

AAPM: Nutanix Advanced Administration & Performance Management Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The AAPM: Nutanix Advanced Administration & Performance Management training by Multisoft Systems is designed for IT professionals seeking to master advanced Nutanix cluster management and performance optimization. This comprehensive program focuses on enhancing your skills in troubleshooting, configuring, and managing Nutanix environments effectively.

Module 1: Exploring Nutanix Storage Features

- ✓ Understanding Nutanix AOS Services and AOS Storage Services
- ✓ Exploring Storage Components
- ✓ AOS Storage Data Pathing

Module 2: Creating a Highly Available, Performant, and Resilient Storage Layer

- ✓ Creating Highly Available, Resilient Infrastructure
- ✓ Storage Optimization and Data Efficiency
- ✓ Optimizing and Planning for New Workloads
- ✓ Storage Best Practices for Application Workloads

Module 3: Optimizing Physical and Virtual Networks in AOS

- ✓ Optimizing Physical & Virtual Networks
- ✓ Best Practices

Module 4: Optimizing Overlay Networks Using Flow Networking

- ✓ Optimizing Physical & Virtual Networks
- ✓ Implementing Flow Networking
- ✓ Implementing VPCs
- ✓ Overlay Network Use Cases

Module 5: Optimizing VM Performance

- ✓ Sizing the CVM & Prism Central
- ✓ Alternate Methods of Provisioning User VMs
- ✓ Working with GPUs in AHV
- ✓ Improving VM Storage and Network Performance

Module 6: Analyzing Nutanix Cluster Security Options

- ✓ Nutanix Security Technologies
- ✓ User Authentication and Permissions
- ✓ Hardening AHV and the CVM
- ✓ Using Flow Network Security & Flow Security Central
- ✓ Data Encryption with Nutanix
- ✓ Managing Log Files

Module 7: Micro segmentation with Flow Network Security

- ✓ Flow Policy Constructs
- ✓ Security Policy Models and Types
- ✓ Enabling Micro segmentation
- ✓ Creating and Applying Policies

Module 8: Micro segmentation with Flow Network Security

- ✓ Evaluating Cluster Health
- ✓ Network Packet Capture and Inspection
- ✓ Acropolis Service Failures
- ✓ Ensuring Efficient Physical Resource Consumption with Machine Learning
- ✓ Application Monitoring and Discovery
- ✓ Monitoring Performance

Module 9: Business Continuity

- ✓ Assessing Business Continuity and Disaster Recovery
- ✓ High Availability and Data Protection
- ✓ Third Party Backup Integrations
- ✓ Best Practices

Module 10: Implementing Disaster Recovery

- ✓ Replicating Data with AOS
- ✓ Disaster Recovery Orchestration
- ✓ Disaster Recovery with Protection Domains
- ✓ Getting Started with Nutanix Leap
- ✓ Protecting Against Ransomware