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Arrow ECS Powered by Education Services

TRAINING OFFERING

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NUTANIX **Advanced Administration & Performance Management (AAPM)**

CODE	**LENGTH:**	**PRICE:**
NCP_AAPM_V1	40 hours (5 days)	Contact Nutanix

Description

Advanced Administration & Performance Management (AAPM) is a 5-day course which covers advanced Nutanix administration and performance management topics. Students will learn how to use Prism Central to manage multiple clusters, configure and manage Nutanix Flow, configure and manage Nutanix Calm, and monitor and troubleshoot performance issues using Prism Central and command line utilities. This course is based on AOS 5.10.x, Prism Central 5.10.x, Calm 2.9.x, and Flow 1.0.x.

Goals – This course covers advanced topics such as:

- Prism Central – Prism Central is a VM that provides a single pane of glass for managing multiple clusters. Different aspects of Prism Central include Entitlements, Image Management, Network Management, Cluster Management, Monitoring, Alerts, Reports, Analysis, Operations, Administration, and Prism Central Upgrade.
- Flow – Flow is a feature that allows administrators to create and manage security policies and network segmentation. Flow includes the following features: Application Discovery, Application Visualization, Application Security Policy Management, Application Security Policy Monitoring, Application Security Policy Troubleshooting, Network Segmentation Policy Management, Network Segmentation Policy Monitoring, Network Segmentation Policy Troubleshooting.
- Calm – Calm is a self-service portal that allows administrators to create and manage blueprints, provision and manage applications, and monitor and troubleshoot applications and blueprints.
- Performance – Performance is a key aspect of any IT environment. Performance includes Performance Monitoring, Performance Analysis, and Performance Troubleshooting.
- Administration – Administration includes Entitlements – Authentication, Authorization, Accounting, and Identity Management, Cluster Management, Network Management, Image Management, Prism Central Upgrade, Prism Central Backup and Restore, and Prism Central Monitoring.

Audience

- Customers who are responsible for using or managing Nutanix Enterprise Cloud and want to become an expert in the operation and administration of Nutanix software and hardware.
- Partner Consultants who Sell, Deploy, Facilitate Training, Maintain, Administer, Support, and Develop Nutanix Solutions.

Prerequisites

- Nutanix Administrator Course (Administration of NTC Enterprise Cloud Platform) or Nutanix NCP-MCI Certification
- Nutanix Networking Course (Networking in Nutanix Enterprise Cloud) or Nutanix NCP-MCI Certification
- Nutanix Storage Course (Storage in Nutanix Enterprise Cloud) or Nutanix NCP-MCI Certification

Recommended Skills and Knowledge – [redacted]

Objectives

- Configure and manage Prism Central entitlements, including authentication, role-based access control, and identity management
- Configure and manage Prism Central image management
- Configure and manage Prism Central network management
- Configure and manage Prism Central cluster management
- Configure and manage Prism Central monitoring, alerts, and reports
- Configure and manage Prism Central analysis, operations, and administration
- Configure and manage Prism Central upgrade and backup and restore
- Configure and manage Nutanix Flow
- Configure and manage Nutanix Calm
- Monitor and troubleshoot performance issues using Prism Central and command line utilities

Programme

Day 1

- Introduction to Nutanix Managed Services
- Prism Central
  - Prism Central Basics, Prism Central Licensing and Prism Central Management
  - Prism Central Image Management
  - Prism Central Image Management Exercise

Day 2

- Prism Central
  - Prism Central Entitlements
  - Prism Central Entitlements Exercise
  - Prism Central Entitlements – Authentication, Authorization, and Identity Management Exercise
  - Prism Central Monitoring, Alerts, Reports, Analysis, and Operations
  - Prism Central Monitoring, Alerts, Reports, Analysis, and Operations Exercise
  - Prism Central Monitoring, Alerts, Reports, Analysis, and Operations Exercise – Advanced Topics
  - Prism Central Administration
  - Prism Central Administration Exercise

Day 3

- Prism Central
  - Prism Central Network Management
  - Prism Central Network Management Exercise
  - Prism Central Cluster Management
  - Prism Central Cluster Management Exercise
  - Prism Central Upgrade and Backup and Restore
  - Prism Central Upgrade and Backup and Restore Exercise
  - Prism Central Monitoring – Performance Monitoring
  - Prism Central Monitoring – Performance Monitoring Exercise

Day 4

- Prism Central
  - Prism Central Performance Analysis
  - Prism Central Performance Analysis Exercise
  - Prism Central Performance Troubleshooting
  - Prism Central Performance Troubleshooting Exercise
- Networking Overlay Network Using Flow Networking
  - Introduction to Flow
  - Introduction to Flow Exercise
  - Flow Application Discovery
  - Flow Application Discovery Exercise

Day 5

- Networking Overlay Network Using Flow Networking
  - Flow Application Visualization
  - Flow Application Visualization Exercise
  - Flow Application Security Policy
  - Flow Application Security Policy Exercise
  - Flow Application Security Policy Monitoring
  - Flow Application Security Policy Monitoring Exercise
  - Flow Application Security Policy Troubleshooting
  - Flow Application Security Policy Troubleshooting Exercise
- Networking Overlay Network Using Flow Networking
  - Flow Network Segmentation Policy Management
  - Flow Network Segmentation Policy Management Exercise
  - Flow Network Segmentation Policy Monitoring
  - Flow Network Segmentation Policy Monitoring Exercise
  - Flow Network Segmentation Policy Troubleshooting
  - Flow Network Segmentation Policy Troubleshooting Exercise

Day 6

- Nutanix Calm
  - Introduction to Nutanix Calm
  - Introduction to Nutanix Calm Exercise
  - Nutanix Calm Blueprints
  - Nutanix Calm Blueprints Exercise
  - Nutanix Calm Blueprints – Advanced Topics
  - Nutanix Calm Blueprints – Advanced Topics Exercise
  - Nutanix Calm Blueprints – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Blueprints – Advanced Topics Exercise – Advanced Topics – Advanced Topics
  - Nutanix Calm Blueprints – Advanced Topics Exercise – Advanced Topics – Advanced Topics – Advanced Topics
- Nutanix Calm
  - Nutanix Calm Applications
  - Nutanix Calm Applications Exercise
  - Nutanix Calm Applications – Advanced Topics
  - Nutanix Calm Applications – Advanced Topics Exercise
  - Nutanix Calm Administration
  - Nutanix Calm Administration Exercise

Day 7

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Day 8

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Day 9

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Day 10

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Day 11

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
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  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Day 12

- Nutanix Calm
  - Nutanix Calm Administration – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics
  - Nutanix Calm Administration – Advanced Topics Exercise – Advanced Topics – Advanced Topics
- Performance Analysis and Troubleshooting
  - Performance Analysis and Troubleshooting Exercise
  - Performance Analysis and Troubleshooting Exercise – Advanced Topics
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  - Performance Analysis and Troubleshooting Exercise – Advanced Topics – Advanced Topics – Advanced Topics

Test and Certification

- NCP-MCI – Nutanix Certified Professional – Multi-Cloud Infrastructure (NCP-MCI) [redacted]

Further Information

- Notes
- Delivery Language

Session Dates

Unfortunately there are no Scheduled Courses at this time. [redacted]

Additional Information

This training is also available as onsite training. Please contact our Sales Team for more details.