

# Dell VxBlock Deploy



# Online Course

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## Course Modules

### 1. VxBlock Hardware Installation

- Describe the VxBlock System site installation process
- Identify key information in VxBlock System documentation
- Power on and connect the VxBlock System
- Troubleshoot the installation



### 2. VxBlock 1000 Implementation

- Locate the validation procedures and support documentation
- Connect the VxBlock System to the customer network
- Validate VxBlock 1000 installation using the LCS & Test Plan
- Describe how to perform knowledge transfers

### 3. VxBlock Hardware Expansion Implementation

- Describe requirements and considerations
- Locate required doc & othr resources support expansion
- Describe the process used to expand the VxBlock system
- Validate a VxBlock 1000 expansion

### 4. RCM Upgrades on VxBlock

- Describe the phases of an RCM upgrade & responsible parties
- Identify tools used to plan and execute an RCM upgrade
- Describe how to perform an RCM upgrade





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## 5. Software Defined Networking (SDN) Concepts & CI/HCI

- Discuss the elements that make up an SDN
- Explain VMware NSX components, their functions & benefits
- Explain Cisco ACI components, their functions and benefits
- Identify considerations for implement NSX & ACI on CI systems
- Explain architectural diff betw VMware NSX and Cisco ACI

## 6. Cisco ACI Integration with DELL EMC CI Systems

- Identify ACI use cases, key features, and related hardware
- Explain the ACI Logical Model
- Describe ACI integration with Dell EMC VxBlock systems

## 7. VMware NSX Integration with DELL EMC CI Systems

- Discuss specific use cases for VMware NSX
- How VMware NSX is integrated into Dell EMC CI infrastrtr
- Explain the procedure for configuring a logical switch

## 8. CPD Technology Extension for Isilon

- Describe the nature and use of the CPD Technology
- Hardware components, with a newly add Isilon strage system



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## 9. Extending Networks in the Datacentre

- Network virtualization as it relates to a Converged Infrastructure
- Explain the VXLAN Overlay Network architecture
- Various transport layer protocols & how they are used for connectivity
- Discuss network services that provide connectivity, etc.,

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