

Database Migration Planning

Product Code: CNS-DBM-A-WRK-MIG-STD

At-a-Glance

Stage: Migrate

The Database Migration Planning offers database teams in-depth and practical guidance to create a comprehensive database migration plan for migrating databases to the Nutanix Cloud Platform (NCP). Additionally, highly skilled consultants migrate a test database. This offer benefits the Migrate stage of a hybrid multicloud journey.

Related Services

- Database Migration

Service Scope

Highly skilled consultants with solid database domain expertise and rich experience begin with a discovery session that collects availability requirements, current and desired database versions, application dependencies, and maintenance windows. The consultant then conducts a migration planning session based on the discussions undertaken during the discovery session and creates a migration plan. Migration of a test database is also performed. This engagement requires collaboration with key customer stakeholders from architecture, virtualization, and database teams.

The service includes the following activities:

- Conduct a database migration discovery session:
 - Discuss migration goals such as availability requirements, current and desired database versions, application dependencies, and maintenance windows.
- Conduct Database Migration Planning:
 - Discuss migration options and constraints for each migration method based on the database versions, operating system, and application availability
 - Review database sizing and performance requirements
- Create database migration plan and rollback options
- Conduct migration of a test database to NCP

Project Management

Nutanix Project Management (PM) oversees Nutanix resources and aligns execution with your goals, scope, and timelines.

Core project management activities may include the following:

- Serve as a single point of contact for all project communication
- End-to-end Nutanix resource management
- Coordinate change window(s) and implementation schedules with customer
- Track and facilitate readiness and prerequisite completion

- Conduct project kickoff/technical readiness meeting(s)
- Integrate customer resources into the high-level project timeline
- Send status update(s)
- Manage timeline(s)
- Deliver created artifacts to the customer
- Facilitate project closeout activities

Limitations

- For each quantity purchased, database migration planning is limited to 5 of one of the supported databases listed below
- Database migration is limited to one of the supported databases listed below and one test database of 200 GB of total database size

Supported Databases

- Microsoft SQL Server
- Oracle
- PostgreSQL

Supported Hypervisors

- Nutanix AHV
- VMware ESXi

Project Management

- Excludes scheduling customer resources and activities
- Excludes detailed project plan (schedule) development and management
- Excludes responsibility for creating, managing, or delivering change management communications

Prerequisites

- Fully supported and functional on-premises NCI cluster or Nutanix Cloud Clusters (NC2) that meets all product requirements

Note: For information on the requirements for NCI Clusters, see Field Installation Overview in the Field Installation Guide on the Nutanix Support Portal.

- Completed Database Configuration Worksheet
- Template VM for a supported database type

Note: For information on the supported AOS, AHV, and vSphere software versions for NDB, see NDB Software Compatibility with Nutanix and VMware Product in *Nutanix Database Service Release Notes* on the Nutanix Support Portal.

Required Product Licenses

- Nutanix Cloud Infrastructure (NCI)

- Hypervisor licenses for NCI
- Database software licenses for target databases

Delivered Artifacts

Delivered Artifact	Description
Migration Plan	Defines the end-to-end approach for migrating workloads to the target environment, detailing scope, sequencing, roles and responsibilities, timelines, dependencies, risks, and rollback considerations to enable a controlled and predictable migration.
Migration Summary	Provides an executive-level overview of the migration, summarizing scope, migration approach, workload volumes, key decisions, risks, assumptions, and overall outcomes to give stakeholders a clear understanding of progress, status, and next steps.

Level of Effort

Typically up to 3 days

Delivery Type

Delivery Type	Delivery Activities
In-person	<ul style="list-style-type: none">• In-person planning session• Virtual documentation• Virtual project management <p>Note: Any in-person project management activities provided solely at Nutanix's discretion</p>

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)
- Nutanix Database Service (NDB)

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