

Nutanix Certified Professional - Database Automation (NCP-DB)



PROGRAM OVERVIEW

The Nutanix Certified Professional - Database Automation certification validates a candidate's skills and abilities to deploy, administer, optimize, and troubleshoot database workloads using Nutanix Era.

Successful candidates ideally have 1-2 years of Nutanix database management experience, while also having at least 6 months of Nutanix Era experience. Candidates should be capable of successfully provisioning, patching, protecting, and cloning Nutanix Era-managed databases.

For complete details on the program and its requirements, download the NCP-DB Exam Blueprint Guide from nutanix.com/certification.

EXAM DETAILS

- Number of Questions: 75
- Question Format: Multiple Choice
- Time Limit: 120 minutes
- Language: English, Japanese, Simplified Chinese

PRICING

- The cost is USD \$199 per attempt

KNOWLEDGE OBJECTIVES

SECTION 1 - DESCRIBE NUTANIX ERA CONCEPTS

- Define database terminology
- Describe Era features and benefits

SECTION 2 - DEPLOY AND CONFIGURE A NUTANIX ERA SOLUTION

- Deploy an Era VM
- Configure an Era instance

SECTION 3 - MONITOR AND REPORT ON AN NUTANIX ERA IMPLEMENTATION

- Monitor alerts
- Monitor storage usage
- Report on database inventory

SECTION 4 – OPERATE AND MAINTAIN A NUTANIX ERA ENVIRONMENT

- Apply procedural concepts to register database server VMs and databases
- Apply procedural concepts to provision databases
- Apply procedural concepts to test and publish database patches
- Describe steps to apply database patches
- Upgrade databases
- Given a scenario, troubleshoot Era operations

SECTION 5 – PROTECT A NUTANIX ERA IMPLEMENTATION USING TIME MACHINE

- Create, delete, and modify SLA retention policies
- Given business requirements, perform a database clone
- Apply procedural concepts to restore source databases
- Refresh clones
- Apply policies to back up databases

SECTION 6 – ADMINISTER A NUTANIX ERA CLUSTER ENVIRONMENT

- Manage Era profiles
- Perform Era software updates
- Apply procedural concepts to add Nutanix clusters to Era
- Manage networks in Era
- Manage RBAC controls
- Identify how to use Era APIs and CLI

BENEFITS

Once you earn NCP-DB certification you join an exclusive community of Nutanix certified personnel, and earn more tangible benefits as well:

- Use of the NCP-DB logo
- NCP-DB Digital Badge from Credly
- Access to the Nutanix Certification store
- Discounts on Nutanix events
- Early access to educational programs

RELATED TRAINING & EXAM PREP RESOURCES

You can find more information on this course, including delivery methods and pricing, at nutanix.com/training.

Nutanix Database Management & Automation Training Course

The course teaches you the skills needed to install, configure, operate, and manage Nutanix Era. The NDMA course explores a number of subjects, including:

- The what, how, why, and benefits of database-as-a-service (DBaaS).
- Important Nutanix Era 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 Nutanix Era, working with Nutanix Guest Tools, and registering a Nutanix cluster with Era.
- Monitoring and investigating issues with Nutanix Era, including alert policies, notifications, and log collection.
- Operations involved in protecting and restoring databases, including creating snapshots, cloning databases, log catch-up operations, refreshing clones, and restoring source databases.

Note: While this course is recommended for those pursuing NCP-DB certification, it is NOT required.

Other Resources

- [Certification Community](#)
- [The Nutanix Bible](#)
- [Nutanix University on YouTube](#)