Ganpat University | Institute of Computer Technology

॥ विद्यया समाजोत्कर्षः ॥

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Sub: Virtualization

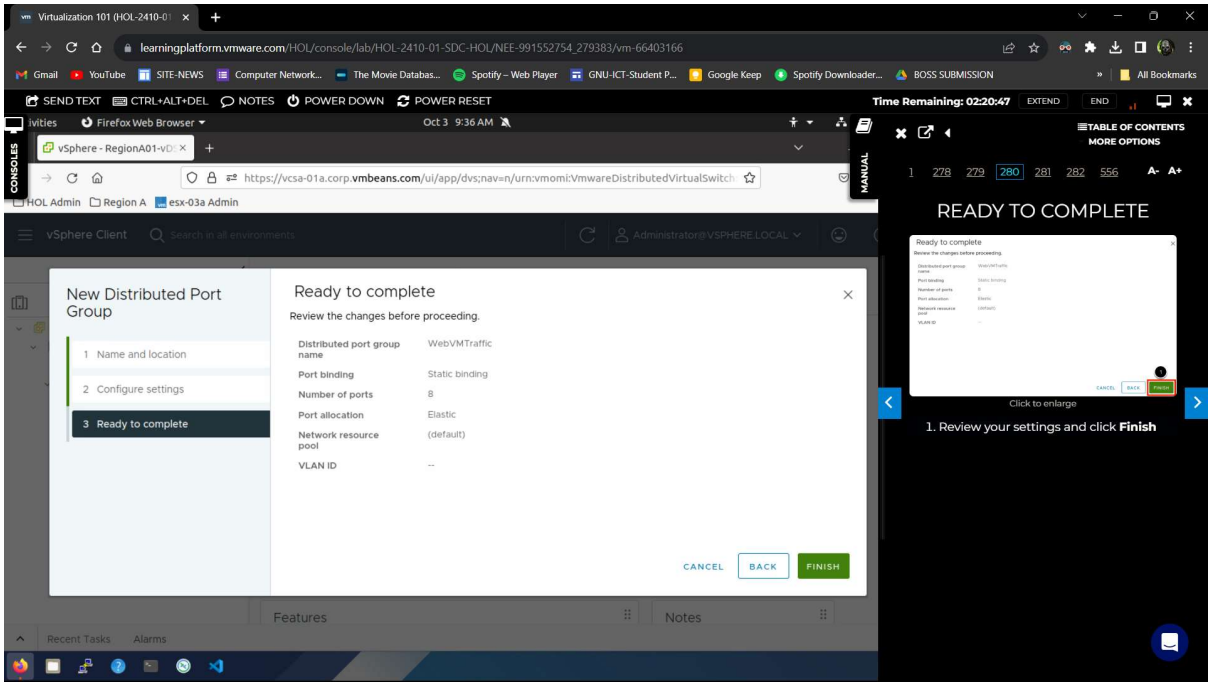
Branch: CBA

Batch:51

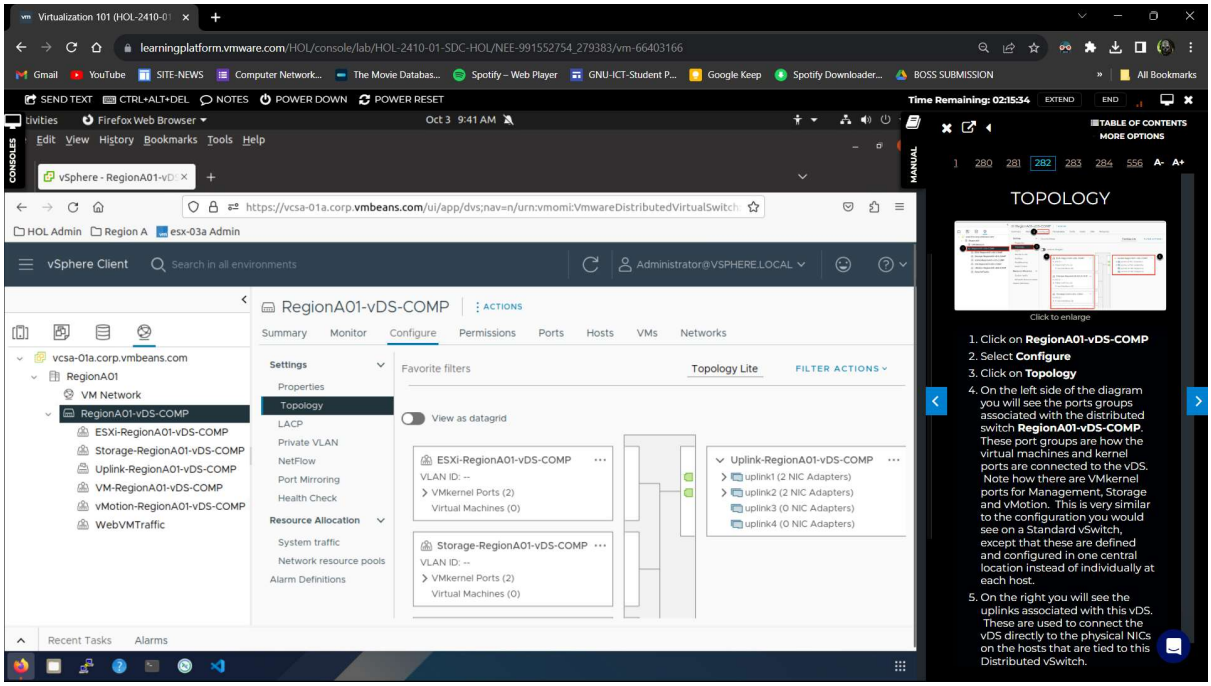
----------PRACTICAL 04----------

❖ Configuration of distributed port groups.

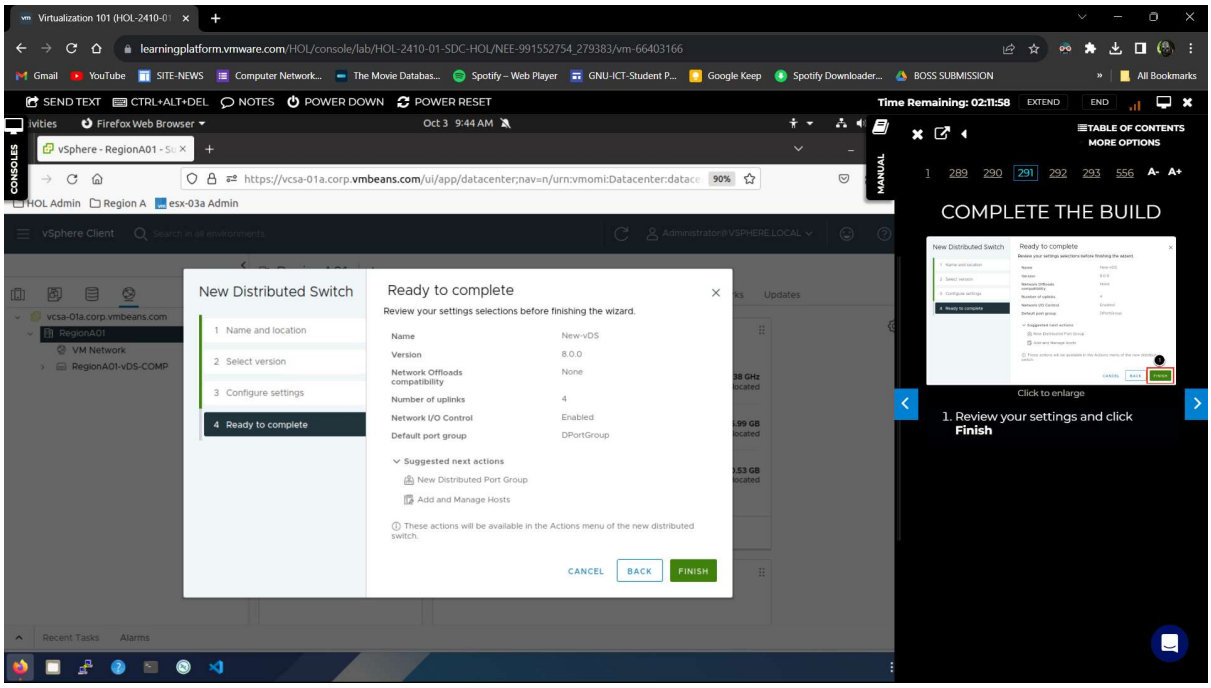
1. Create a new distributed port group with the following configurations :



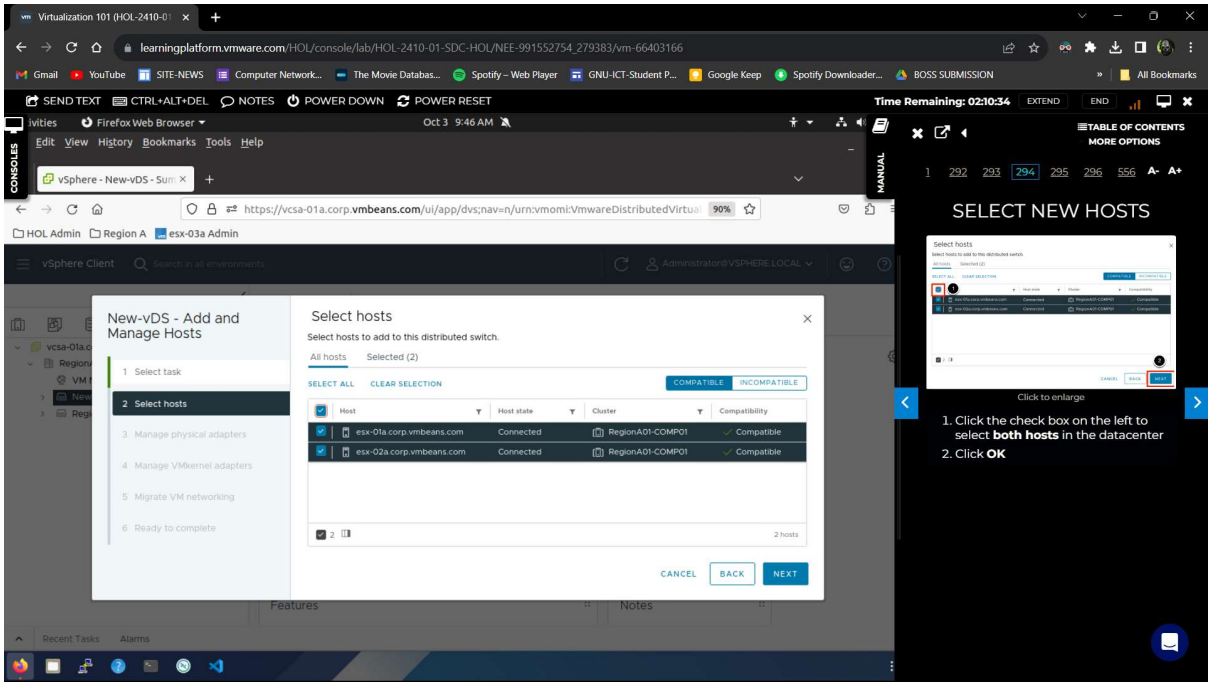
2. Topology configurations can be viewed and edited in the Topology tab :



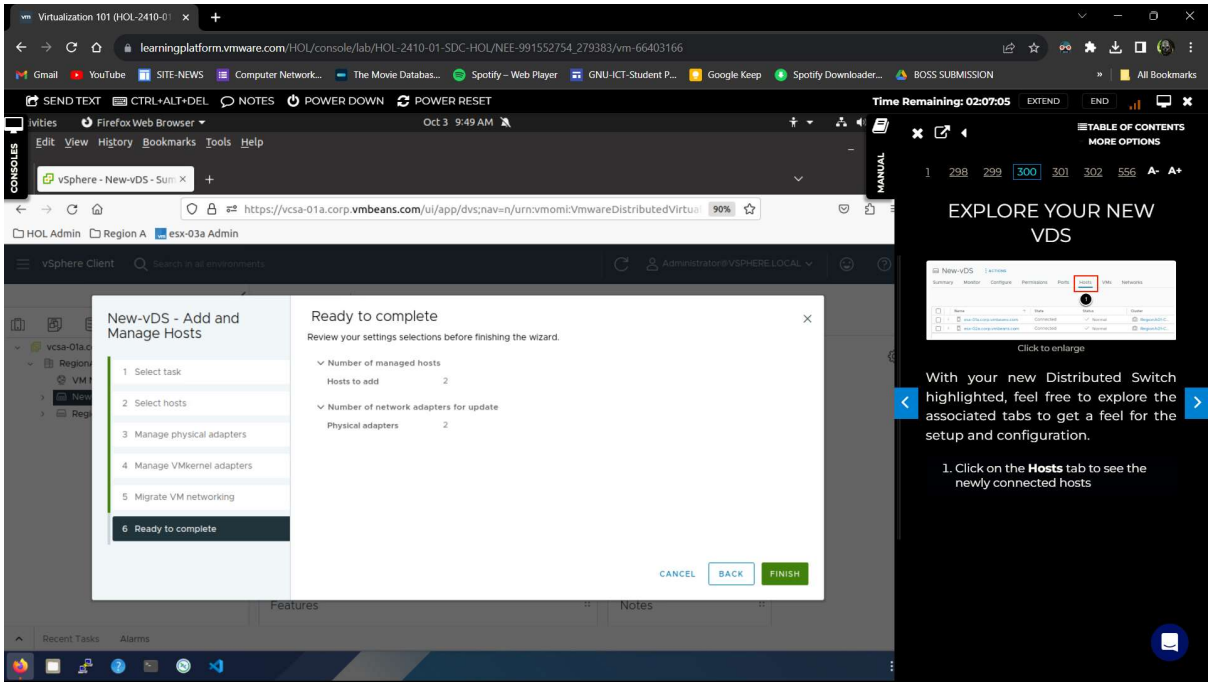
3. Create a new distributed switch with the following configurations :



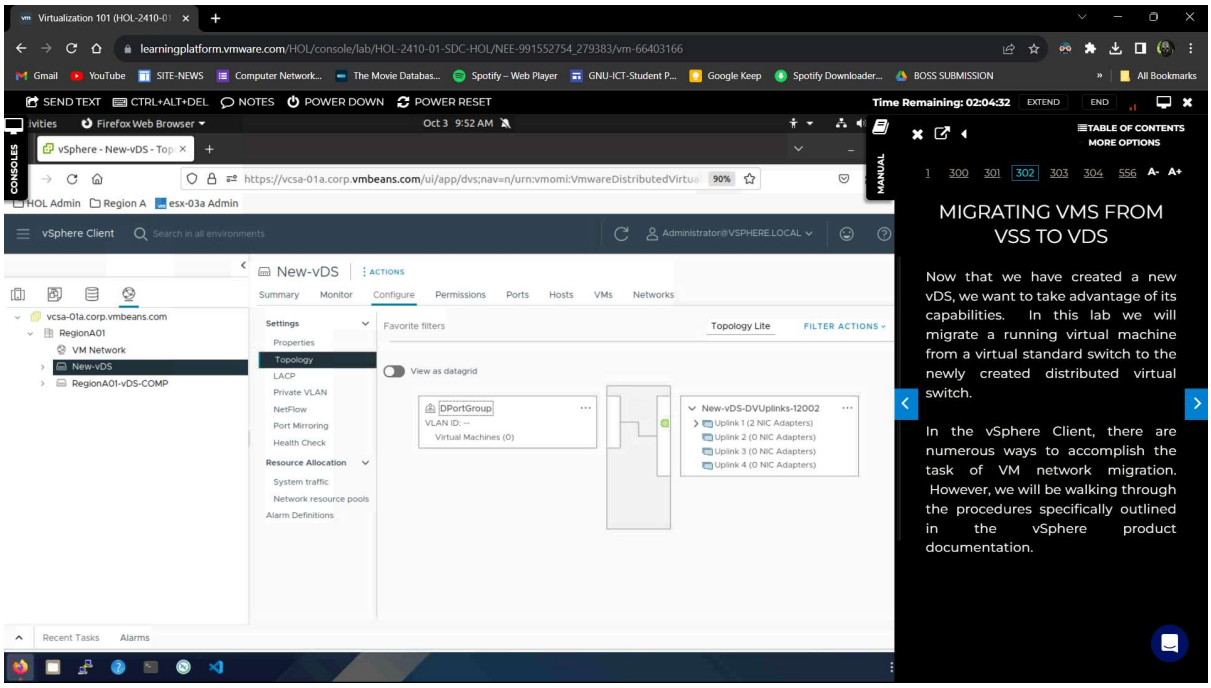
4. Add hosts in the newly created distributed switch. Select all hosts :



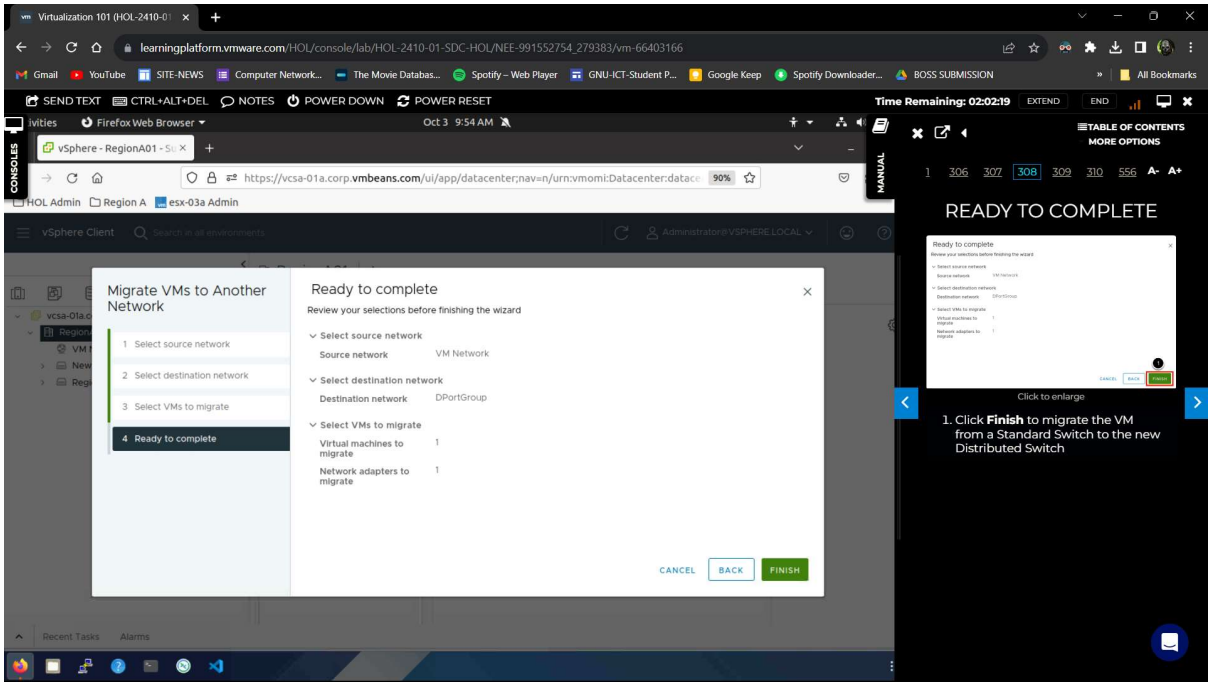
5. Confirm adding hosts with following configurations :



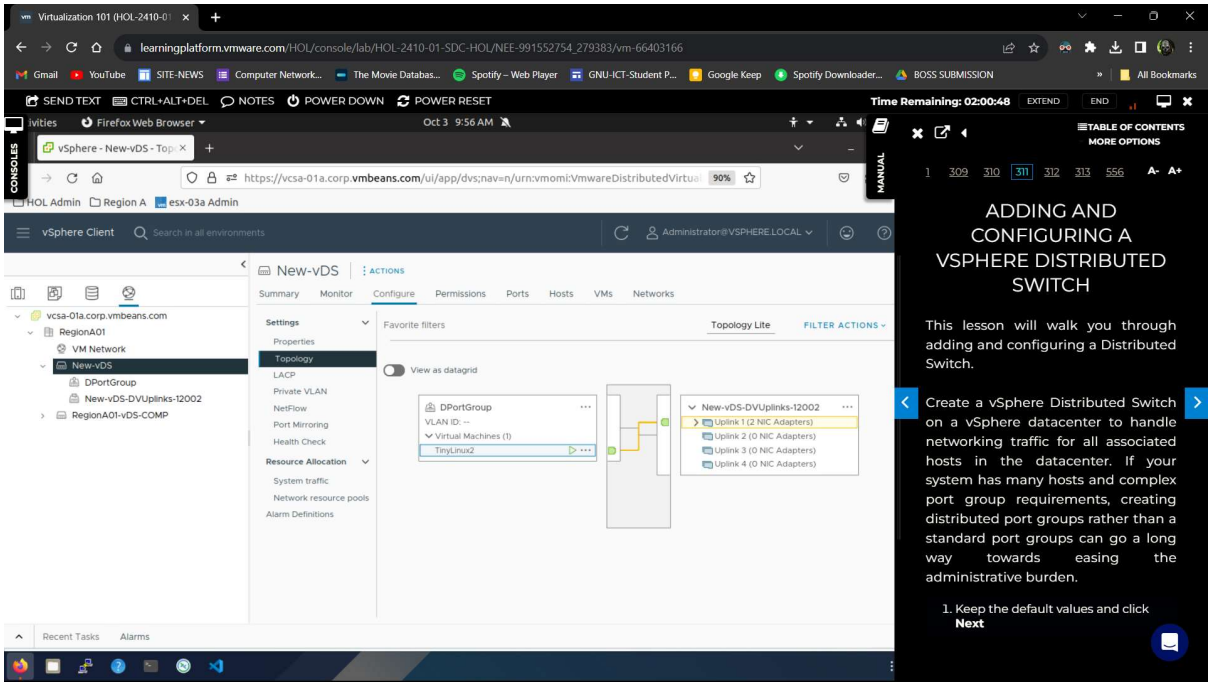
6. As seen, there are no virtual machines :



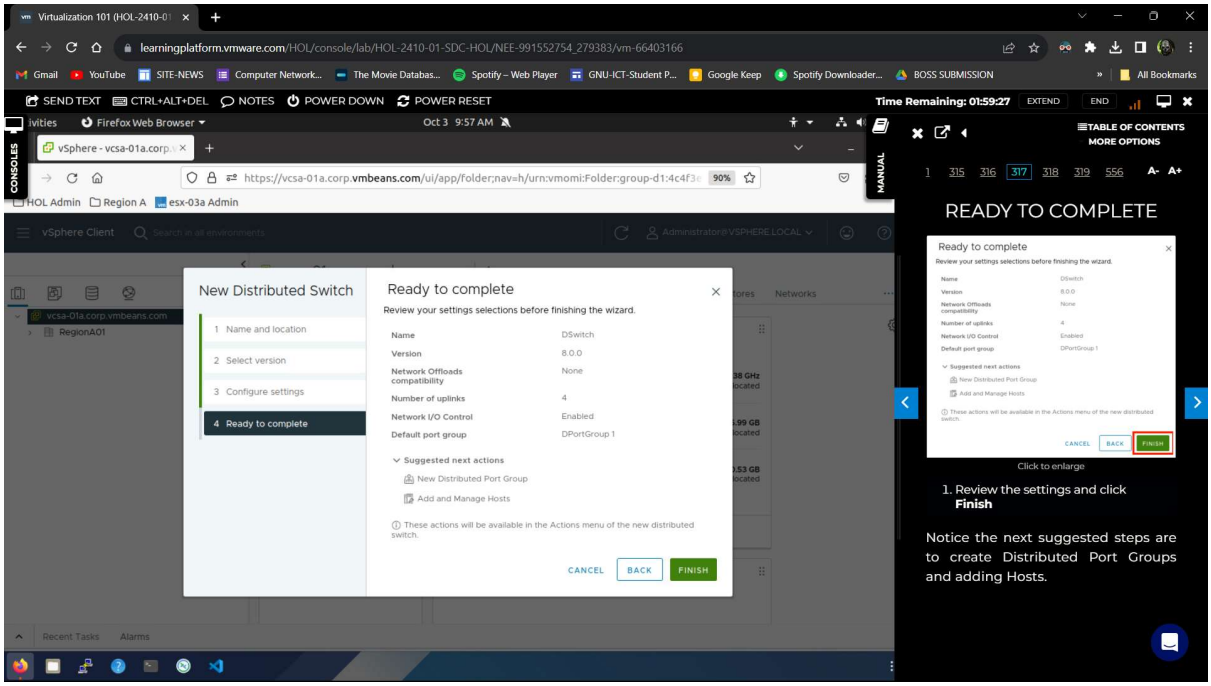
7. Migrate virtual machine from VM Network to DPort group, in which our new distributed switch is there :



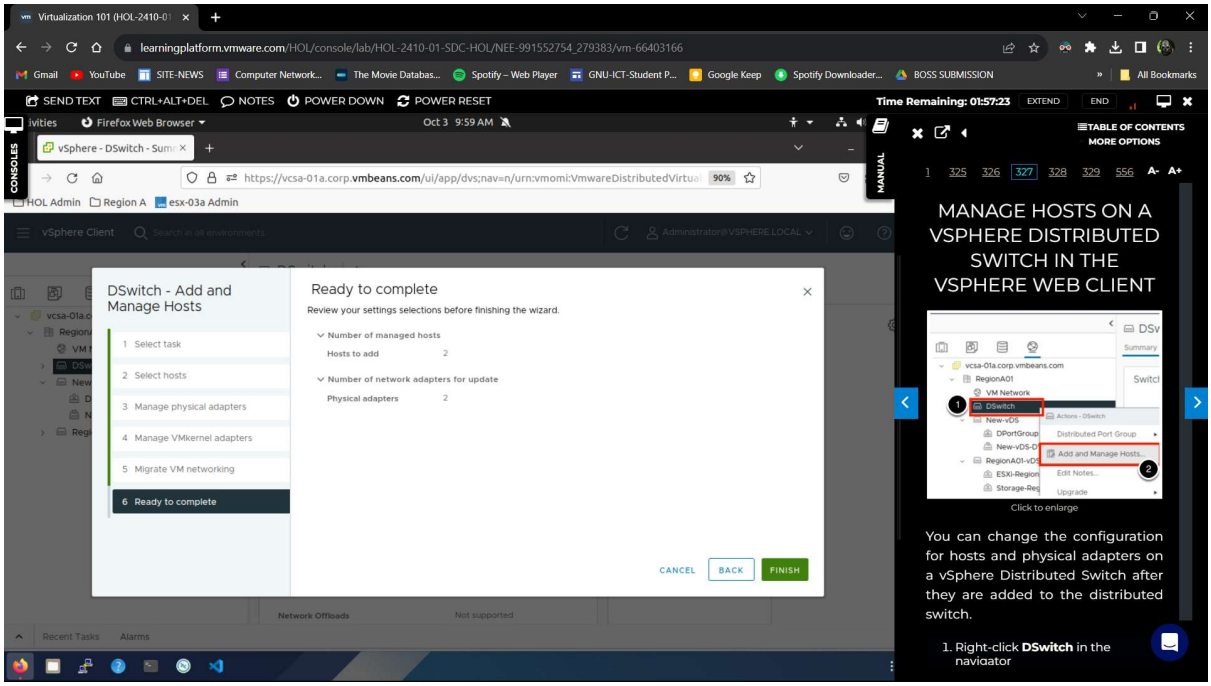
8. Now, as seen, our VM is migrated :



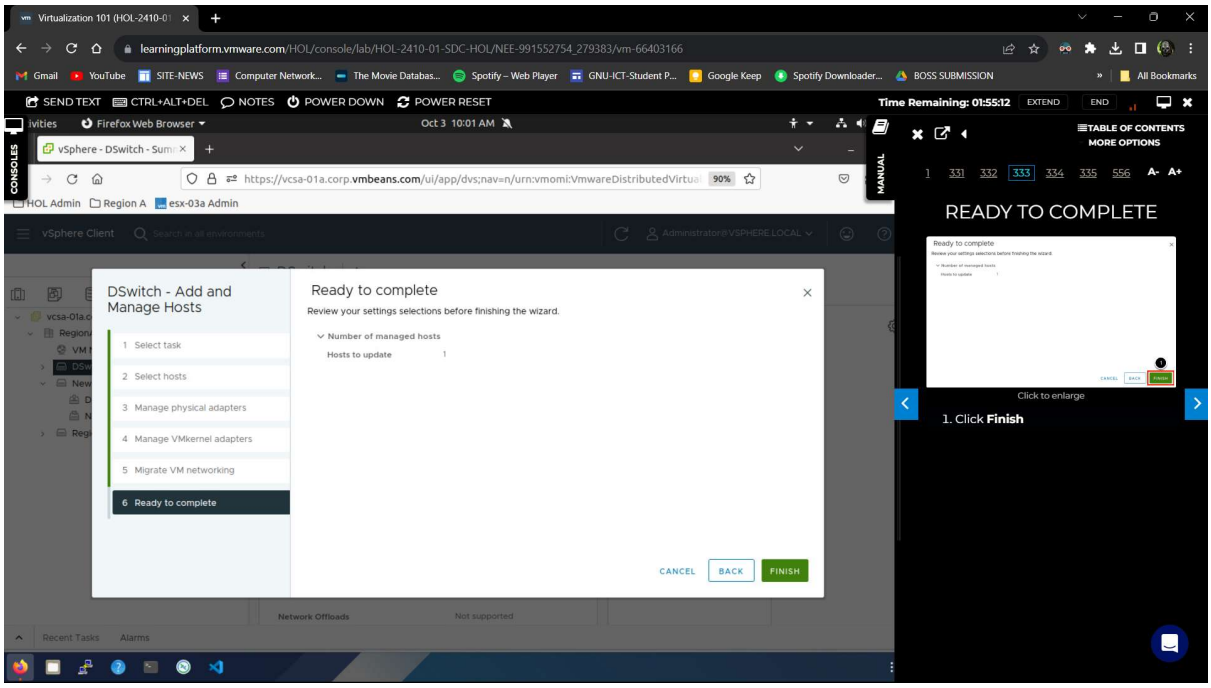
9. Now, create a new distributed switch with given configurations :



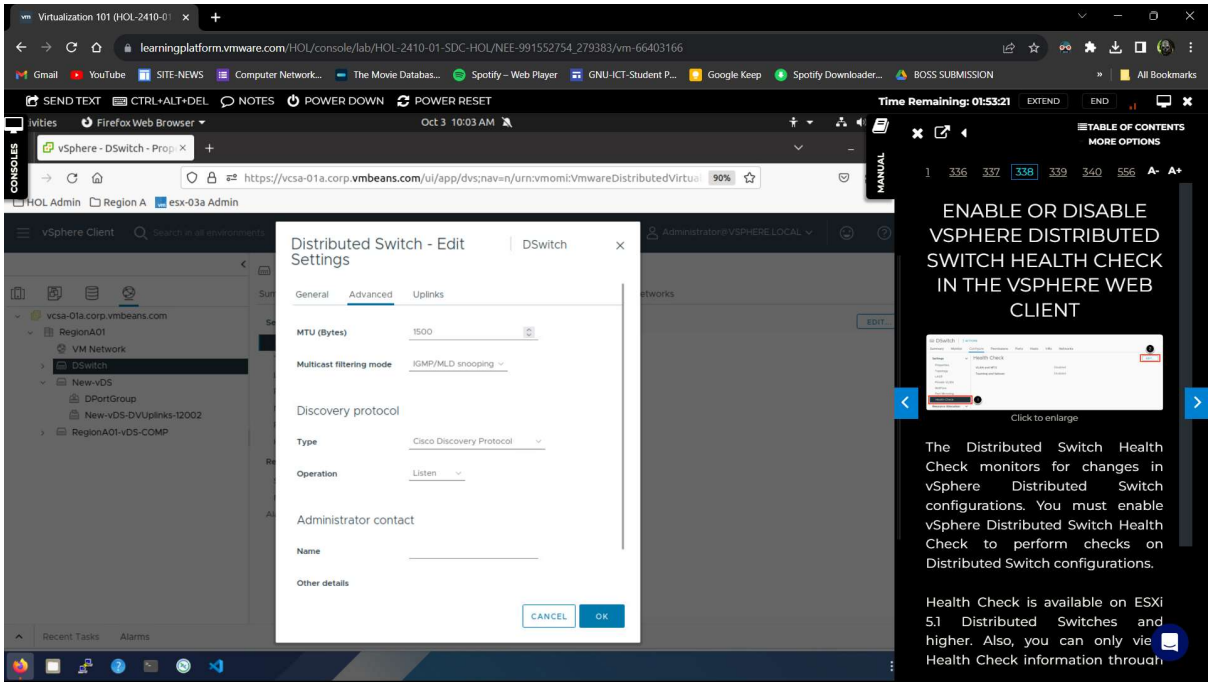
10. Now, create a new distributed switch with given configurations :



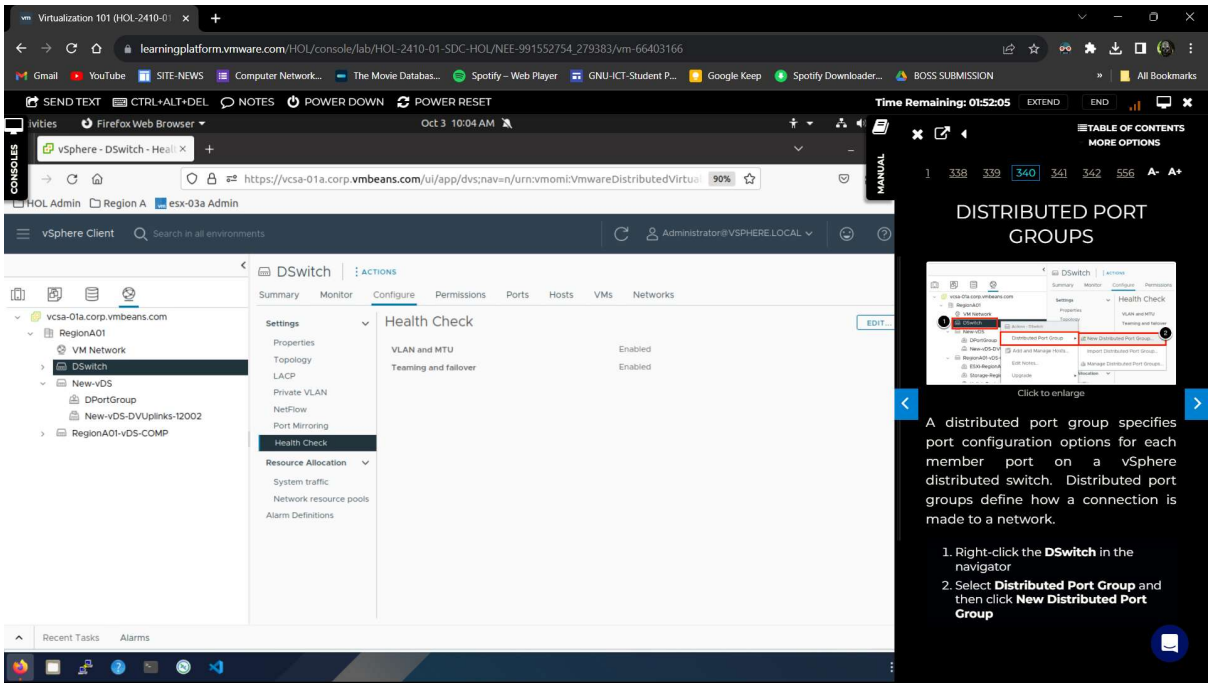
11. Manage host networking and select hosts of 01 numbered option :



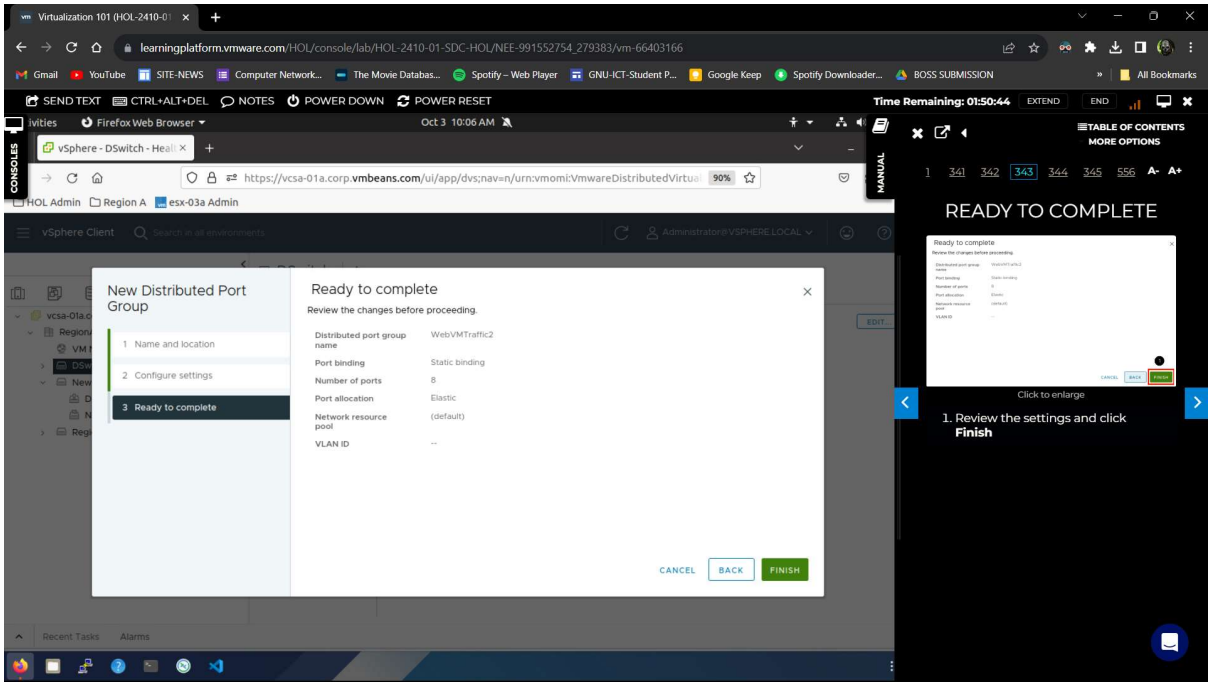
12. The advanced settings of the distributed switches can be found in edit properties tab :



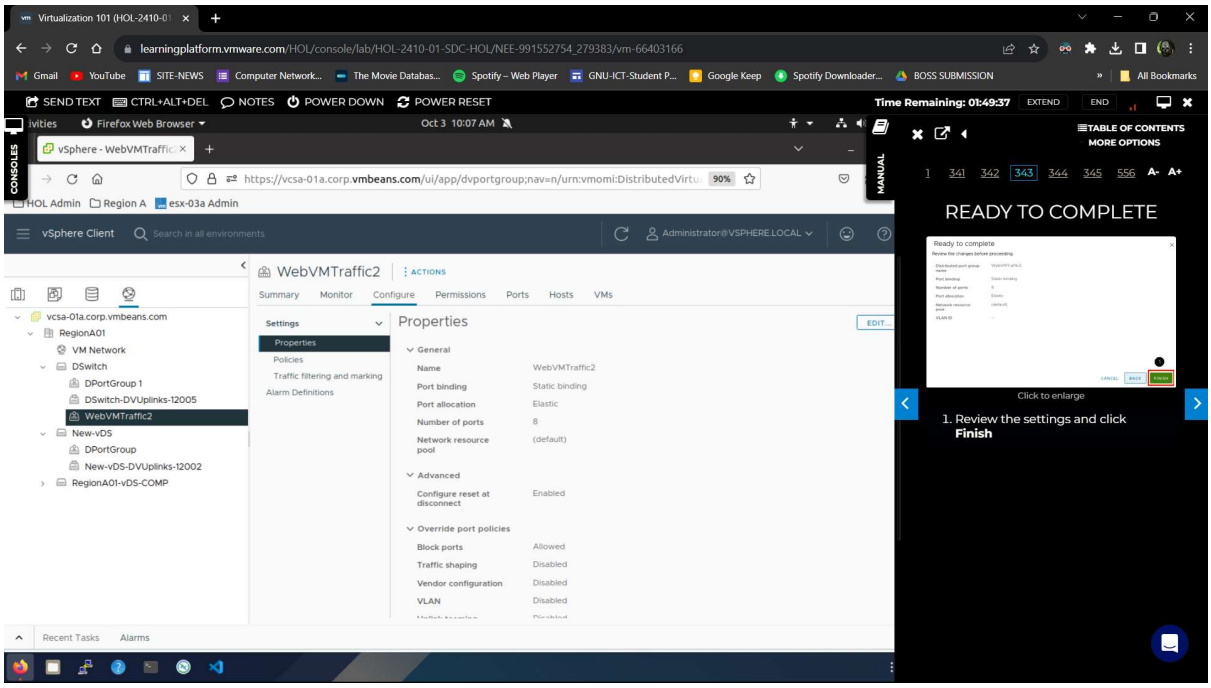
13. Similarly like previous steps, enable health check for the new switch also :



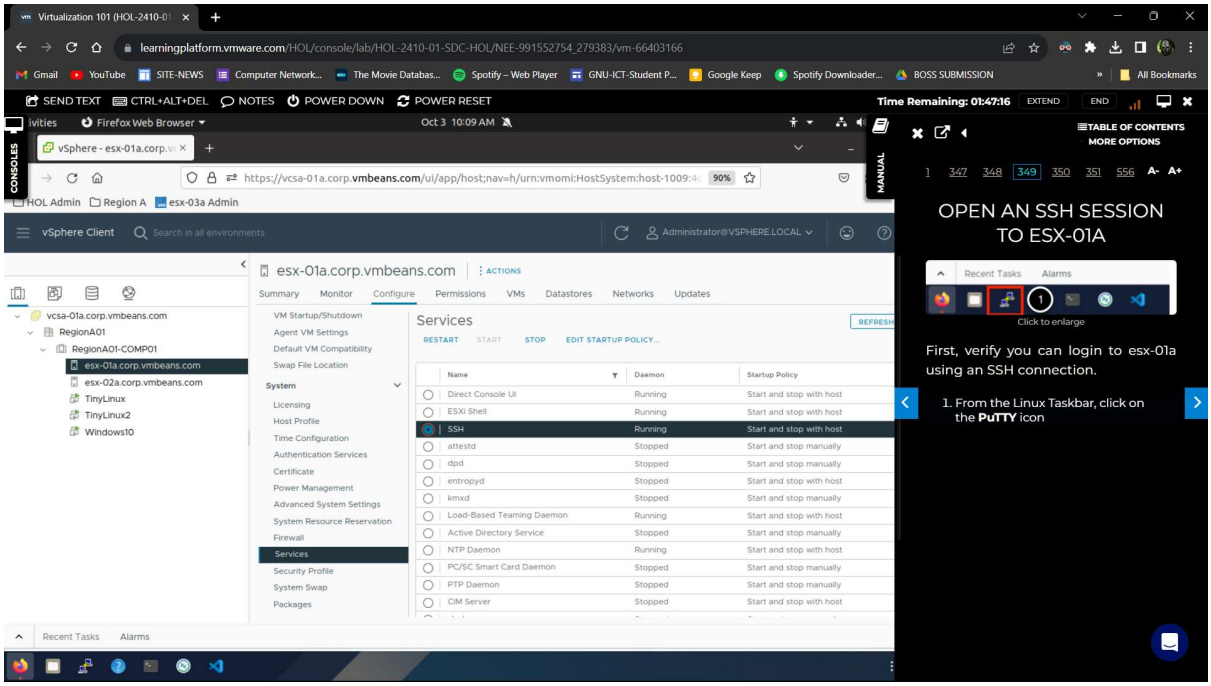
14. Create a new port group for the distributed switch with following configurations :



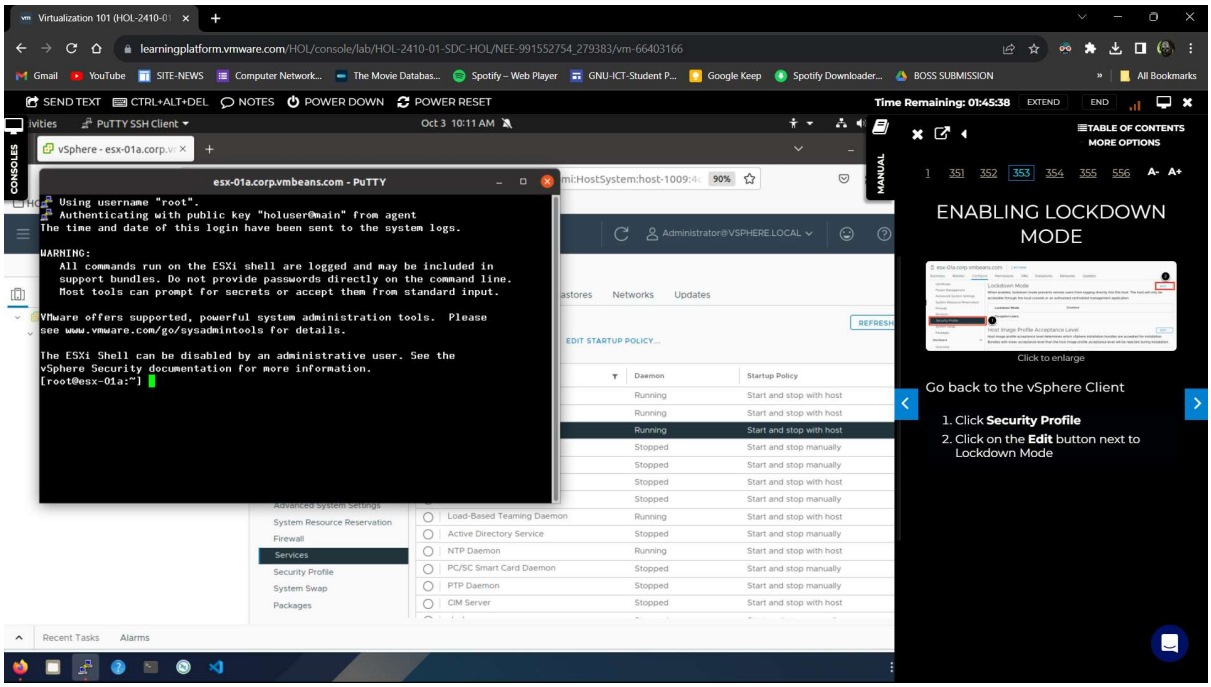
15. As seen in the screenshot below, distributed group's properties can be seen and edited :



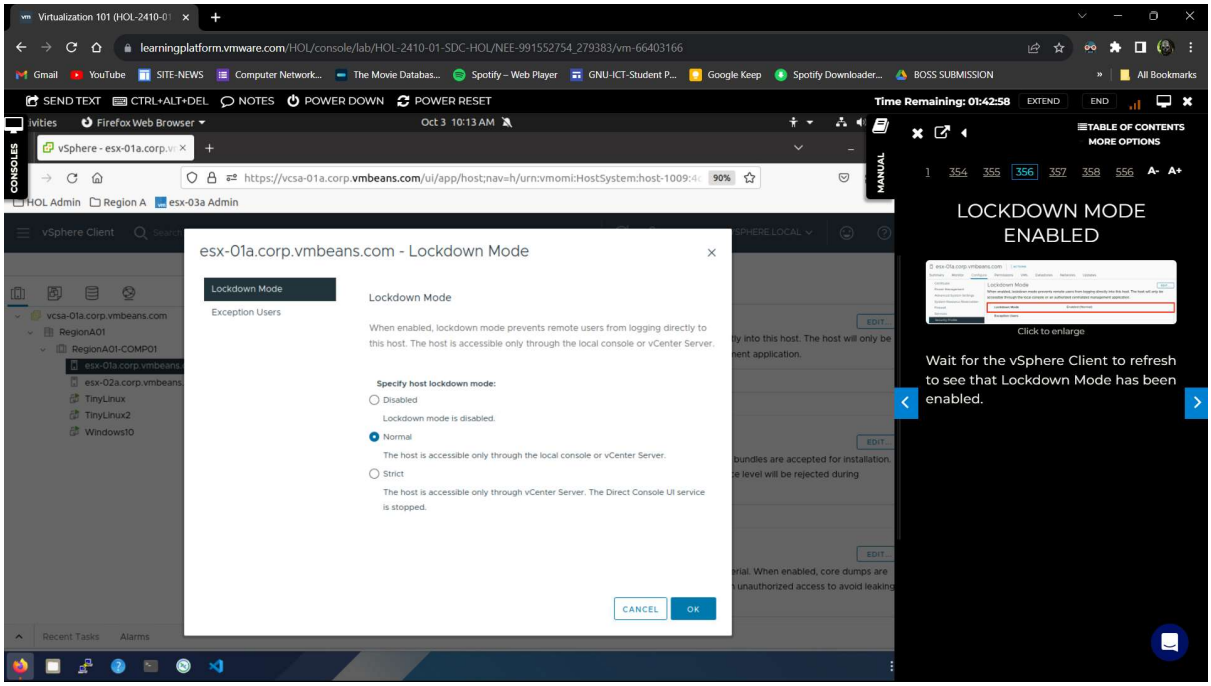
16. Check from Services of esx-01 if SSH is enabled. Now, it will be accessed via our SSH client (PuTTY here) :



17. Click on PuTTY icon and open the application in out Ubuntu OS and load saved esx-01 profile and connect via SSH to the virtual machine :



18. The unauthorized access can be prevented by enabling host lockdown mode and also exception users can be added:



Conclusion :

this practical exercise provided hands-on experience in configuring and managing distributed switches, port groups, and host networking in a VMware virtualization environment. Additionally, it demonstrated the importance of securing access and managing network configurations effectively.