NDB Deployment and Database Migration

Product Code: CNS-DBM-STR-STD

At-a-Glance

Stage: Deploy and Migrate

The Nutanix Database Services (NDB) Deployment and Database Migration service 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 the databases and deploy and configure NDB. This offer benefits the Deploy and Migrate stages of a hybrid multicloud journey.

Service Scope

Highly skilled consultants with solid database domain expertise and rich experience begin with a database migration planning workshop. After the migration workshop, the consultant develops a Migration Plan document and migrates the databases. The consultant then deploys and configures NDB and demonstrates database lifecycle management with NDB. Database workshops require collaboration with key customer stakeholders from architecture, virtualization, and database teams.

The service the following activities:

Database Migration Planning and Migration

- Conduct a database migration planning workshop
- Create database migration plan and rollback options
- Deploy a database virtual machine (VM) and an empty database
- Validate source and target database(s)
- Migrate database(s)
- Validate the migrated database(s)

Database Reference VM Creation

- Collect Reference VM details
- Build Reference VM to meet NDB requirements
- Discuss recommended practices implemented in the Reference VM

NDB Deployment

- Conduct an architectural overview and review of NCI and NDB components
- Review NDB features and functionality
- Deploy and configure NDB
- Demonstrate the use of NDB based on the use case

Limitations

- For each quantity purchased, NDB deployment is limited to a single on-premises NCI or NC2 cluster
- Database migration is limited to 2 databases of the same supported database listed below or 2 TiB of total database size in a single migration wave
- Database Reference VM creation is limited to a single Reference VM of one of the supported databases listed below
- Database lifecycle management with NDB demonstration is limited to a single instance/database of supported database type

Supported Databases

- Microsoft SQL Server
- Oracle
- PostgreSQL

Supported Hypervisors

- Nutanix AHV
- VMware ESXi

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)
- Nutanix Database Service (NDB)
- Hypervisor licenses for NCI
- Database software licenses for target databases

Delivered Artifacts

- Migration Plan
- Migration Procedure
- Migration Summary

- As-built Guide

Level of Effort

Typically up to 9 days

Delivery Type

Delivery Type	Delivery Activities
Virtual	- Virtual delivery

Related Products

- Nutanix Cloud Infrastructure (NCI)

- Nutanix Cloud Clusters (NC2)

- Nutanix Database Service (NDB)

Terms and Conditions