage works with Horizon 6

   - Define the main Mirage use cases

   - Discuss Mirage features and benefits

2. **Components and Architecture**

   - Identify the function of each of the Mirage solution components

   - Define the Mirage layers

   - Diagram the Mirage architecture

3. **Installing and Configuring Mirage**

   - Outline the tasks for installing and configuring Mirage

   - Discuss the process for deploying the Mirage client

   - Identify the high-level tasks for upgrading Mirage

4. **Mirage Security**

   - Recognize the architecture and components of the Mirage Gateway server and how they interact

   - Identify tasks for performing SSL configuration on a Mirage system

   - Explain how to configure Mirage load balancing

5. **Mirage Management Overview**

   - Explain how to use the Mirage dashboard and transaction logs to monitor your Mirage system environment

   - Recognize the process for setting up static and dynamic centralized virtual desktop (CVD) collections

   - Explain the main Image Composer functions

   - Describe how Mirage roles are set up and used

6. **Mirage Web Manager**

   - Identify the main installation and configuration tasks for Mirage Web Manager

   - Discuss how to use Mirage Web Manager logs

   - Recognize how to configure SSL on Mirage Web Manager

7. **Mirage Single Image Management**

   - Diagram the layer management lifecycle

   - Explain how to set up a reference machine

   - Recognize the process for capturing and assigning base layers and application layers

8. **Windows 7 to Windows 8.1 Migration**

   - Identify steps for performing a Windows 7 to Windows 8.1 migration and how to monitor the migration process

   - Discuss the backup capabilities of Mirage

   - Explain the Mirage endpoint disaster recovery options

9. **Endpoint Protection with Mirage**

   - Discuss the backup capabilities of Mirage and how upload policies are used to define backup parameters

   - Explain the Mirage endpoint disaster recovery options

10. **Working with the Mirage File Portal**

   - Explain the process for configuring the file portal

   - Recognize how to configure end-user CVD mapping

   - Describe how to access files using the file portal

   - Introduction to Horizon and View

   - Overview of Horizon 6

   - Introduce View features and components

11. **View Connection Server**

   - Install and configure View Connection Server

   - Configure the View events database and syslog server

12. **View Desktops**

   - Prepare virtual machines as View desktops

   - Compare PCoIP and RDP remote display protocols

   - Explain USB redirection and multimedia redirection

   - Install Horizon View Agent in a template

   - Deploy a manual pool and entitle users to access it

13. Horizon Client Options

- Introduce Horizon Client for Windows and Mac OS X

- Describe HTML Access, thin clients, and zero clients

- Configure Virtual Printing with Horizon Client

14. Creating and Managing Automated Pools

- Configure and provision automated pools of desktops

- Compare dedicated and floating-assignment pools

- Compare storage options, including VMware Virtual SAN™

15. Creating and Managing Linked-Clone Desktop Pools

- Overview of View Composer operations

- Deploy and provision linked-clone desktops

- Compare storage options, including Virtual SAN and tiered storage

- Manage linked-clone desktops

- Manage persistent disks

16. Creating and Managing RDS Desktop and Application Pools

- Set up RDS hosts to create a farm

- Deploy and provision RDS desktop pools

- Deploy and provision RDS application pools

- Manage application pools

17. Using View Administrator

- Configure the View environment

- Compare authentication options for desktop access

- Manage users, sessions, and policies

- Implement role-based delegated administration

- Monitor the View environment

18. Managing View Security

- Describe recommended network configurations and authentication options

- Configure the View security server

19. View Persona Management

- Configure user profiles with View Persona Management

- Describe View Persona Management and Windows roaming profiles

- Configure a View Persona Management deployment

- Describe best practices for a View Persona Management deployment

20. Command-Line Tools and Backup Options

- Introduce the vdmadmin utility
- Describe client systems in kiosk mode
- Back up the View databases
- Restore the View databases

21. View Performance and Scalability

- Describe multiserver deployments to create a pod
- Explain performance considerations and load balancing for a single pod
- Explain Cloud Pod Architecture for multiple View pod deployments