

Nutanix Enterprise AI Administration (NAIA)

Duration: 2 Days

Description

Step into the future of enterprise AI with the Nutanix Enterprise AI Administration (NAIA) course—your gateway to deploying and managing cutting-edge GenAI solutions while keeping your data and infrastructure firmly under your control.

This course equips you with everything you need to confidently roll out NAI in your organization. From selecting the right Kubernetes versions and GPU configurations to setting up storage classes, services, and applications, you'll gain a comprehensive understanding of the deployment process.

Explore how to build and manage Kubernetes clusters across leading platforms like Nutanix Kubernetes Platform (NKP), Amazon EKS, Azure AKS, and Google GKE. Dive into the installation of NAI and master essential administrative tasks such as user management, model imports, endpoint configuration, and API key handling.

You'll also learn how to monitor system performance with real-time metrics, leverage built-in audit tools for transparency, and investigate common issues with confidence.

Whether you're an IT administrator, DevOps engineer, or AI enthusiast, this course will empower you to bring GenAI to life in your enterprise environment. Ready to lead your organization into the AI era? Enroll in NAIA today!

Audience

- IT admins, AI/ML admins, AI/ML/platform engineers, and similar job roles who deploy and manage an organization's AI solutions
- Anyone seeking the Nutanix Certified Professional - Artificial Intelligence (NCP-AI) certification

Prerequisites

Working knowledge of Kubernetes, covering installation, management, and troubleshooting.

Course Outline

1. Introduction to Nutanix Enterprise AI (NAI)

- What is NAI?
- Features and Benefits
- Architecture Overview

2. Preparing to Install NAI

- NAI Workflow
- License Types
- Requirements and Limitations
- Overview of Setting Up a Kubernetes Cluster (NKP, EKS, AKS, GKE)
- Downloading NAI Product Files
- Using the Nutanix Docker Hub Private Repository

3. Installing and Logging into NAI

- Installing NAI Manually
- Installing NAI on an NKP Cluster
- Installing NAI on a Kubernetes Cluster
- Installing NAI in an Air-Gapped Environment
- Exploring the NAI Interface

4. Post-installation Configuration Tasks

- Viewing User Roles
- Creating, Updating, Activating, and Deactivating Users
- Adding Hugging Face and NVIDIA NGC Access Tokens

5. Working with Models, Endpoints, and API Keys

- Importing and Deleting LLMs
- Viewing the Attributes of Imported LLMs
- Creating, Hibernating, Deleting, and Testing Endpoints
- Accessing an Endpoint's Sample API Code
- Creating, Assigning, Activating, Deactivating, and Deleting API Keys

6. Monitoring

- Viewing Cluster, Node, and Health Metrics
- Viewing Audit Events

7. Investigating Issues

- Investigating Performance Issues
- Collecting Logs
- Collecting Additional Data

Related Certification

- [Nutanix Certified Professional - Artificial Intelligence \(NCP-AI\)](#)