Nutanix® Enterprise Cloud Platform Administration 5.0

COURSE DURATION AND DELIVERY METHODS
- Four (4) days, of instructor-led training.
- Instruction delivered in person; hands-on labs included.
- 15 modules, 24 hands-on labs

LOCATION AND SCHEDULE
Contact your Nutanix representative to schedule a private session at your location. For more information, please contact education@nutanix.com or visit http://www.nutanix.com/services/education.

TARGET AUDIENCE
Primary audience: IT administrators, architects, and business leaders who need to manage Nutanix clusters in the datacenter. Anyone seeking baseline preparation for the Nutanix Platform Professional (NPP) certifcation.

Secondary audience: Managers and technical staff seeking more detailed information before making a purchase decision.

PRE-REQUISITES
- Familiarity with traditional virtualization storage architectures.
- Comfort with Unix/Linux command line interface.

PRICING
Please contact your training provider for pricing, locations, and schedules. Please visit http://www.nutanix.com/services/education for more information.

PROGRAM OVERVIEW
The Nutanix Enterprise Cloud Platform Administration program covers all the tasks that Nutanix administrators perform on the job. Beginning with setting up the environment, it walks the participant through the process of configuring and maintaining that environment.

After introducing the basic concepts of the Enterprise Cloud Platform, participants will understand how to rack a Nutanix block, install and configure a cluster, and use different interfaces to manage a cluster.

The program then delves into the details of managing VMs in Acropolis, monitoring cluster health and performance, protecting data and optimizing cluster capacity, and performing in-place hypervisor conversion. Various failure scenarios in datacenters are presented and participants will learn how to implement strategies to safeguard their data.

Participants will also understand how to use Nutanix's Prism interface to monitor and manage multiple activities across clusters, review and analyze resource needs, and assess future resource requirements.

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Your Enterprise Cloud Platform

The program also covers basic Nutanix troubleshooting tools, including how to solve common problems and when to escalate to Nutanix support. Finally, participants will learn essential lifecycle operations, covering starting and stopping a cluster, shutting down nodes, expanding a cluster, upgrading the Acropolis software and firmware, and maintaining licensing.

PROGRAM OUTLINE
The modules included in the Nutanix Enterprise Cloud Administration course are:

- Introduction to the Nutanix Enterprise Cloud Platform
- Administering the Nutanix Cluster
- Configuring the Nutanix Cluster
- User Interfaces
- Health Monitoring and Alerts
- Networking
- VM Management
- Distributed Storage Fabric
- AHV Workload Migration
- Services
- Business Continuity
- Data Protection
- Prism Central
- Concluding the Installation
- Lifecycle Operations

OBJECTIVES
During this program, attendees will:

- Develop a working knowledge of the Nutanix product family.
- Understand the requirements and considerations involved in setting up a Nutanix cluster.
- Familiarize themselves with cluster management and monitoring via the Prism web console.
- Learn how to create, manage, and migrate VMs, set up data protection services, and plan for business continuity.
- Understand how to plan and handle upgrades, assess future requirements, and create what-if scenarios to adress scaling for business needs.

BENEFITS
After completing this program, attendees will:

- Be able to maximize value of investment through optimal configuration and operation of the Nutanix cluster.
- Ensure business continuity by implementing an integrated data protection strategy.
- Gain hands-on experience with new features in a safe lab environment.
- Validate skills by preparing for and completing the Nutanix Platform Professional certification.