Nutanix Database Management and Automations

Durée: 2 Jours Réf de cours: NDMA

Résumé:

This course teaches you the skills needed to install, configure, and operate Nutanix Database Service (NDB).
Note: The installation and management of databases themselves is not part of this course.
Updated 03/2026

Public visé:

- Database administrators who manage Nutanix clusters and want a detailed deep dive into database administration using NDB
- Anyone pursuing the Nutanix Certified Professional - Database Automation (NCP-DB) certification

Objectifs pédagogiques:

- In this course, you will explore a number of subjects including:
- The what, how, why, and benefits of database-as-a-service (DBaaS)
- Important NDB terms and concepts, like copy data management, time machine, provisioning profiles, and data access management
- Implementing role-based access control (RBAC), including working with built-in and custom roles, and managing users and groups
- Adding multiple clusters to NDB, working with Nutanix Guest Tools, and registering a Nutanix cluster with NDB
- Monitoring and investigating issues with NDB, using alert policies and notifications, and collecting logs
- Operations involved in protecting and restoring databases, including creating snapshots, cloning databases, log catch-up operations, refreshing clones, and restoring source databases

Pré-requis:

- This advanced course requires you to possess a basic Nutanix system administration skill set which includes:
- Familiarity with traditional virtualization architectures and Nutanix cloud infrastructure.
- Hands-on experience with the Prism interface.
- An understanding of Nutanix core concepts and definitions
- These skills can be acquired by attending our Enterprise Cloud Administration (ECA) course, or through on-the-job experience by working on a Nutanix system for at least 6 months.
- GK9915 - Nutanix Enterprise Cloud Platform Administration

Test et certification

- Nutanix Certified Professional - Database Automation (NCP-DB)

Contenu:

1: Introduction to Database Automation

- Understanding DBaaS
- Understanding NBD Terminology and Concepts
- The Nutanix Solution for DBaaS

2: Configuring and Operating NDB

- Understanding the NDB Workflow
- Installing and Configuring NDB
- Exploring the NDB Dashboard
- Creating Profiles
- Registering an Existing Database
- Provisioning a New Database
- Patching, Upgrading, and Scaling Databases
- Upgrading NDB

Hands-on Labs:

- Deploying NDB
- Configuring an NDB Instance
- Getting Started with a PostgreSQL Database
- Adjusting UI Timeout and Upgrading NDB
- Working with NDB Profiles
- Registering Existing Databases
- Provisioning, Patching, and Removing Databases
- Implementing RBAC and Managing Users
- Using Tags for Database Inventory Management
- Working with Alerts
- Generating and Downloading a Diagnostics Bundle
- Enabling NDB Multi-Cluster
- Provisioning a Database to a New Cluster
- Provisioning a HA Database
- Creating SLAs
- Cloning Databases
- Creating and Replicating Snapshots
- Restoring a Database from a Snapshot

3: Administering and Monitoring NDB

- Implementing RBAC and Managing Users
- Managing Multiple Clusters with NDB
- Working with Maintenance Windows
- NDB High Availability
- Using Tags for Database Inventory Management
- Working with Alerts
- Investigating Issues with NDB

Hands-on Labs:

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4: Protecting and Restoring Databases

- Understanding Time Machine
- Managing SLAs Schedules
- Preparing for Snapshot Creation, Replication, and Deletion
- Cloning Databases
- Database Log Management
- Refreshing and Removing Clones
- Restoring Source Databases

Hands-on Labs:

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- Registering Existing Databases
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Autres moyens pédagogiques et de suivi:

• Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
• Suivi d'exécution : Une feuille d'émargement par demi-journée de présence est signée par tous les participants et le formateur.
• En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

• Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
• Votre place sera confirmée à la réception d'un devis ou """"booking form"""" signé. Vous recevrez ensuite la convocation et les modalités