Windows Administration Project

Section 3

Creating Security Groups and User Accounts in Active Directory


Objective

To create and organize **security groups** and **user accounts** within the **Active Directory structure** under the `corp.local` domain.

This section focuses on building department-wise user groups and accounts under both **Kerala** and **TamilNadu** Organizational Units (OUs), and adding users to their corresponding security groups for efficient permission management.

Step-by-Step Procedure
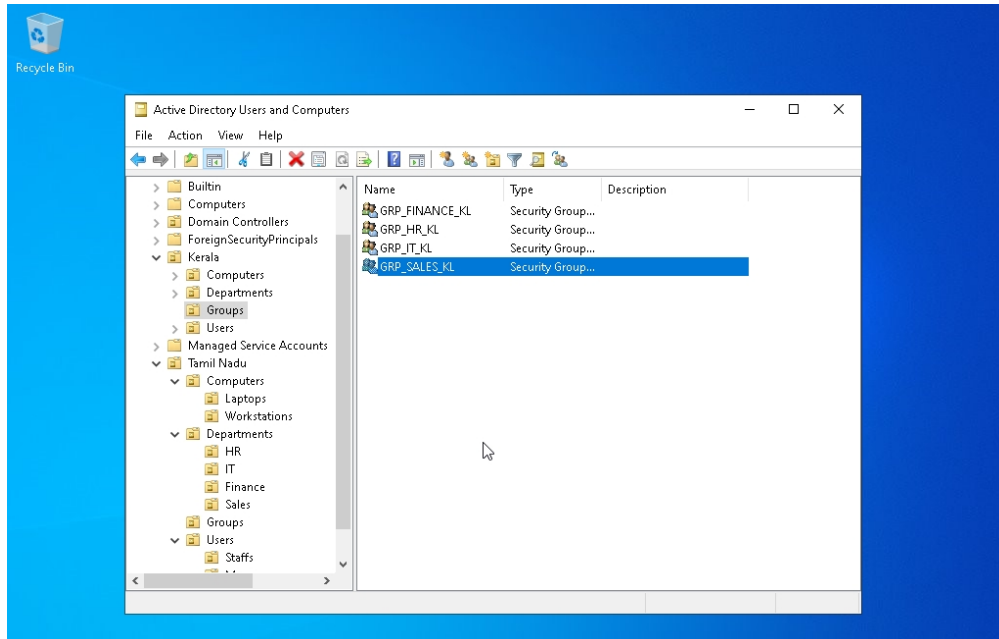
1) Creating Security Groups Under Kerala OU

Opened **Active Directory Users and Computers (ADUC)** console and navigated to `corp.local → Kerala → Groups`.
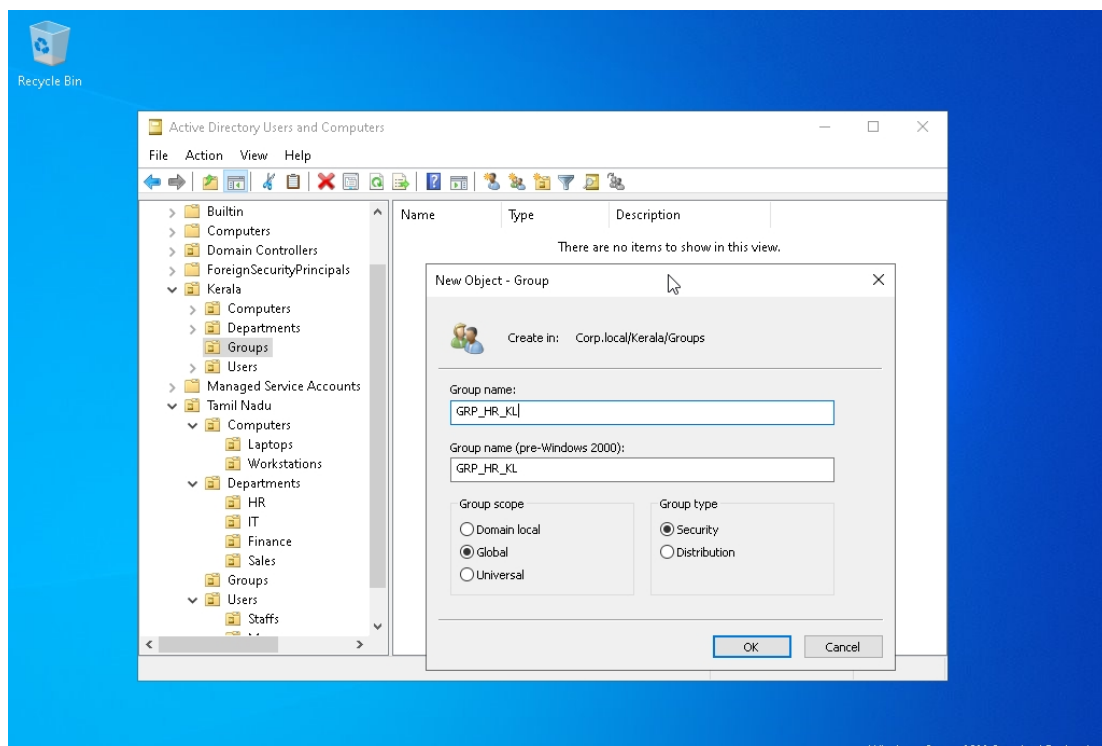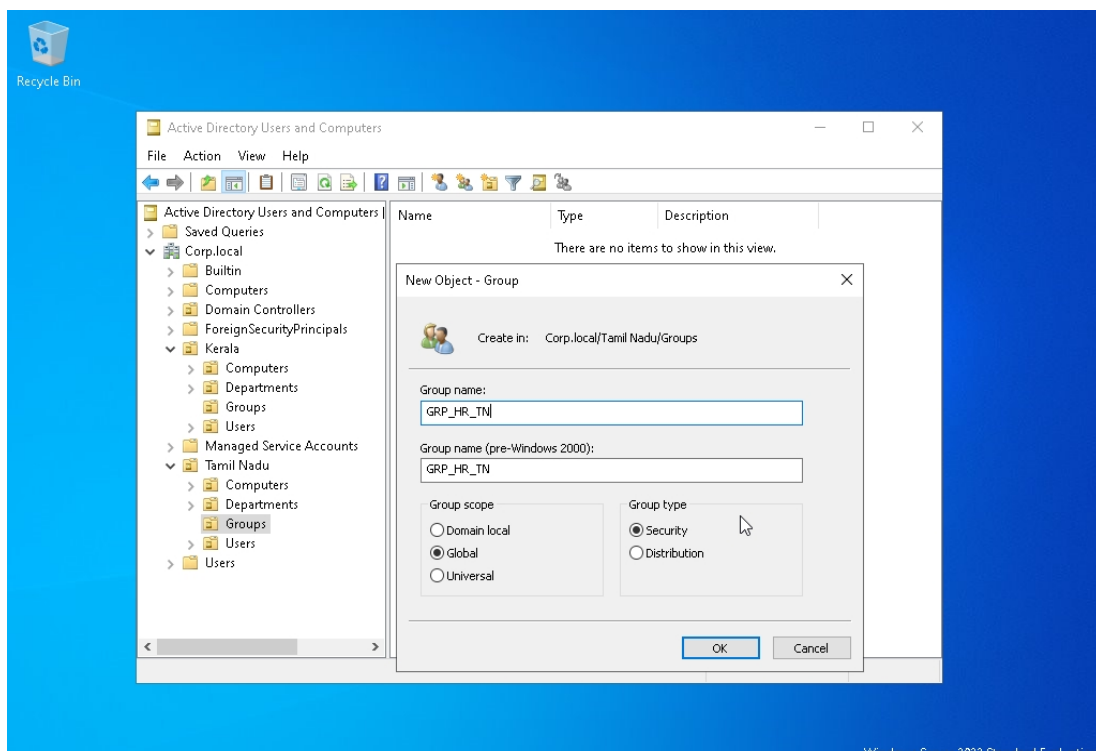
2) Creating Departmental Groups in Kerala OU

Created the following **security groups** under **Kerala → Groups**:

- GRP_Finance_KL
- GRP_HR_KL
- GRP_IT_KL
- GRP_Sales_KL

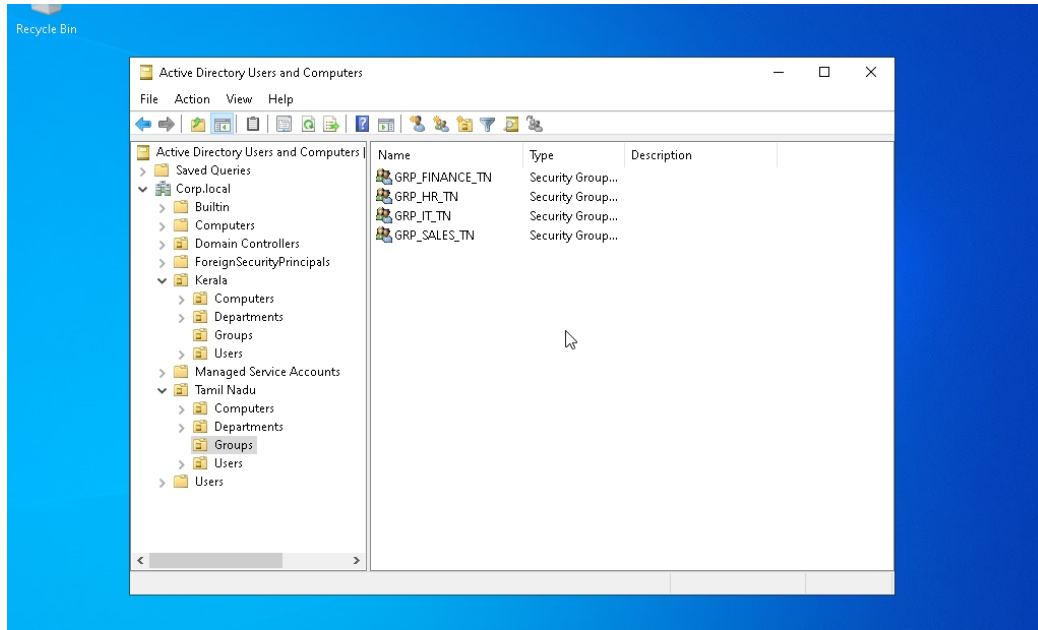## 3) Repeating the Same Structure for TamilNadu OU

Navigated to `corp.local` → `TamilNadu` → `Groups` to replicate the same group structure.

4) Verification of Group Creation in TamilNadu OU

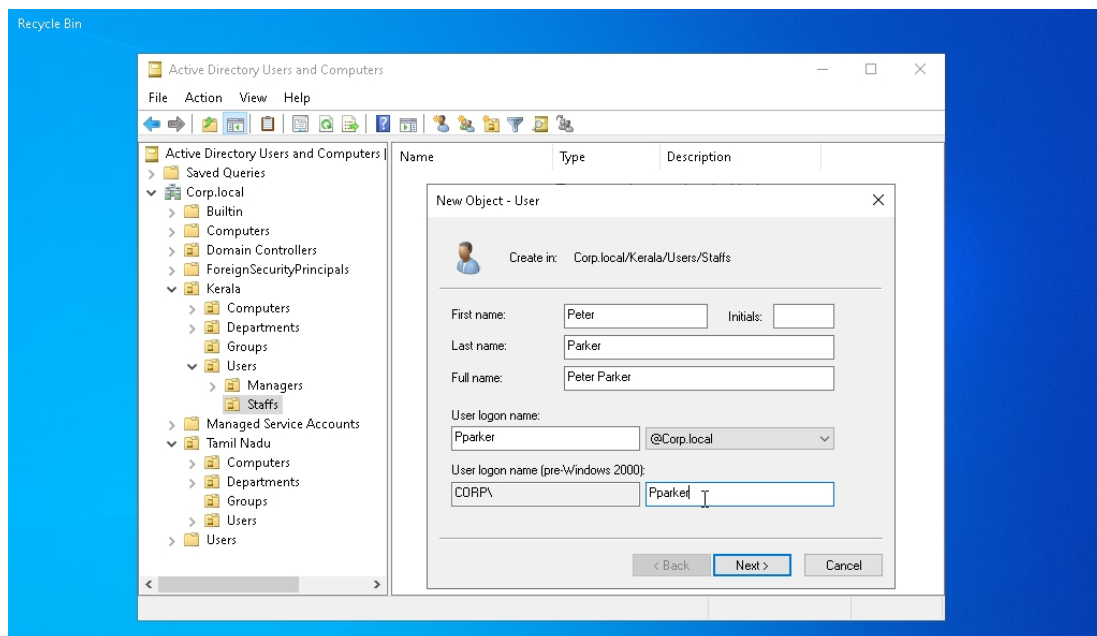Successfully created the following **security groups** under TamilNadu OU:

- GRP_Finance_TN

- GRP_HR_TN

- GRP_IT_TN

- GRP_Sales_TN

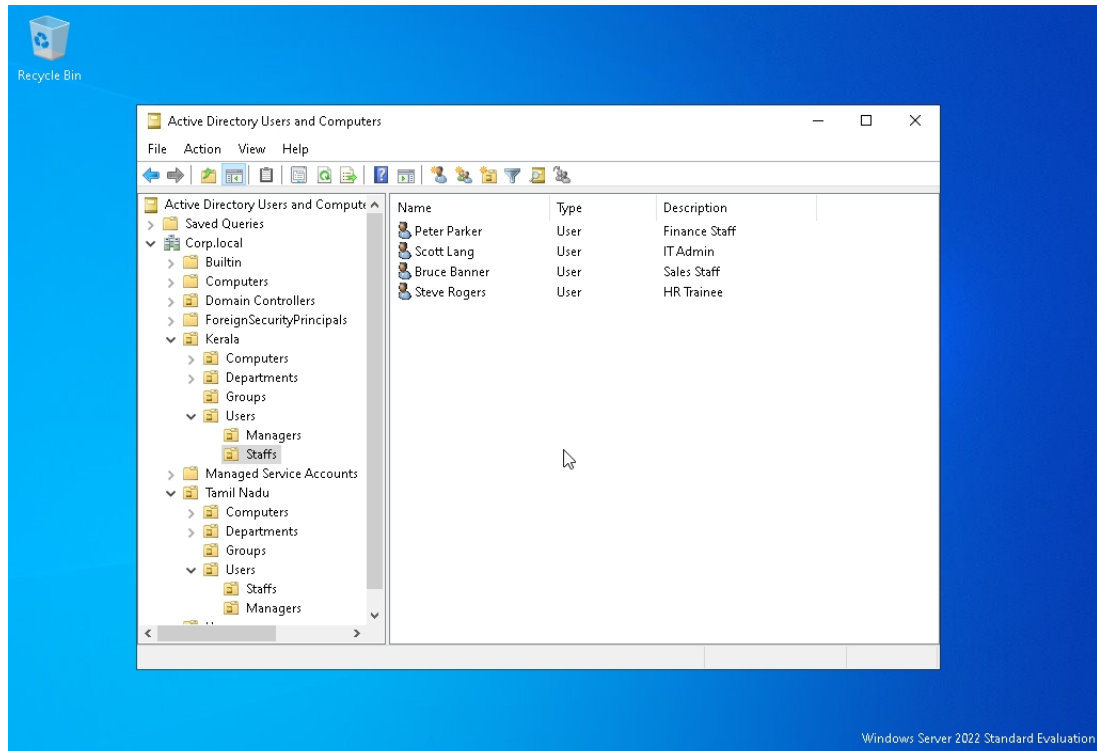**5) Creating Users Under Kerala OU → Users → Staffs**

Under **Kerala → Users → Staffs**, created the following user accounts:

- Bruce Banner

- Peter Parker

- Scott Lang

- Steve Rogers

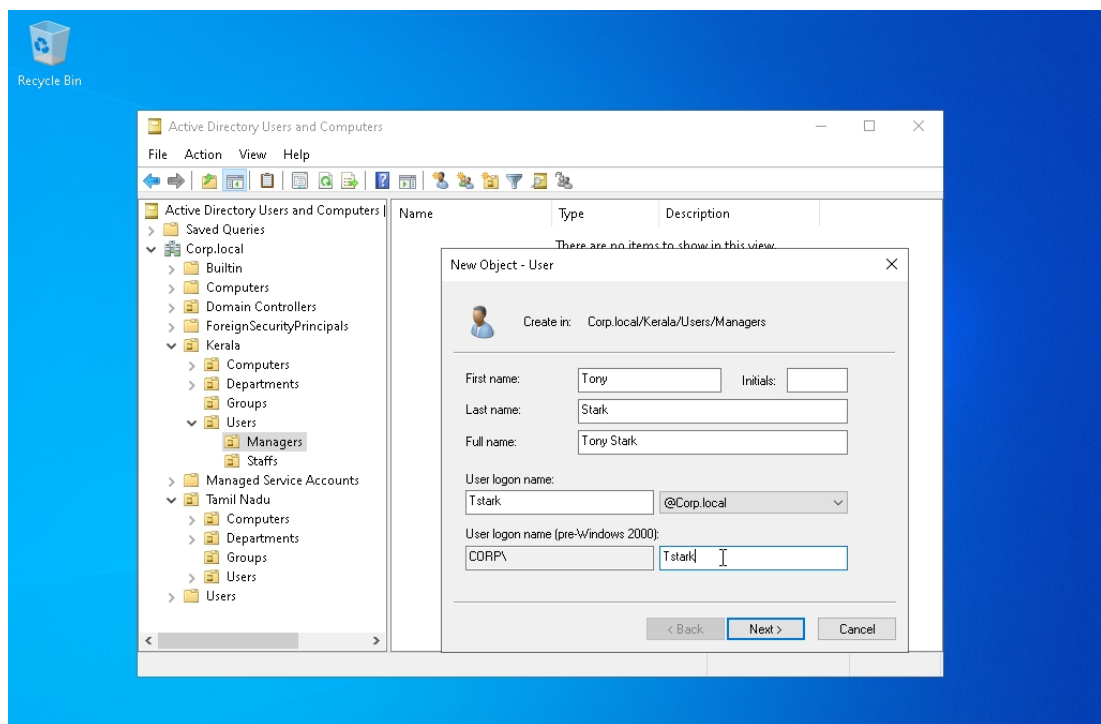## 6) Verification of Staff User Creation in Kerala OU

Confirmed that all staff users were successfully created and visible under
Kerala → Users → Staffs.

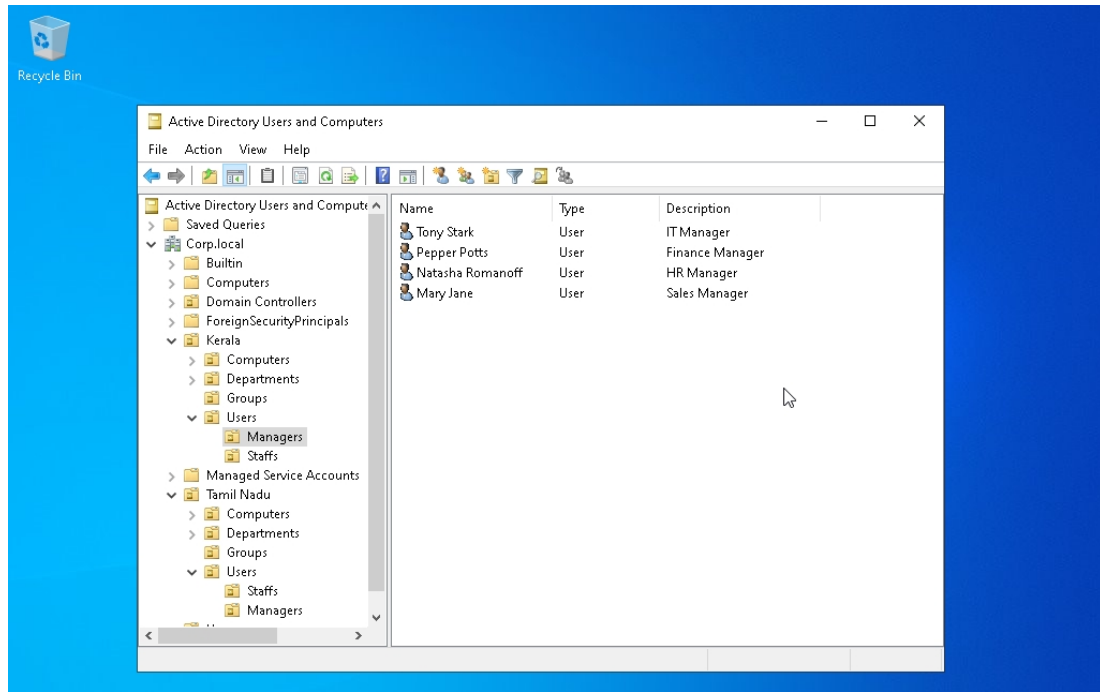## 7) Creating Users Under Kerala OU → Users → Managers

Under **Kerala → Users → Managers**, created the following user accounts:

- Tony Stark
- Pepper Potts
- Mary Jane
- Natasha Romanoff

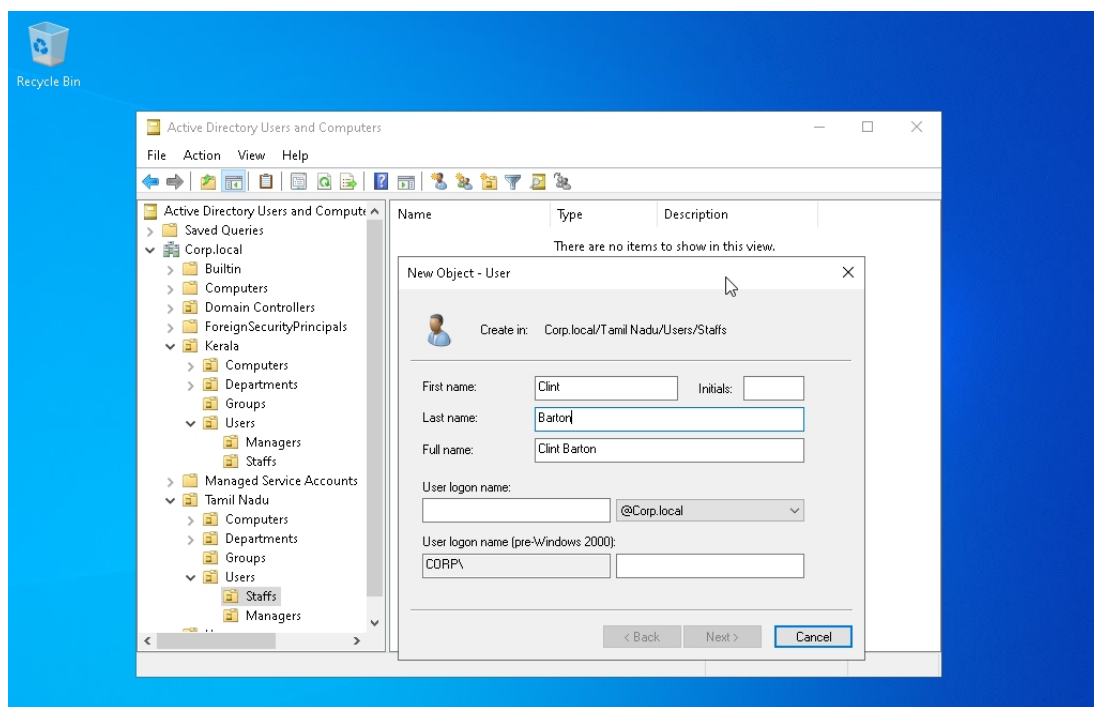## 8) Verification of Manager User Creation in Kerala OU

Verified that all manager-level users were successfully created under
Kerala → Users → Managers.

9) Creating Users Under TamilNadu OU → Users → Staffs
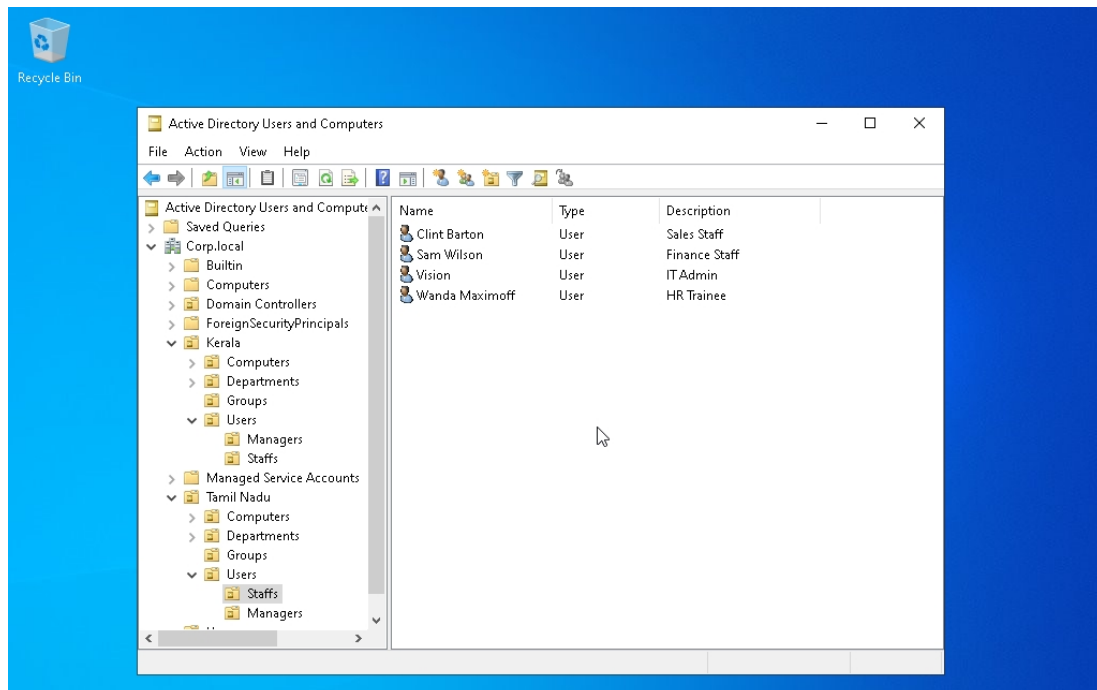
Under **TamilNadu → Users → Staffs**, created the following user accounts:

- Clint Barton
- Vision
- Wanda Maximoff
- Sam Wilson

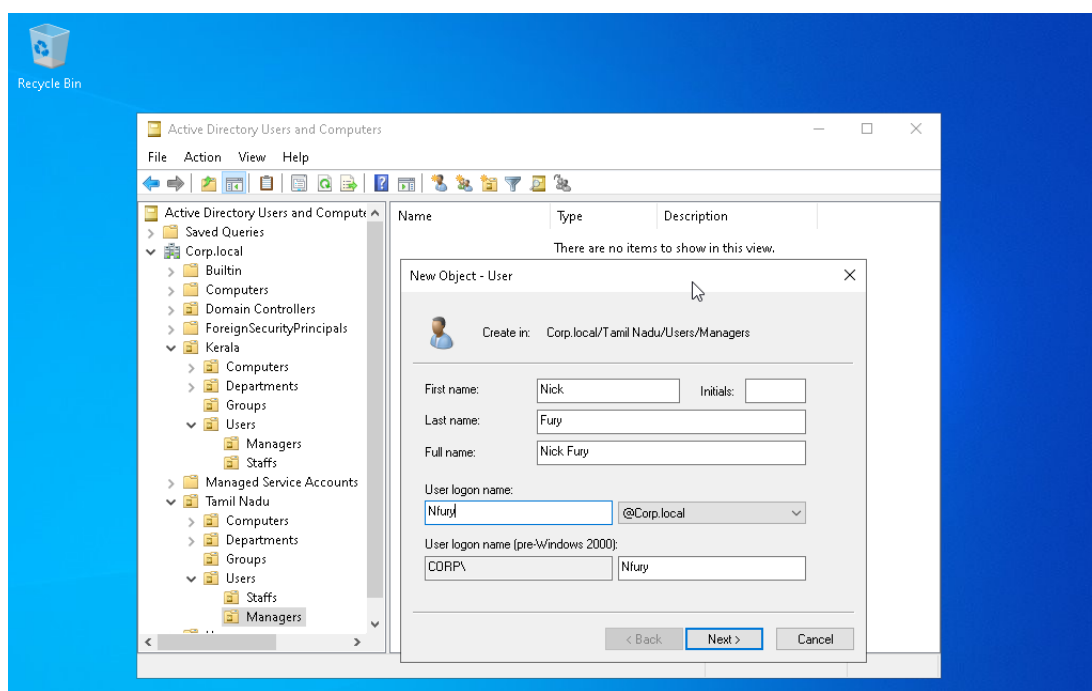## 10) Verification of Staff User Creation in TamilNadu OU

Confirmed that all TamilNadu staff users were successfully created under
TamilNadu → Users → Staffs.

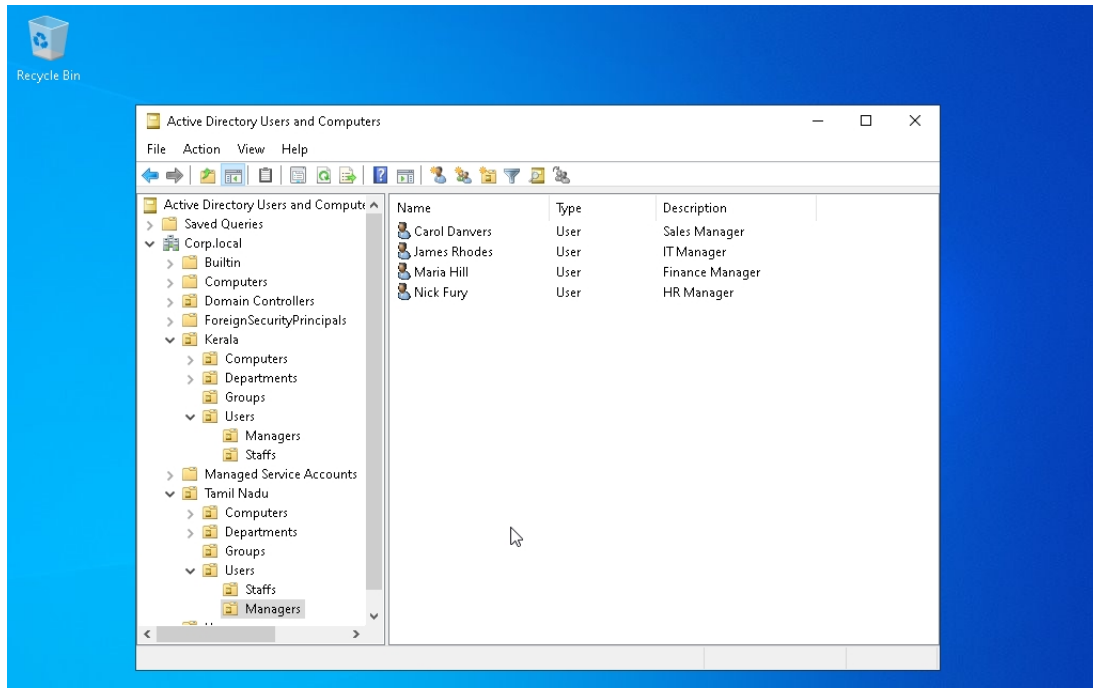## 11) Creating Users Under TamilNadu OU → Users → Managers

Under **TamilNadu → Users → Managers**, created the following user accounts:

- Carol Danvers

- James Rhodes

- Nick Fury

- Maria Hill

## 12) Verification of Manager User Creation in TamilNadu OU

Verified that all manager-level users were successfully created under
TamilNadu → Users → Managers.
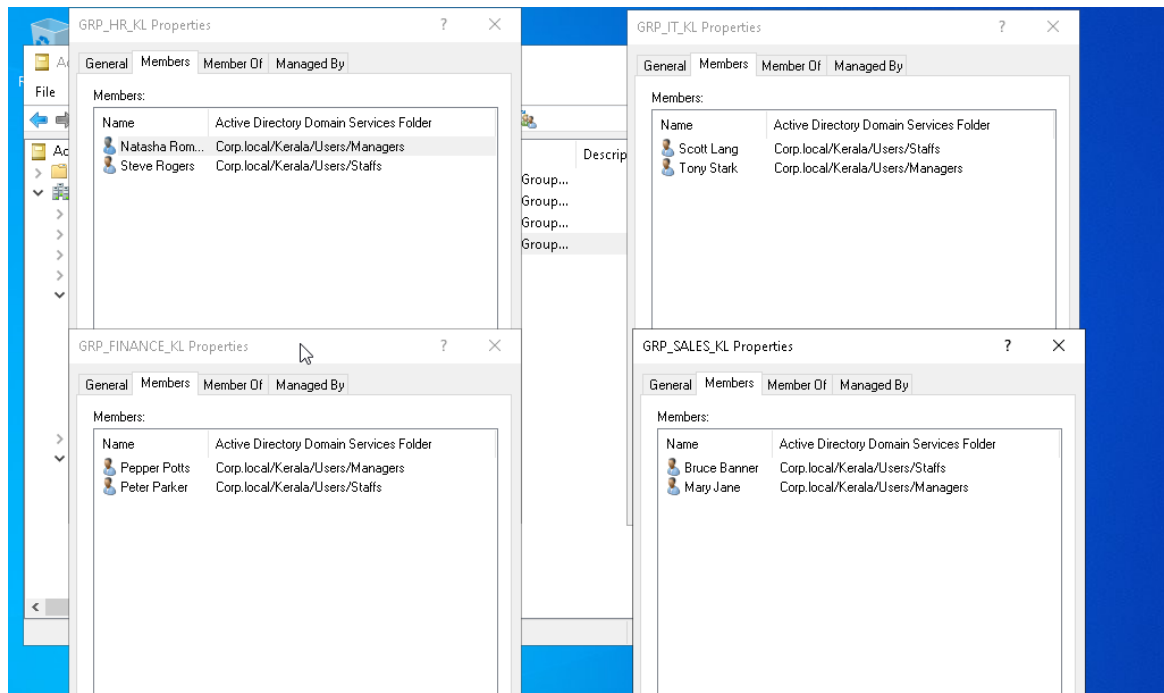

13) Adding Users to Groups in Kerala OU

Added users from **Kerala OU** to their respective department groups.
Example mapping:

- Finance staff → GRP_Finance_KL

- HR staff → GRP_HR_KL

- IT staff → GRP_IT_KL

- Sales staff → GRP_Sales_KL
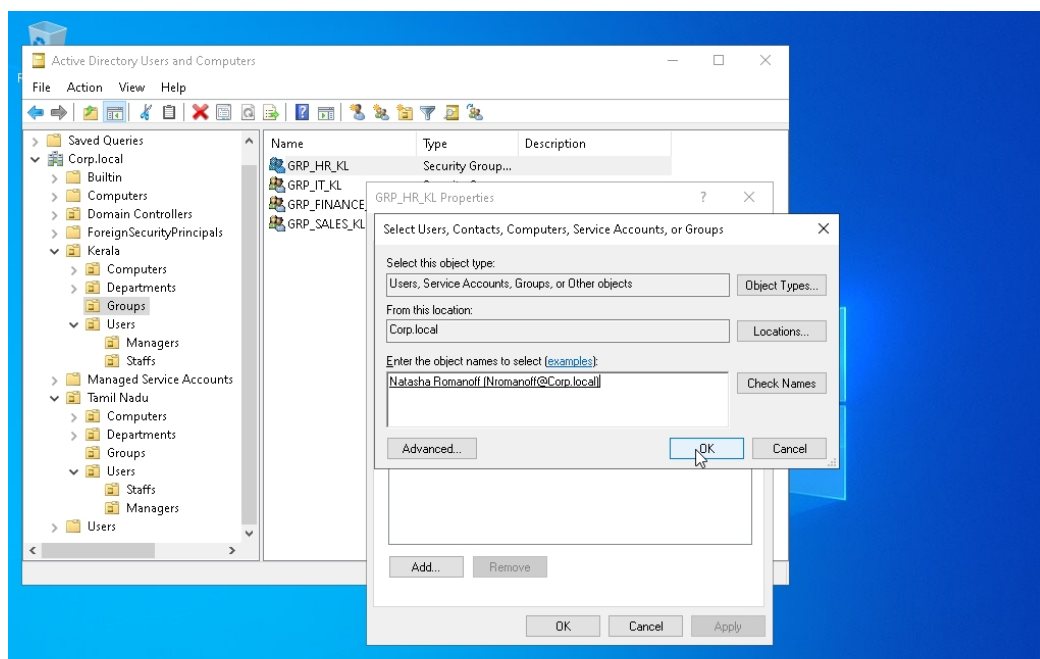
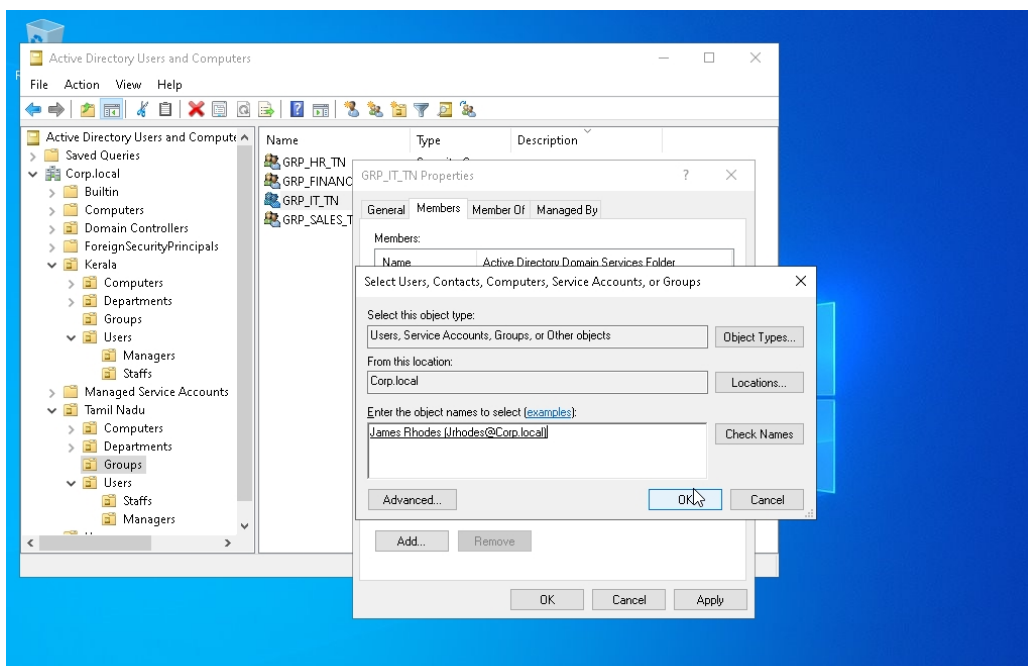## 14) Verification of Group Membership in Kerala OU

Confirmed that all Kerala users were successfully added to their respective department groups through the **Members** tab in ADUC.

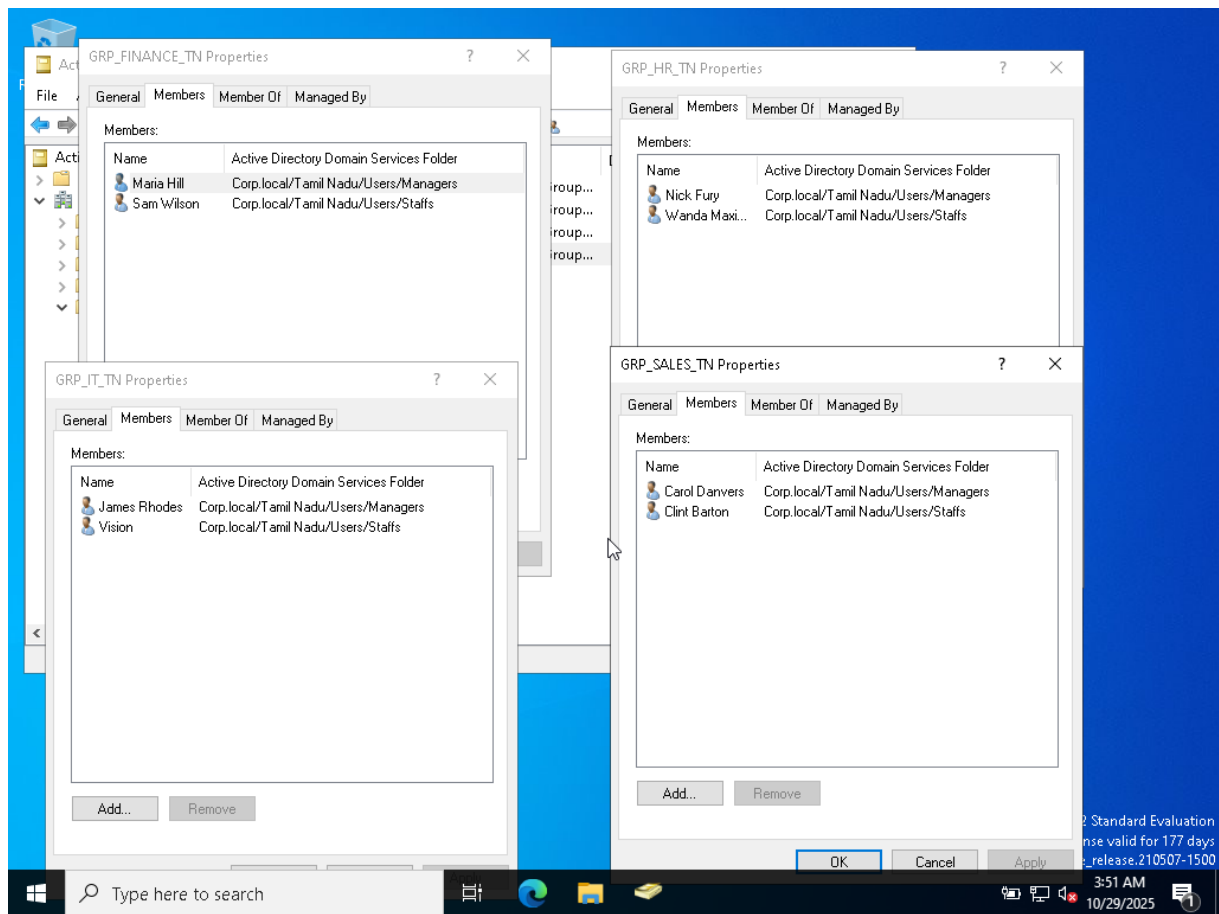## 15) Adding Users to Groups in TamilNadu OU

Repeated the same process under **TamilNadu OU**, adding users to:

- GRP_Finance_TN

- GRP_HR_TN

- GRP_IT_TN

- GRP_Sales_TN

16) Verification of Group Membership in TamilNadu OU

Verified that all users were successfully added to their corresponding groups under **TamilNadu OU**.

Result

All **security groups** and **user accounts** were successfully created and verified within the **Kerala** and **TamilNadu** OUs under the `corp.local` domain.

Users were added to department-specific security groups to ensure proper structure for **access control**, **permissions**, and **future Group Policy management**.

Conclusion

The creation and organization of **security groups** and **user accounts** were completed successfully. This section establishes a strong foundation for **user-based and group-based administration**, which will be used for configuring **Group Policies**, **file sharing permissions**, and other administrative controls in the upcoming sections of the Windows Administration Project.