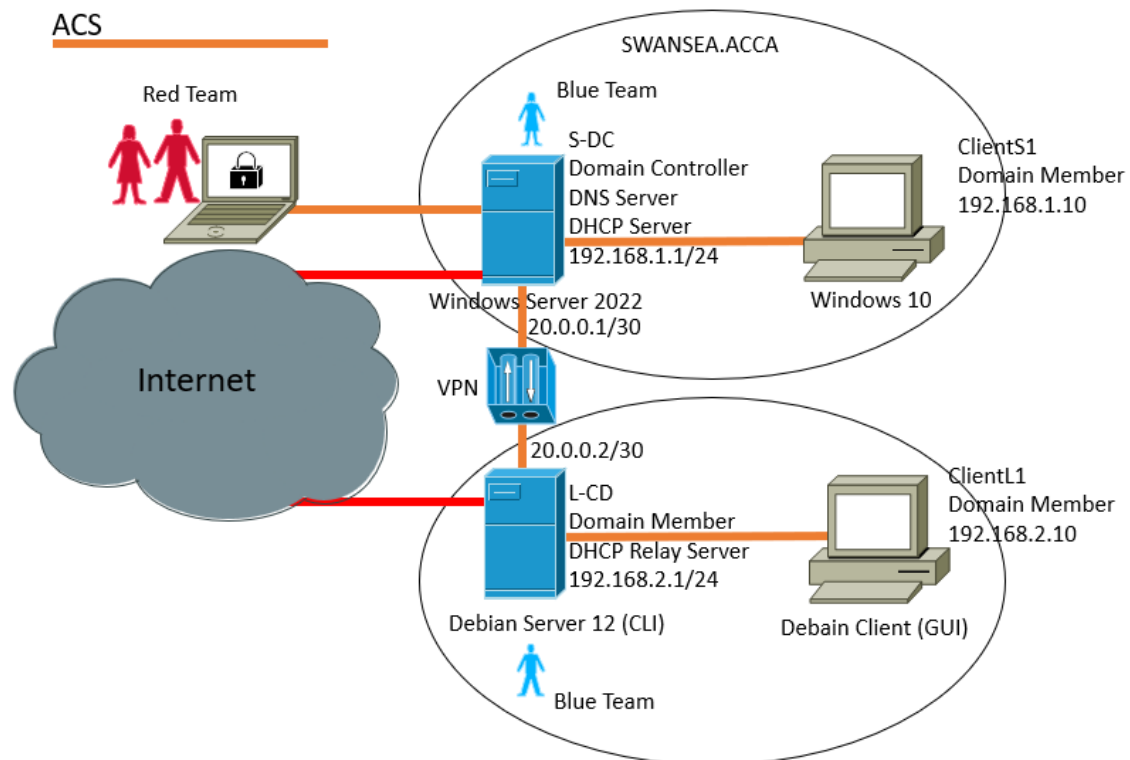


VM – General Instruction



Key Notes:

- This is the Topology.
- You are not required to build this Network. You will be provided with this Network in a OVA Format by your Lecturer.
Download the OVA File from [\\192.168.135.200\ACCB6000\\$](http://192.168.135.200\ACCB6000$)
- You will be working with the above network. (Remember this network from somewhere? (If you completed your B.Sc, at UWTSD) Yes, you are correct. You built this network as part of your NOSS Assessment at Level 5).
- The Internet depicted in the Topology is connected via “NAT”.
- No Routing Setup via Internet is pre-configured. If you need Internet for Individual Machines to install tools/ software, modify/ add NAT adapter.

Welcome to SOAC Inc. This Inc operates in two locations. Swansea and London. The Inc’s Network is configured as Active Directory Domain Swansea.acca.

Swansea Location has S-DC, which is the Domain Controller. It is a Windows Server 2022. It also has a Windows 10 Client which is a Domain Member of Swansea.acca.

VM – General Instruction

London Location has L-CD, which is a Domain member of Swansea.acca. It is a Debian Server (CLI). It also has a Debian Client (GUI) as a Domain Member of Swansea.acca.

Both Swansea and London are connected.

User Credentials:

S-DC:

Username: Administrator

Password: Notebook@123

L-CD:

Username: londonlogin

Password: Notebook@123

You are expected to configure security-related settings on pre-configured virtual machines (VMs). Basic network configuration is not required, as the VMs are pre-set with the necessary network parameters.

Read the Instructions Carefully:

1. Import and Start VMs: Import the provided virtual machines into your virtualization platform. Power on the machines.
2. Verify Network Configuration: Perform the following network tests to confirm the VMs are correctly configured as per the provided network topology. Record the results for submission.

Network Test

S-DC

Run the following commands and verify the outputs:

IPCONFIG /ALL: Confirm the IP address matches the topology provided.

ping 192.168.1.10: Must be successful.

VM – General Instruction

ping 192.168.2.1: Must be successful.

ping 192.168.2.10: Must be successful.

L-CD

Run the following commands and verify the outputs:

ip address: Confirm the IP address matches the topology provided.

ping 192.168.1.10: Must be successful.

ping 192.168.1.1: Must be successful.

ping 192.168.2.10: Must be successful.

3. Address Issues: If the test results deviate from the expected outputs, upload the evidence to Moodle and consult your lecturer immediately.

Note: You will be using the same Topology for your Digital Forensics Module and Enterprise Network Security Module in the upcoming Semesters.