

# EUC FitCheck

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

## At-a-Glance

### Stage: Optimize

The End User Computing (EUC) FitCheck service provides in-depth and practical guidance to identify potential performance issues, misconfigurations, and recommended practices for EUC workloads running on Nutanix Cloud Infrastructure (NCI) clusters. By leveraging the expertise gained from the FitCheck, EUC teams can ensure an optimized and performant EUC environment.

## Service Scope

Highly skilled consultants with solid domain expertise and rich experience evaluate the EUC solution and Nutanix Cloud Platform (NCP) together, ensuring adherence to Nutanix and industry-recommended best practices. After the assessment, the consultant develops a customized Nutanix findings document that includes the current configuration of the on-premises NCI cluster together with highlighted observations made during the engagement.

### Starter Edition

For customers requiring an entry-level assessment of the EUC environment on Nutanix.

The service 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 on-premises 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
- Collect data and assess the EUC infrastructure for a single physical site/pod
- Review Layer 2 virtual networking of the Nutanix and hypervisor Clusters
- Review hypervisor cluster configuration on the deployed NCI Clusters according to Nutanix EUC recommended practices
- Review Gold Image optimizations for Gold Image(s)
- Review Citrix UPM, Omnisys Dynamic Environment Manager (DEM), FSLogix Profile and Office Data Container (ODFC) Containers, or Dizzion Frame Enterprise user-profiles and folder redirection configurations

- Review existing operational procedures for the EUC environment
- Document observed virtual machine (VM) resource usage based upon Prism and vCenter reported statistics
- Review configuration and usage of Nutanix Unified Storage (NUS) Files for the EUC use case only

## Pro Edition

For customers with a more comprehensive EUC infrastructure or needing deeper insights and tuning. This option appropriately assesses EUC performance and scalability, including Disaster Recovery (DR) and active-active EUC environments.

The service includes the following activities:

- Everything included in the Starter Edition
- Collect data and conduct an assessment of EUC infrastructure for multiple sites/pods
- Review data protection configuration for infrastructure
- Review configuration and usage of Nutanix Asynchronous, NearSync, Synchronous DR, and Metro Availability DR and EUC DR plans
- Review active-active EUC infrastructure and configuration
  - NetScaler (global server load balancers (GSLB))
  - Storefront replication
- Deploy Liquidware Stratusphere UX
- Deploy hub appliance (optional)
- Assist in deploying connector ID key agent on the desktops
- Provide a detailed assessment of VM, application, and user resource usage
- Evaluate login time behaviors
- Review Gold Image optimizations for Gold Image(s)

## Ultimate Edition

For customers with sophisticated EUC infrastructures that leverage advanced profile and application management, multisite EUC environments, and advanced availability and DR functionality.

The service includes the following activities:

- Everything included in the Pro Edition
  - Review configuration of advanced profile managers (Citrix Workplace Environment Management (WEM), Omnisia DEM)
- Review configuration of user and application layering (Citrix App Layering, Omnisia App Volumes, Liquidware FlexApp, and Microsoft FSLogix with Cloud Cache)

## Limitations

- For each quantity purchased, FitCheck is limited to a single physical site with a maximum of 128 nodes distributed in up to 4 on-premises NCI clusters of a single hypervisor-supported platform.
- Each FitCheck covers a single EUC broker deployment

- Excludes executing recommended changes: Executing recommended changes is available as a custom statement of work (SOW).

## Starter Edition

- Up to 2 gold image templates
- Limited to FSLogix Profile and Office 365 containers

## Pro and Ultimate Edition

- Up to 30 days of data collection
- Up to 500 users / 500 desktops
- Up to 5 Gold Images
- Limited to NetScaler GSLB active-active configuration
- Limited to storefront multisite aggregation replication

## Supported EUC Brokers

- Citrix Virtual Apps and Desktops
- Citrix DaaS
- Omnisia Horizon
- Dizzion Frame

## Prerequisites

- Fully supported and functional on-premises NCI cluster 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.

## Required Product Licenses

- Nutanix Cloud Infrastructure (NCI)
- Hypervisor licenses for NCI
- EUC Broker licensing
- Liquidware Stratusphere UX licensing is supplied, but it is limited to the specific scope defined above

**Note:** Additional agents or data collection period requires an additional license purchase

## Delivered Artifacts

- FitCheck Finding Presentation (optional)
- FitCheck Report

## Duration

Starter	Pro	Ultimate
Typically 3-5 days	Typically 6-8 days + data collection	Typically 7-10 days + data collection

## Related Products

- Nutanix Cloud Infrastructure (NCI)
- End User Computing (EUC)

## Terms and Conditions

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