Nutanix Database management & Automation (NX-NDMA)

Course Description

This course teaches you the skills needed to install, configure, and operate Nutanix Era for the purpose of managing databases.
The installation and management of databases themselves is not part of this course.

Course Duration
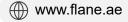
2 days

Prerequisites

This advanced course requires you to possess a basic Nutanix system administration skill set which includes:

- Familiarity with traditional virtualization storage architectures
- Hands-on experience with the Prism and Command-line interfaces
- An understanding of Nutanix core concepts and definitions, which can be found here

These skills can be acquired by attending one of our basic admin courses (Enterprise Cloud Administration), or through on-the-job experience by working on a Nutanix system for at least 6 months.

Course Outline

- Introduction to Database Automation

    - o Understanding Database-as-a-Service
    - o Understanding Nutanix Era Terminology and Concepts
    - o The Nutanix Solution for Database-as-a-Service

- Configuring and Operating Nutanix Era

    - o Understanding the Era Workflow
    - o Installing and Configuring Nutanix Era
    - o Nutanix Era High Availability
    - o Registering an Existing Database
    - o Creating Profiles
    - o Provisioning a New Database
    - o Patching a Database

- Administering, Monitoring, and Troubleshooting Nutanix Era

    - o Administering Nutanix Era
    - o Implementing Role-based Access Control and Managing Users
    - o Adding Nutanix Clusters to Era

- Upgrading Nutanix Era

    - o Monitoring Nutanix Era
    - o Understanding the Era Dashboard
    - o Using Tags for Database Inventory Management

- o Working Alerts
- o Investigating Issues with Nutanix Era

- Protecting and Restoring Databases (Time Machine Operations)
  Era Time Machine

  - o Managing SLAs Schedules
  - o Prerequisites for Snapshot Creation, Replication, and Deletion
  - o Cloning Databases
  - o Database Log Management
  - o Refreshing Clones
  - o Restoring Source Databases
  - o Terms and Conditions

Who Should Attend

IT administrators who manage Nutanix clusters and want a deep dive into database administration using Nutanix Era

Anyone pursuing the Nutanix Certified Professional - Database Automation (NCP-DB) certification