

IT 236 Project Report Form

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Date:	10/13/2025
Project Phase	Creating Organizational Units

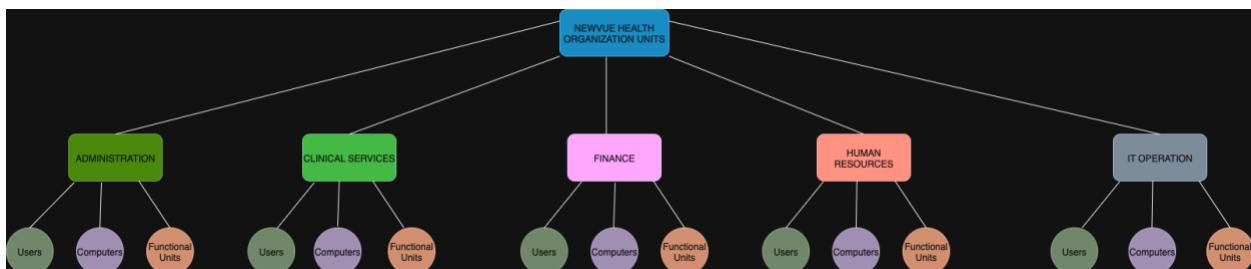
Section 1: Executive Summary (10 Points)

In this phase of the NewVue Health Infrastructure Modernization Project, I created Organizational Units (OUs) within the newvue.local domain to represent the various departments in the organization. This phase focused on developing a logical and scalable directory structure that will support centralized management, delegation, and policy application. The goal of this activity was to organize the directory hierarchy and to gain experience creating OUs using **PowerShell**, **Active Directory Users and Computers (ADUC)**, and **Active Directory Administrative Center (ADAC)**.

OU Structure Design

The diagram below documents the intended OU hierarchy for NewVue Health. Each main OU represents a department and contains three child OUs for users, computers, and functional divisions.

Evidence: *OU Structure Design*



Verification

The following verifications were performed to confirm successful OU creation and structure:

- Primary Verification Method: Using the Server Manager on NV-DC1, the Active Directory Users and Computers (ADUC) console was launched. A visual inspection of the directory tree confirmed that all newly created main OUs Administration, Clinical Services, Finance, Human Resources, and IT Operations are present directly under the newvue.local domain.
- Validation of Child OUs: Each main OU was expanded to verify the correct creation and nesting of its three child OUs: Users, Computers, and Functional Units. This confirms the intended logical structure has been implemented accurately across all departments.

This phase establishes the foundational **Active Directory structure** that future project activities—such as **user and group creation**, **Group Policy deployment**, and **delegated administration**—will build upon.

Section 2: Task - Creating OUs with PowerShell (15 points)

For this task, I created Organizational Units using PowerShell on NV-DC1. This method allows for automation and script-based administration of the Active Directory environment. The table below provides details of the OU's that were created.

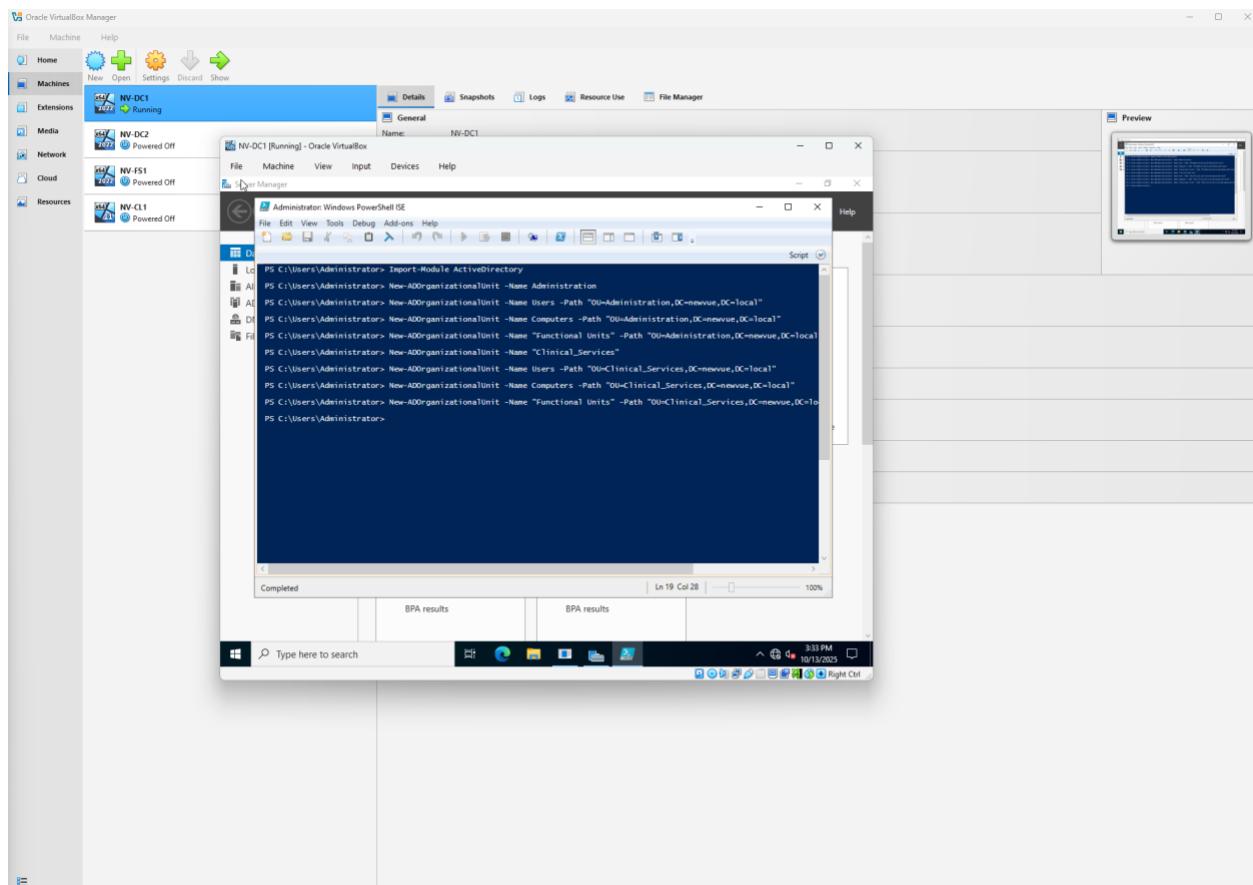
OU Creation Summary

The table below provides details of the OU's that were created.

Parent OU	Child OU
Administration	Users, Computers, Functional Units
Clinical Services	Users, Computers, Functional Units

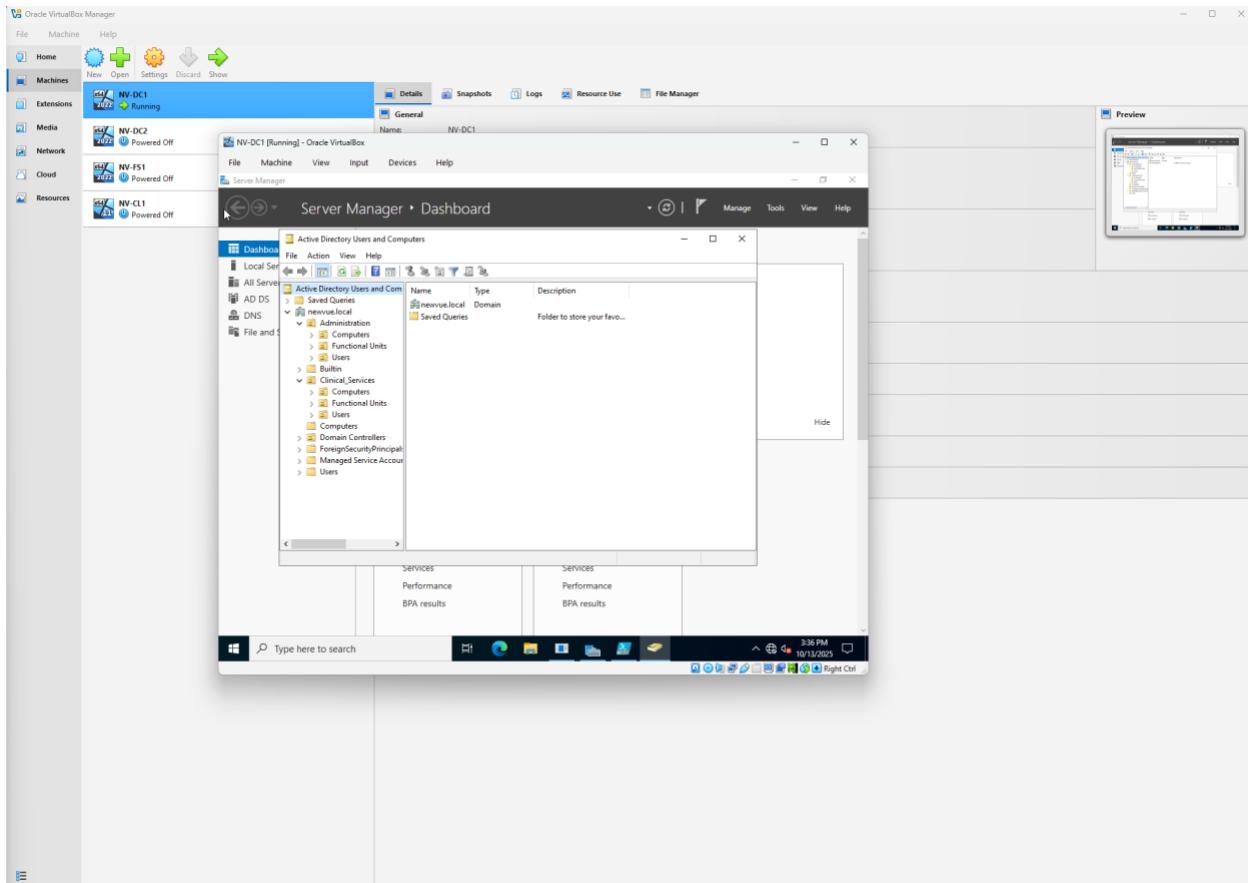
Evidence 1:

Insert Screenshot of the PowerShell console showing successful execution of the New-ADOrganizationalUnit commands for Administration and Clinical Services (including their child OUs) below.



Evidence 2:

Insert Screenshot of Active Directory Users and Computers (ADUC) with the Administration and Clinical Services OUs expanded, showing their Users, Computers, and Functional Units sub-OUs below.



Section 3: Task — Creating OUs with ADUC (15 points)

For this task, I used the **Active Directory Users and Computers (ADUC)** console to create the **Finance** and **Human Resources** OUs and their respective child OUs. This graphical method allows administrators to manage directory objects interactively through a tree-based view.

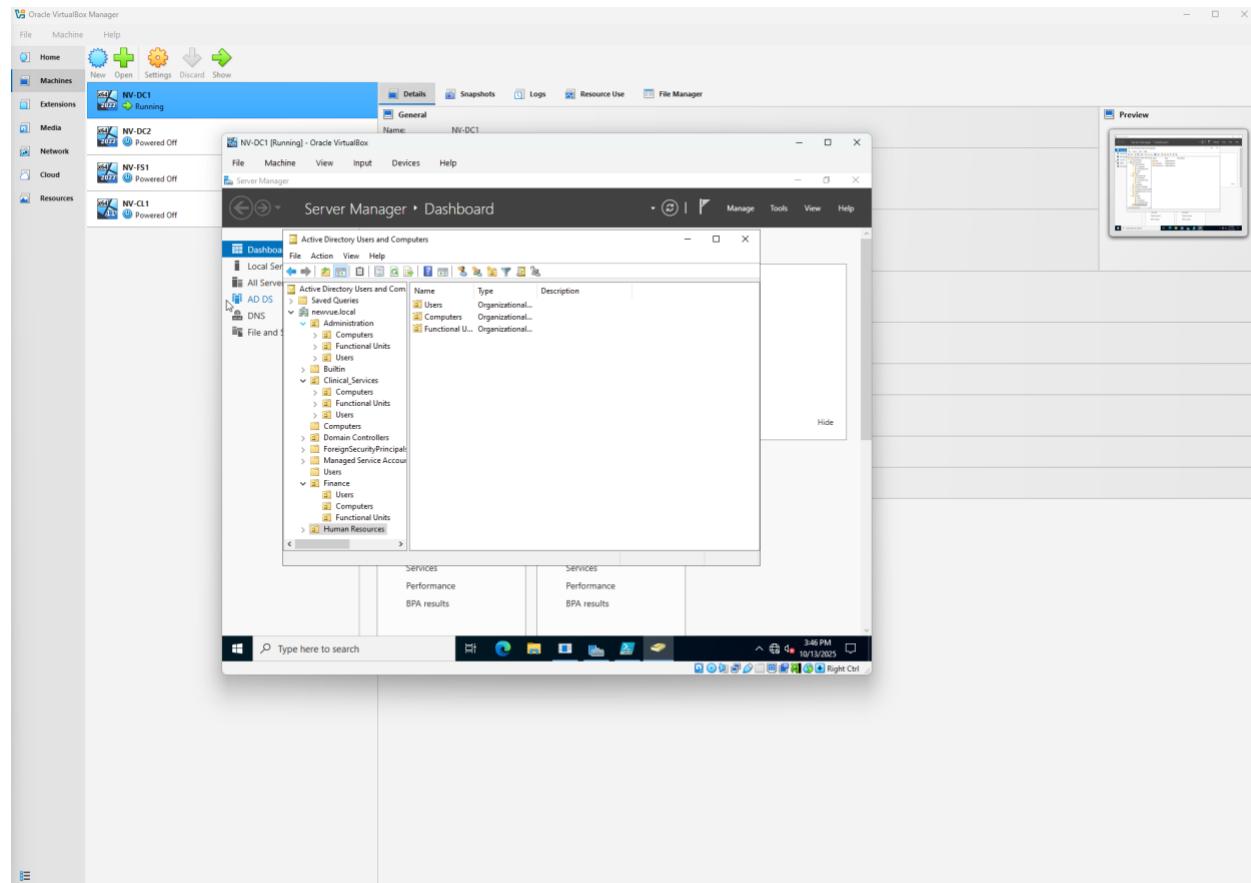
OU Creation Summary

The table below provides details of the OU's that were created.

Parent OU	Child OU
Finance	Users, Computers, Functional Units
Human Resources	Users, Computers, Functional Units

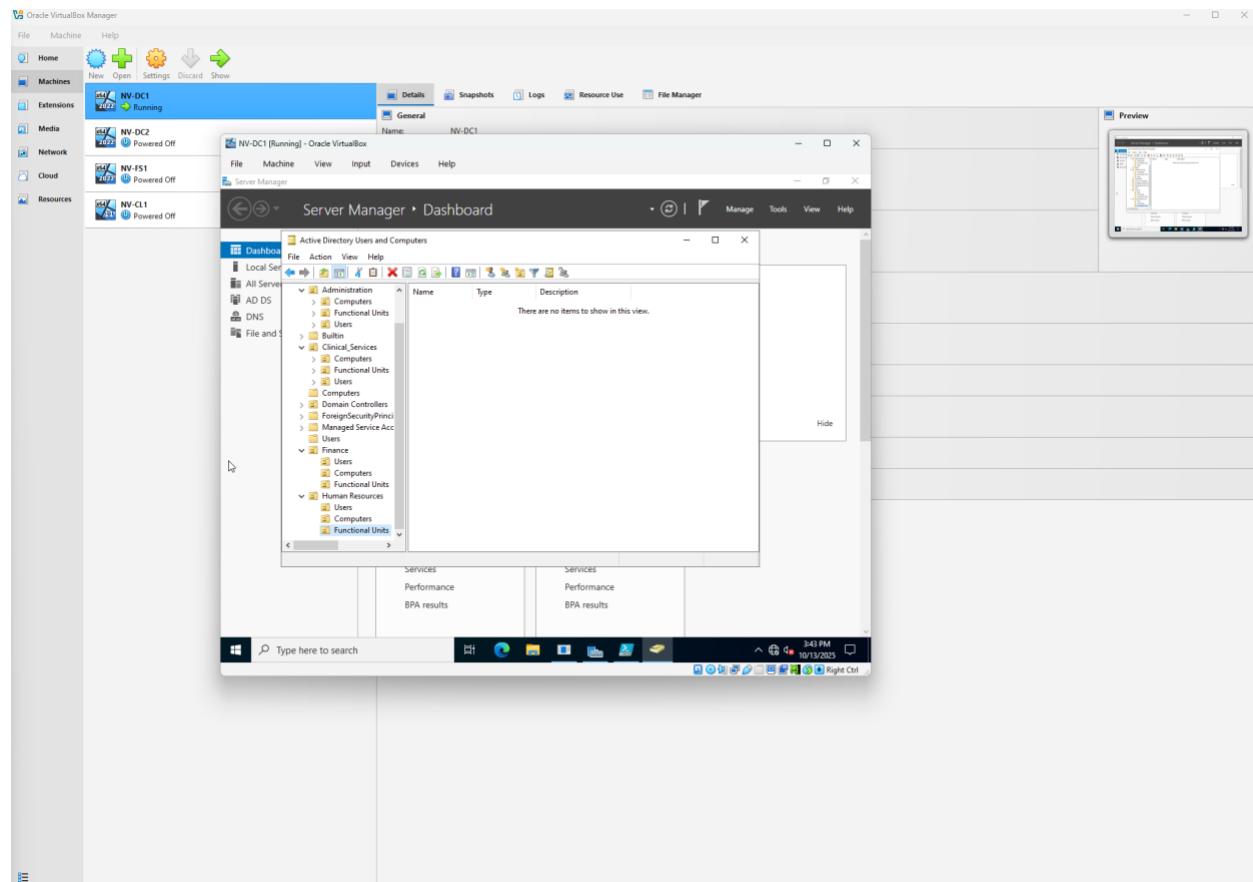
Evidence 3:

Insert Screenshot of the New Object – Organizational Unit wizard in ADUC during creation of one OU (e.g., Finance or Human Resources) below.



Evidence 4:

Insert Screenshot of the ADUC directory tree showing Finance and Human Resources, each containing Users, Computers, and Functional Units.



Section 4: Task — Creating OUs with ADAC (15 points)

For this task, I used the **Active Directory Administrative Center (ADAC)** to create the **IT Operations** OU and its nested child OUs. This interface provides task-based management and automatically generates the underlying PowerShell commands.

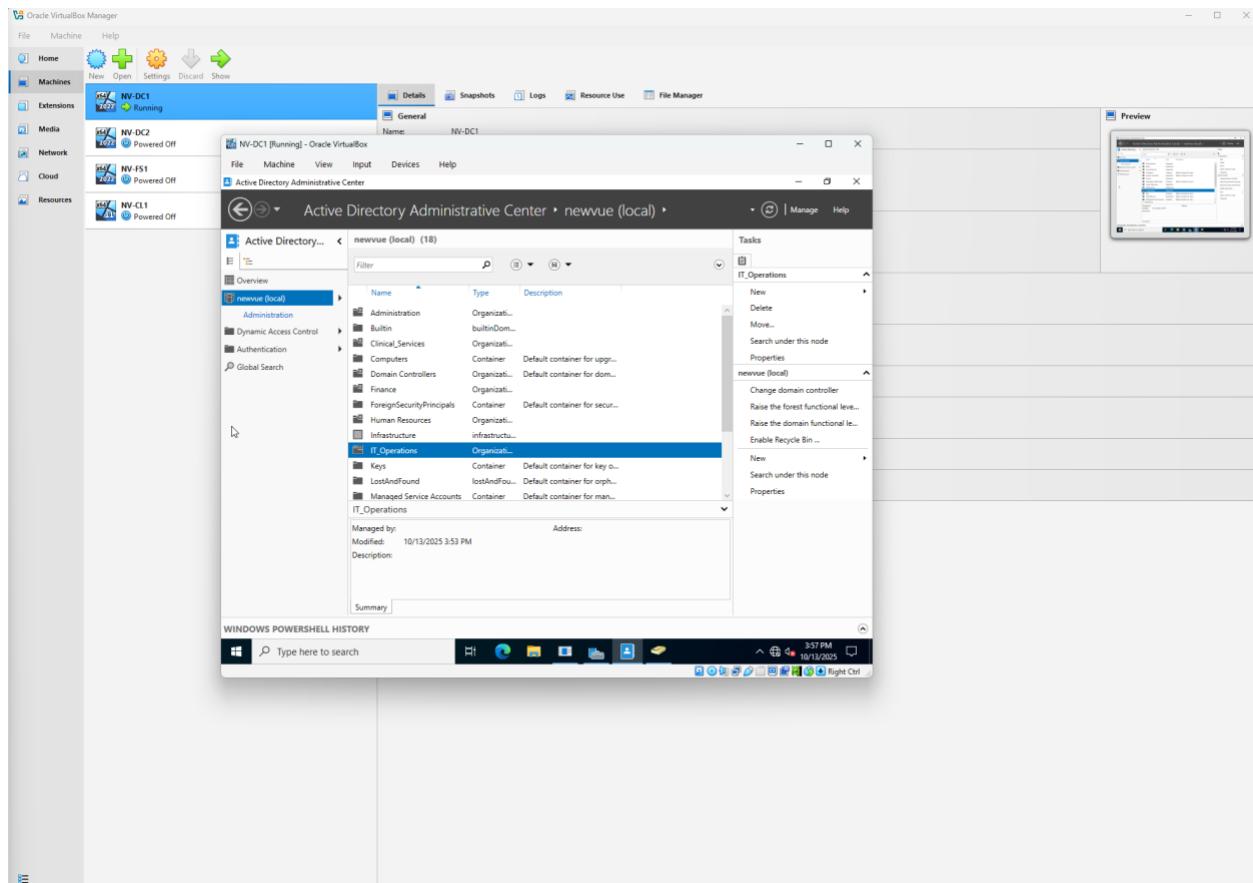
OU Creation Summary

The table below provides details of the OU's that were created.

Parent OU	Child OU
IT Operations	Users, Computers, Functional Units

Evidence 5:

Insert Screenshot of the **Create Organizational Unit** dialog box (or details pane) in ADAC showing creation of the **IT Operations** OU below.



Evidence 6:

Insert Screenshot of **ADAC** or **ADUC** showing the expanded OU tree with **IT Operations** and its **Users, Computers, and Functional Units** sub-OUs below.

