NCI Cluster FitCheck

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

At-a-Glance

Stage: Optimize

The Nutanix Cloud Infrastructure (NCI) FitCheck offers IT teams in-depth and practical guidance to identify potential performance issues, misconfiguration, and recommended practices for Nutanix Cloud Infrastructure (NCI), Nutanix Cloud Clusters (NC2), or dedicated Nutanix Unified Storage (NUS) clusters. The offer proves potentially beneficial during the Optimize stage of a hybrid multicloud journey. By leveraging the insights gained from performing the FitCheck, IT teams can ensure an optimized and high-performing NCI environment.

Service Scope

Highly skilled consultants with solid domain expertise and rich experience evaluate existing NCI, NC2, or dedicated NUS clusters according to Nutanix recommended practices. After the assessment, the consultant creates a customized Findings Report with the current configuration of the clusters and recommended remediations.

Starter Edition

The Starter Edition is for basic on-premises NCI or NC2 clusters without any NUS data services and includes the following activities:

- Collect data and conduct assessment of Nutanix AOS and hypervisor cluster
- Review layer 2 virtual networking
    - Review hypervisor vSwitch configuration
- Review NCI cluster deployment and configuration, including firmware and AOS
- Review hypervisor cluster configuration on the deployed NCI clusters
    - For VMware vSphere clusters, review existing vCenter or VCSA configuration
    - For Microsoft Hyper-V clusters Review existing System Center Virtual Machine Manager configuration
- Review existing Prism Central deployment and integration (optional)
- Review existing operational procedures
- Generate as-built documentation for the current NCI cluster configuration

Pro Edition

The Pro Edition is appropriate for an assessment of on-premises NCI or NC2 clusters with Nutanix Unified Storage (NUS) data services or dedicated NUS clusters and includes the following activities:

The service includes the following activities:

- Everything included in the Starter Edition
- Review configuration and usage of one of the NUS Files, Volumes, or Objects data service

Ultimate Edition

The Ultimate Edition is appropriate for an assessment of on-premises NCI or NC2 clusters with any combination of the available Nutanix Unified Storage (NUS) data services or dedicated NUS clusters. The Ultimate Edition is also appropriate for NCI or NC2 clusters leveraging NCI native disaster recovery (DR) solutions and includes the following activities:

- Everything included in the Starter Edition
- Review configuration and usage of any combination of the NUS Files, Volumes, or Objects data services
- Review configuration and usage of NCI DR solutions

Limitations

- For each quantity purchased, assessment is limited to a maximum of 64 nodes distributed in up to 4 NCI or dedicated NUS clusters of a single hypervisor type at a single physical site
- Excludes remediation of identified issues but is available as a custom statement of work (SOW)
- Review hypervisor vSwitch configuration limited to 2 vSwitches and 5 port groups

Supported Source Hypervisors

- Nutanix AHV
- VMware ESXi
- Microsoft Hyper-V

Prerequisites

- Fully supported and functional NCI, NC2, or dedicated NUS cluster that meets all product requirements for the selected hypervisor, NCI, and NUS (as required)

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

Required Product Licenses

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Unified Storage (NUS)
- Hypervisor licenses for NCI

Deliverables

- Project Kickoff
- Project Schedule
- Project Status Report(s)
- As-built Guide(s)
- FitCheck Findings Presentation (optional)
- FitCheck Report
- Project Closeout

Duration

Starter	Pro	Ultimate
Typically 2-3 days	Typically 3-4 Days	Typically 4-5 days

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Cloud Clusters (NC2)
- Nutanix Unified Storage (NUS)
- End User Computing (EUC)
- Nutanix Database Service (NDB)

Terms and Conditions

Nutanix Unified Storage (NUS) Services