ARROW | Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Course Outline

Enterprise IT Architecture

Course Number: 1-EA-ARCHITECT

Duration: 5 Days

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

CODE	LENGTH	FORMAT
NCP-AAPM-6.7	60 Minutes (Proctored)	Multiple Choice

Description

Nutanix Advanced Administration & Performance Management (NCP-AAPM) is a 60-minute, proctored, multiple-choice exam. It validates the knowledge and skills required to administer, troubleshoot, and optimize Nutanix environments. AAPM is intended for IT operations administrators, cloud administrators, and infrastructure engineers responsible for the day-to-day operation, performance, and lifecycle management of Nutanix clusters and the workloads they support.

- **Storage** – Plan, configure, and optimize storage pools, different storage tiers (including Hybrid Multi-Cloud Storage), storage performance, storage efficiency, and storage-related troubleshooting.
- **Networking** – Administer and troubleshoot Nutanix networks, including VLANs, IP Address Management (IPAM), Virtual Networking, and Flow Network Security.
- **VM** – Administer and troubleshoot Nutanix VMs and Nutanix Volumes, including VM lifecycle management, performance tuning, and VM-related troubleshooting.
- **Security** – Administer security configurations, including Data at Rest Encryption, Data in Transit Encryption, and security-related troubleshooting.
- **Monitoring, Analytics and Automation** – Administer and troubleshoot Nutanix Prism Central, Nutanix Insights, and Nutanix Operations, including monitoring, analytics, and automation.
- **Administration** – Administer and troubleshoot Nutanix Prism Central, Nutanix Clusters, and Nutanix Backup and Disaster Recovery, including lifecycle management, upgrades, and administrative tasks.

Audiences

- Nutanix customers and partners who manage Nutanix Cloud Infrastructure (NCI) and Nutanix Unified Storage (NUS) environments
- Nutanix customers and partners who manage Nutanix Multi-Cloud Infrastructure (NMCI) environments

Prerequisites

- Nutanix Certified Professional - Multi-Cloud Infrastructure (NCP-MCI) recommended but not required, or equivalent knowledge of Nutanix multi-cluster environments
- Nutanix Certified Professional - Unified Storage (NCP-US) recommended but not required, or equivalent knowledge of Nutanix Unified Storage environments
- Knowledge of Nutanix Prism Central and Prism Element, or equivalent experience
- Knowledge of Nutanix Cloud Infrastructure (NCI) and Nutanix Unified Storage (NUS) environments, including cluster management, storage, networking, virtualization, and security
- Knowledge of Nutanix Multi-Cloud Infrastructure (NMCI) environments, including Nutanix Cloud Clusters (NCC) on Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP)
- Knowledge of Nutanix Data Lens, Nutanix Data Classification, Nutanix Backup and Disaster Recovery, Nutanix Flow Network Security, and Nutanix Operations

Objectives

Storage

- Plan and configure Storage Pools
- Plan and configure Nutanix Storage Containers
- Plan and configure Storage Tiers, including Hybrid Multi-Cloud Storage, storage performance, and storage efficiency
- Plan and configure Nutanix Volumes
- Plan and configure Nutanix Files
- Plan and configure Nutanix Objects
- Plan and configure Nutanix Data Protection
- Plan and configure Nutanix Disaster Recovery
- Plan and configure Nutanix Data Lens
- Plan and configure Nutanix Data Classification
- Plan and configure Nutanix Backup
- Plan and configure Nutanix Cloud Clusters (NCC)
- Plan and configure Nutanix Unified Storage (NUS)
- Plan and configure Nutanix Multi-Cloud Storage (NMCS)
- Plan and configure Nutanix Multi-Cloud Storage Tiering
- Plan and configure Nutanix Multi-Cloud Storage Cache
- Plan and configure Nutanix Multi-Cloud Storage Encryption
- Plan and configure Nutanix Multi-Cloud Storage Data Protection
- Plan and configure Nutanix Multi-Cloud Storage Data Lifecycle Management
- Plan and configure Nutanix Multi-Cloud Storage Data Lifecycle Management Policies
- Plan and configure Nutanix Multi-Cloud Storage Data Lifecycle Management Policy Exceptions
- Plan and configure Nutanix Multi-Cloud Storage Data Lifecycle Management Policy Exceptions Monitoring
- Plan and configure Nutanix Multi-Cloud Storage Data Lifecycle Management Policy Exceptions Troubleshooting

Networking

- Plan and configure Nutanix Virtual Networks
- Plan and configure Nutanix Virtual Network Subnets
- Plan and configure Nutanix Virtual Network Subnets Troubleshooting
- Plan and configure Nutanix Virtual Network Subnets Monitoring