Title: Guide to Provisioning a New NAS Share

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Version: 2.0

1. Overview

This document provides the procedure for creating a new shared folder on the central NAS (`DL-NAS-01`) for a department or project.

2. Procedure

- **Step 1: Gather Requirements via Jira Ticket**

  - **Share Name:** (e.g., "Marketing_Campaign_Fall25")
  - **Size Quota:** (e.g., "50GB")
  - **Access Groups:** Which Active Directory groups need Read-Write or Read-Only access.

- **Step 2: Create the Share (Manual)**

  - Log into the NAS web administration interface.
  - Navigate to `Control Panel > Shared Folder`.
  - Click `Create` and enter the Share Name.
  - Set the size quota as specified in the ticket.
  - **IMPORTANT:** Do NOT set permissions in the web interface. Leave them as default.

- **Step 3: Set Permissions (Automated)**

  - SSH into the management server `DL-TOOL-PROD-01`.
  - Navigate to the scripts directory: `cd /opt/it-automation/nas/`
  - Execute the permissions script with the share name and AD groups.
  - **Syntax:** `./set_nas_permissions.sh --share Marketing_Campaign_Fall25 --rw-group "DL-Marketing-Users" --ro-group "DL-Finance-Auditors"`
  - This script connects to the NAS and correctly applies the complex NTFS/POSIX permissions required for cross-platform (Windows/Mac/Linux) access.

- **Step 4: Notify User**

  - Reply to the Jira ticket with the UNC path to the share (e.g., `\\DL-NAS-01\Marketing_Campaign_Fall25`).
  - Resolve the ticket.