

Course content

VCE Vblock Systems Advanced Administration and Management Performance and Troubleshooting

1. Vblock System Advanced Administration Overview

- Vblock system configurations
- Physical configuration of the various hardware components that makeup the Vblock System
- Vblock advanced management platform
- VCE Manage certification track
- Key documents for Advanced Administration and Management from VCE, Cisco, EMC, and VMware

2. Vblock System Troubleshooting

- . Benefits of a structured approach to troubleshooting
 - Basic troubleshooting steps
 - Use the main troubleshooting tools for the Vblock as a whole and for each Vblock component
 - Key health check and monitoring items for each Vblock component
 - Perform Vblock troubleshooting

3. Performance

- . Advantages of active performance management
 - Basic performance management lifecycle
 - Key performance metrics
 - Utilize Vblock System and component performance monitoring tools
 - Common storage performance concepts

4. Migration

- . Three main elements of migrating from a legacy to a Vblock System
 - Considerations of various migration strategies
 - List array-based, network-based and host-based migration solutions

- VMware vMotion and Storage vMotion use cases
- Live Migrate a data store using Storage vMotion
- Migrate a host from one UCS blade to another