NFS Home Directory

Objective

Create a secure shared NFS home directory for SSH access across multiple servers using the user's username.

Requirements

Shared directory path: /nfs/incoming/home/<username>

Ownership set to the user

Permissions set to 700

Implementation

Created the directory using mkdir with parent paths

Assigned ownership to the user

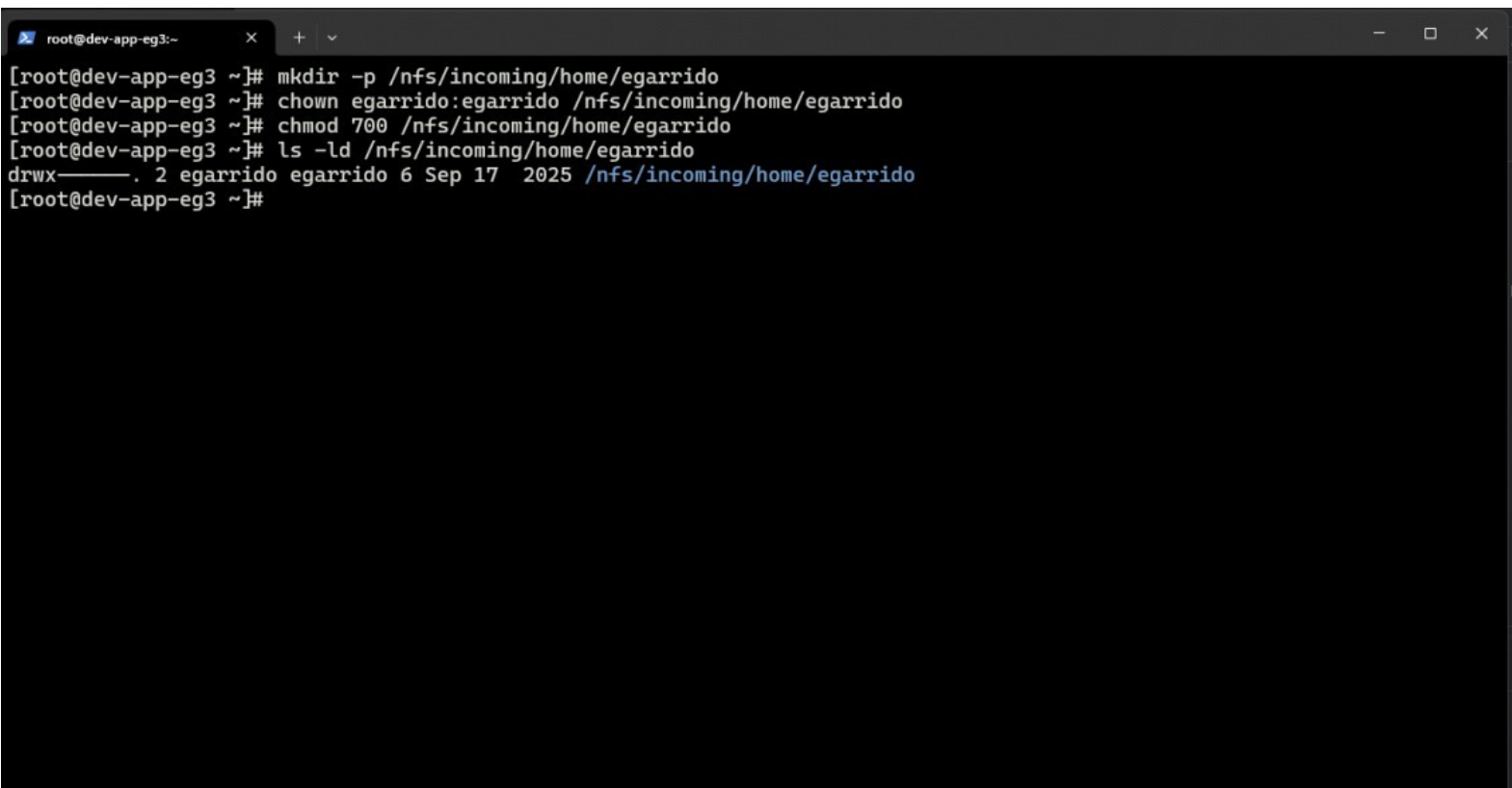Applied restrictive permissions (700)

Verified ownership and permissions

Verification

Used ls -ld to confirm correct ownership and permissions on the NFS directory.

Outcome

A secure, user-owned NFS home directory is available and consistent across servers, enabling seamless SSH access.

Created a user-specific directory on the NFS-mounted filesystem, set proper ownership to the user, applied secure permissions, and verified the configuration using ls -ld.

```
[root@dev-app-eg3 ~]# mkdir -p /nfs/incoming/home/egarrido
[root@dev-app-eg3 ~]# chown egarrido:egarrido /nfs/incoming/home/egarrido
[root@dev-app-eg3 ~]# chmod 700 /nfs/incoming/home/egarrido
[root@dev-app-eg3 ~]# ls -ld /nfs/incoming/home/egarrido
drwx------. 2 egarrido egarrido 6 Sep 17  2025 /nfs/incoming/home/egarrido
[root@dev-app-eg3 ~]#
```

Summary

Created a user-specific directory on the NFS-mounted filesystem, applied appropriate ownership and permissions, and verified correct access configuration.