

IT 236 Project Report Form

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Date:	10/21/2025
Project Phase	Joining Windows Client to the Domain

Section 1: Executive Summary (10 Points)

In this activity, I connected a **Windows 11 client workstation (NV-CL1)** to the **newvue.local** Active Directory domain. This phase demonstrates how client computers are integrated into a centralized management environment through **Active Directory Domain Services (AD DS)**.

By successfully joining the workstation to the domain, I verified that networking, DNS configuration, and authentication were functioning correctly. This marks the completion of domain preparation, enabling centralized management and policy deployment for NewVue Health.

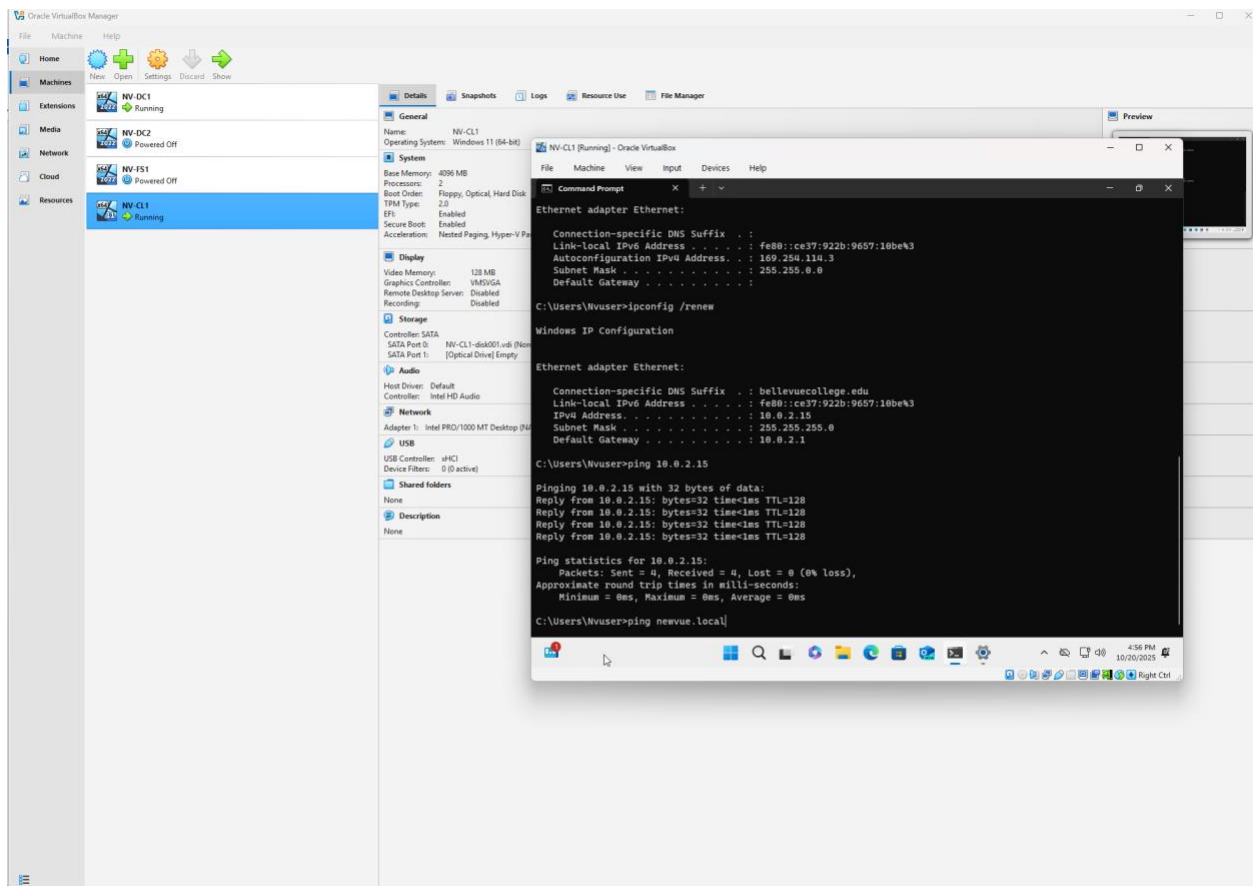
Section 2: Task-Verifying Connectivity and DNS Configuration (10pts)

I confirmed that the client could communicate with the Domain Controller and correctly resolve the **newvue.local** domain name using DNS.

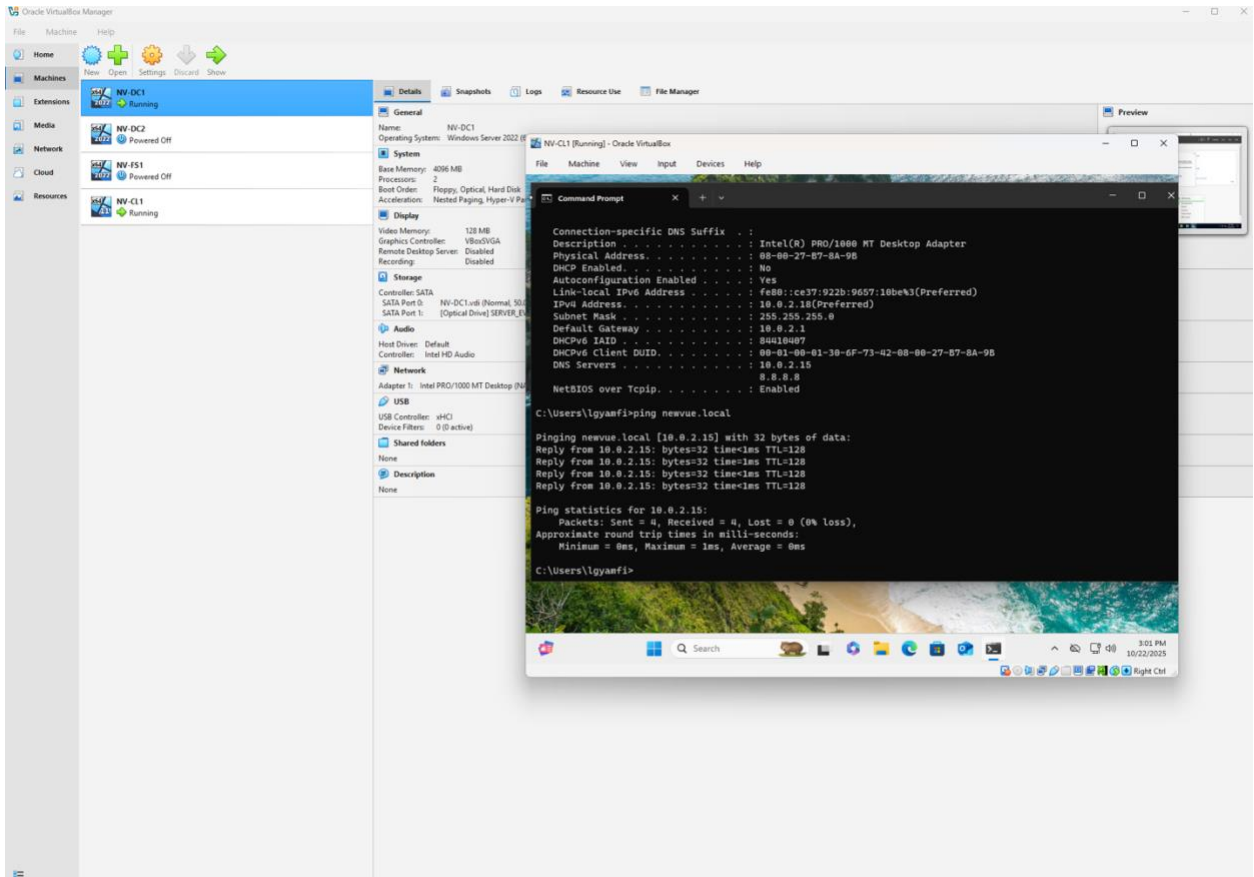
Evidence

- **Evidence 1:** Screenshot of **Command Prompt** showing successful ping replies from **nv-dc1**.

Note: Initially, NV-CL1 was not connected to the NAT network, and its IP address was the same as the NV-DC1 server. As a result, pinging NV-DC1 returned a reply, but there was no actual communication with the server. The IP address was later changed to **10.0.2.18**, and an alternative DNS server (**8.8.8.8**) was added to enable internet access on the client computer.



- **Evidence 2:** Single screenshot displaying results of both ipconfig /all and ping newvue.local in the same window, confirming DNS configuration and domain name resolution.

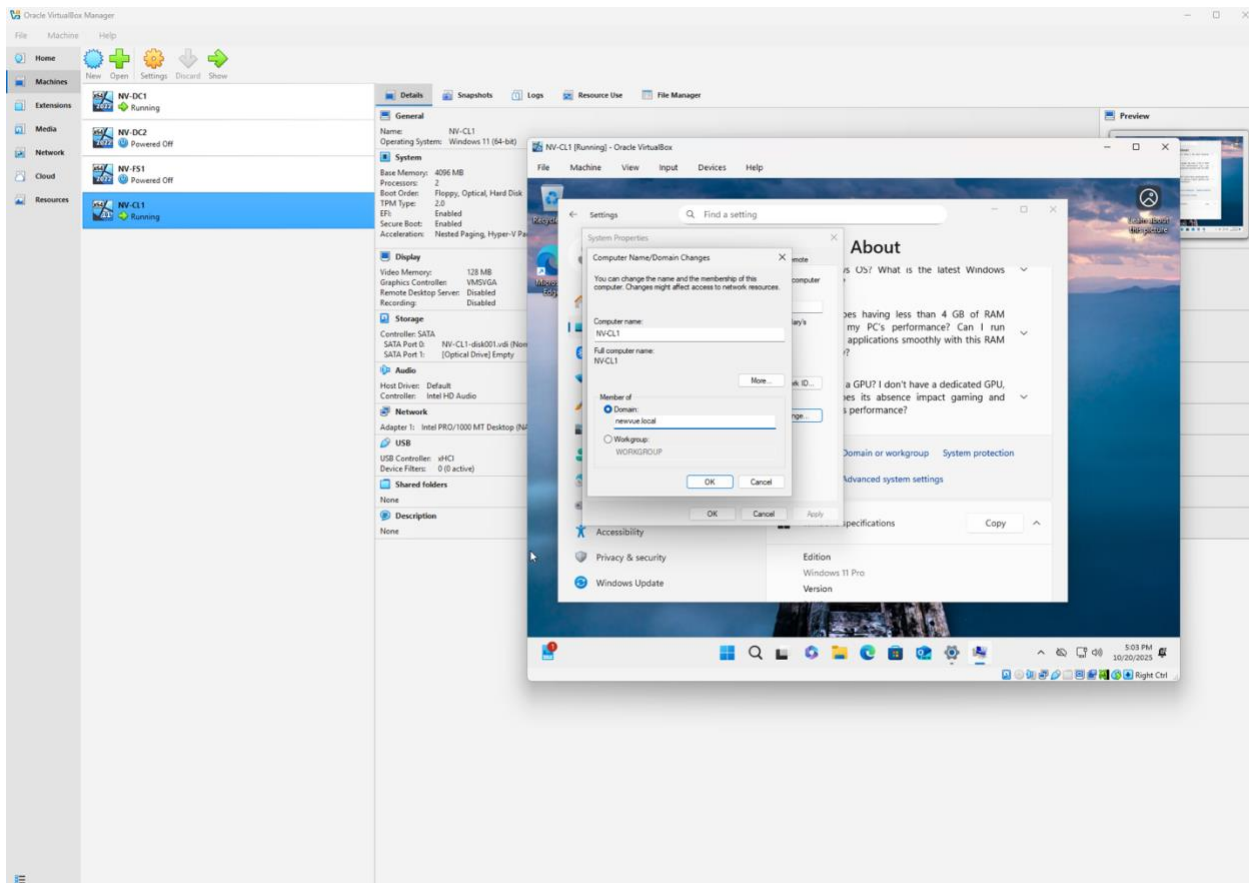


Section 3: Task — Joining the Client to the Domain (15 points)

The **NV-CL1** workstation was joined to the **newvue.local** domain using administrator credentials. A confirmation message indicated the join was successful and the system was restarted to apply the change.

Evidence

- **Evidence 3:** Screenshot of the **Computer Name/Domain Changes** dialog showing **Domain: newvue.local** and the welcome message confirming the join.

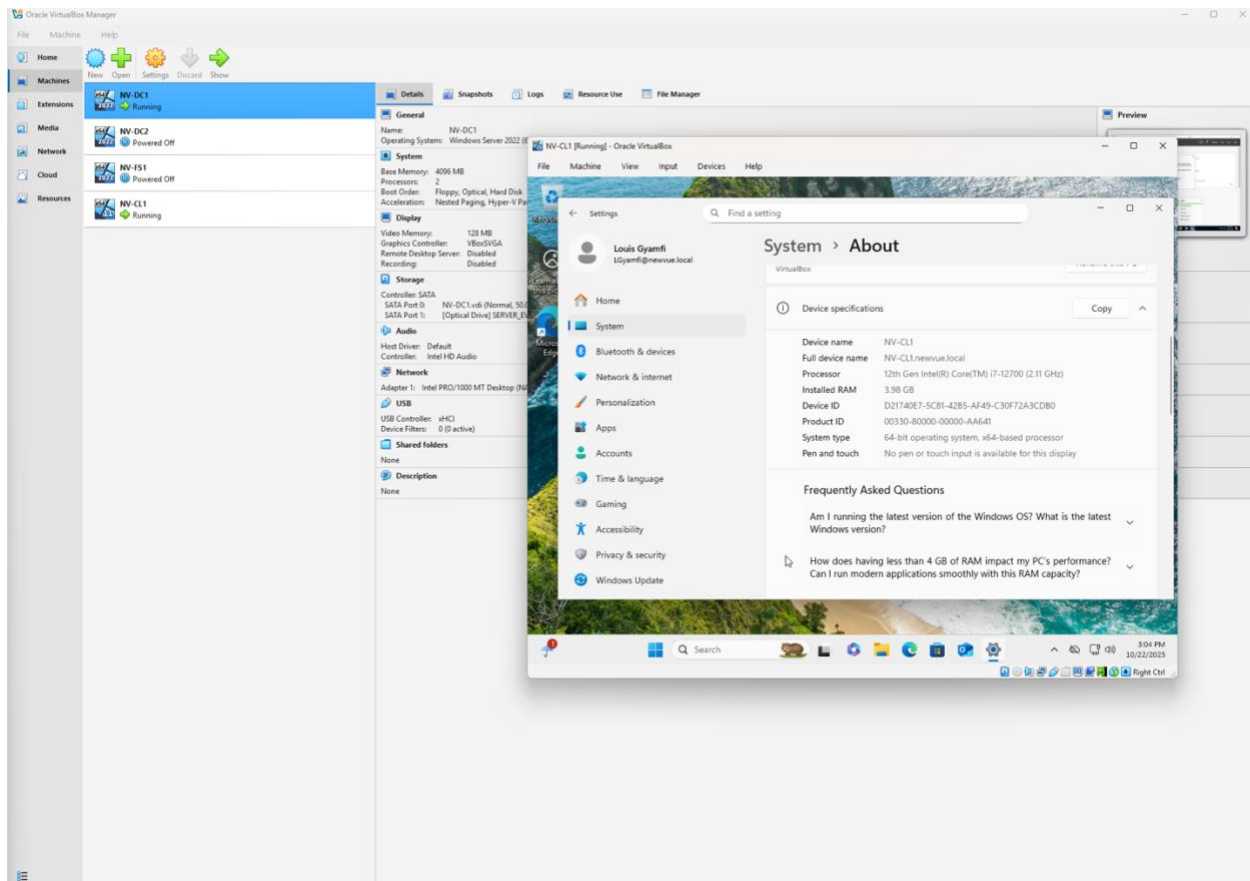


Section 4: Task — Verifying Domain Membership (10 points)

After restarting, I logged in with a domain account and verified that the workstation was now part of the **newvue.local** domain.

Evidence

- **Evidence 4:** Screenshot from either **Settings → About** or systeminfo output showing **Domain: newvue.local**.



Section 5 :Task - Confirming Computer Object in Active Directory (5 pts)

I verified that the **NV-CL1** computer object appeared under the **Computers** container in **Active Directory Users and Computers (ADUC)** on the Domain Controller.

Evidence

- **Evidence 5:** Screenshot of **ADUC → Computers** displaying the **NV-CL1** object listed as a domain member.

