NUS Files Operations Workshop

Product Code: CNS-NUS-A-WRK-OPS

At-a-Glance

Stage: Operate

The Nutanix Unified Storage (NUS) Files Operations Workshop offers IT teams in-depth insights and practical hands-on experience to successfully operate the NUS Files environment and perform advanced operations and troubleshooting. The workshop benefits customers who want to accelerate the preparation of new or existing operations team members. This workshop is beneficial during the Operate stage of a hybrid multicloud journey.

Service Scope

Delivered by highly skilled consultants with strong domain expertise and rich experience who begin the workshop with an overview of the NUS Files architecture and proceed to deep dive into operations, advanced concepts, and troubleshooting. The workshop combines theory and hands-on labs using the customer's deployed on-premises NCI, dedicated NUS, or NC2 Cluster.

Upon completion of the workshop, operations teams will:

- Have an advanced understanding of the NUS Files architecture

- Be capable of operating the NUS Files clusters at scale

- Be comfortable with advanced NUS Files configuration

- Understand processes to follow during troubleshooting

The workshop covers the following topics and activities:

Nutanix Unified Storage Architecture Overview

- NUS Files overview

- NUS Files architecture and components

- NUS Files analytics /Data Lens overview

NUS Files Management

- Deploy and configure new NUS Files instances

- Upgrade operations

- Review the operation of shares, nested shares, multiprotocol, and features

    o How to manage continuously available shares

    o How to manage nested shares and exports

    o How to manage connected shares

- Questions and answers session, scenarios, challenges

NUS Files Advanced Administration

- Disaster recovery (DR)
- ICAP configuration
- Data tiering
- FSVM components and services
- AFS CLI
- Log locations
- Monitoring/managing current CIFS/NFS sessions (client side only)
- Enabling SYM links

Advanced Troubleshooting

- Health checks
- How to enforce rights or ownership of files and folders
- How to troubleshoot connectivity issues between files and files analytics
- How to troubleshoot connectivity issues between files and AV (ICAP)
- Working with Nutanix Support

Nutanix Move – NUS Files Migration

- Requirements
- Unsupported features
- Creating a NUS Files migration plan
- Checking status using AFS CLI
- Perform cutover and confirm completion

Demo or Hands-on Labs:

- NUS Files Management
  - o Deploy and configure NUS Files instances
  - o Upgrade
  - o DR
  - o ICAP
  - o SYM Links
  - o Analytics / Data Lens
- Advanced Troubleshooting Demo
  - o Collecting Logs
  - o Troubleshooting connectivity issues
  - o Health Checks
  - o Support Portal

NUTANIX

Limitations

- For each quantity purchased, Hands-on Labs are limited to a single on-premises NCI, dedicated NUS cluster, or NC2 cluster at a single physical site
- Workshop is limited to a maximum of 10 attendees

Supported Hypervisors

- Nutanix AHV

Prerequisites

- Fully supported and functional on-premises NCI cluster, dedicated NUS cluster, or NC2 cluster that meets all product requirements

  Note: For information on NUS Files prerequisites, see Prerequisites in *Nutanix Files User's Guide* on the Nutanix Support Portal.

Required Product Licenses

NCI and NC2 Clusters

- NCI
- NUS Pro Edition

Dedicated NUS Clusters

- Nutanix Unified Storage (NUS) Pro Edition

Deliverables

- Project Kickoff
- Project Schedule
- Workshop
- Labs
- Project Closeout

Duration

Typically 2 days, delivered consecutively

Related Products

- Nutanix Cloud Infrastructure (NCI)
- Nutanix Unified Storage (NUS)

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