

## **Nutanix Cloud Clusters on AWS Administration (NC2A-AWS)**

OEM: Nutanix • Duration: 5 Days (40 hrs) • Code: NCP-CI-AWS

### **COURSE MODULES & TOPICS**

#### **Module 1: Getting Started with Nutanix Cloud Clusters**

- Introduction to Nutanix Cloud Clusters
- Creating My Nutanix and NC2 Accounts
- Logging into NC2 for the First Time
- Creating Organizations and Users
- Managing Support Authorization
- Lab: Accessing and Exploring the NC2 Console
- Lab: Creating and Managing an Organization
- Lab: Adding Users from the NC2 Console
- Lab: Managing Support Authorization

#### **Module 2: Deploying and Configuring NC2 on AWS**

- Planning Your NC2 on AWS Implementation
- Deploying NC2 on AWS
- Reviewing the Configuration of AWS for NC2
- Configuring the NC2 Console for AWS
- Creating a Cluster
- Deploying Prism Central in Your NC2 on AWS Cluster
- Establishing Connectivity Between Your On-Prem Datacenter and NC2
- Lab: Configuring Prism Element On-Prem
- Lab: Configuring Prism Central On-Prem
- Lab: Reviewing the Configuration of AWS (IAM Roles, VPCs, Gateways, Subnets, Route Tables, Site-to-Site VPN, EC2, Custom Security Groups, and S3)
- Lab: Creating a Cluster
- Lab: Performing the Initial Configuration of the Cloud Cluster
- Lab: Deploying and Configuring Prism Central in AWS

#### **Module 3: Managing NC2 Clusters**

- Performing Cluster Management and Maintenance Tasks
- Creating and Configuring User Virtual Machine (VM) Networks
- Creating and Managing User VMs

- Configuring Backup and Recovery
- Configuring Cluster Protect
- Lab: Using Hibernate and Resume
- Lab: Creating VMs on the Cloud Cluster
- Lab: Using Cluster Protect
- Lab: Recovering Protected Cloud Clusters
- Lab: Disabling Cluster Protect
- Lab: Using Nutanix DR to Migrate VMs

## **Module 4: Monitoring, Maintaining, and Investigating Issues with NC2 Clusters**

- Monitoring Cluster Health
- Investigating Cluster Deployment Issues
- Investigating Connectivity Issues
- Working with Support
- Performing Upgrades
- Lab: Monitoring Cluster Health
- Lab: Collecting a Log Bundle
- Lab: Viewing AWS Events in the NC2 Console
- Lab: Performing Software Updates