

Database FitCheck

Product Code: CNS-DBM-A-SVC-FIT

At-a-Glance

Stage: Optimize

The Database FitCheck offers database teams in-depth and practical guidance to identify potential performance issues, misconfiguration, and recommended practices for databases running on Nutanix Cloud Infrastructure (NCI) clusters or Nutanix Cloud Clusters (NC2). The offer proves potentially beneficial during the Optimize stage of a hybrid multicloud journey, especially for complex database solutions such as Database-as-a-Service (DBaaS). By leveraging the insights gained from performing the FitCheck, database teams can ensure an optimized and high-performing database environment.

Service Scope

A series of workshops are delivered by highly skilled consultants with strong database domain expertise and rich experience to evaluate existing supported databases deployed on a single on-premises NCI cluster or NC2 according to Nutanix recommended practices. After the assessment, the consultant creates a customized Findings Report with the current configuration of the databases and recommended remediations.

The service includes the following activities:

- Discover pain points and collect data on previous and existing support tickets
- Conduct a series of workshops with key customer stakeholders and subject matter experts (SMEs) to review recommended practices in various layers of the full technology stack, including NCI/NC2, hypervisor, and database
- Assess the current full-stack deployment in terms of configuration, operations, and usage
- Review the environment post-deployment to confirm a supported configuration that is aligned with Nutanix recommended practices
- Provide clear recommendations to improve the performance, manageability, and scalability of the database environment
- Serve as a reference to review recommended practices and communicate current infrastructure and database issues to stakeholders

Limitations

- For each quantity purchased, the Database FitCheck is limited to a single database virtual machine.
- Excludes remediation of identified issues but is available as a custom statement of work (SOW)

Supported Databases

- Microsoft SQL Server
- Oracle
- PostgreSQL

Supported Hypervisors

- Nutanix AHV
- VMware ESXi

Prerequisites

- NCI Cluster FitCheck is required for all on-premises NCI cluster or NC2 clusters running the database virtual machines included in the Database FitCheck quantity purchased.
- Supported and functional on-premises NCI cluster or NC2

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
- Customer-provided database and database virtual machine (VM) performance metrics

Required Product Licenses

- Nutanix Cloud Infrastructure (NCI)
- Hypervisor licenses for NCI
- Database software licenses

Delivered Artifacts

- As-built Guide(s)
- FitCheck Findings Presentation (optional)
- FitCheck Report

Level of Effort

Typically up to 3-1/2-days for the first database and 6 hours for each additional database

Delivery Type

Delivery Type	Delivery Activities
Virtual	<ul style="list-style-type: none">• Virtual delivery

Related Products

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

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