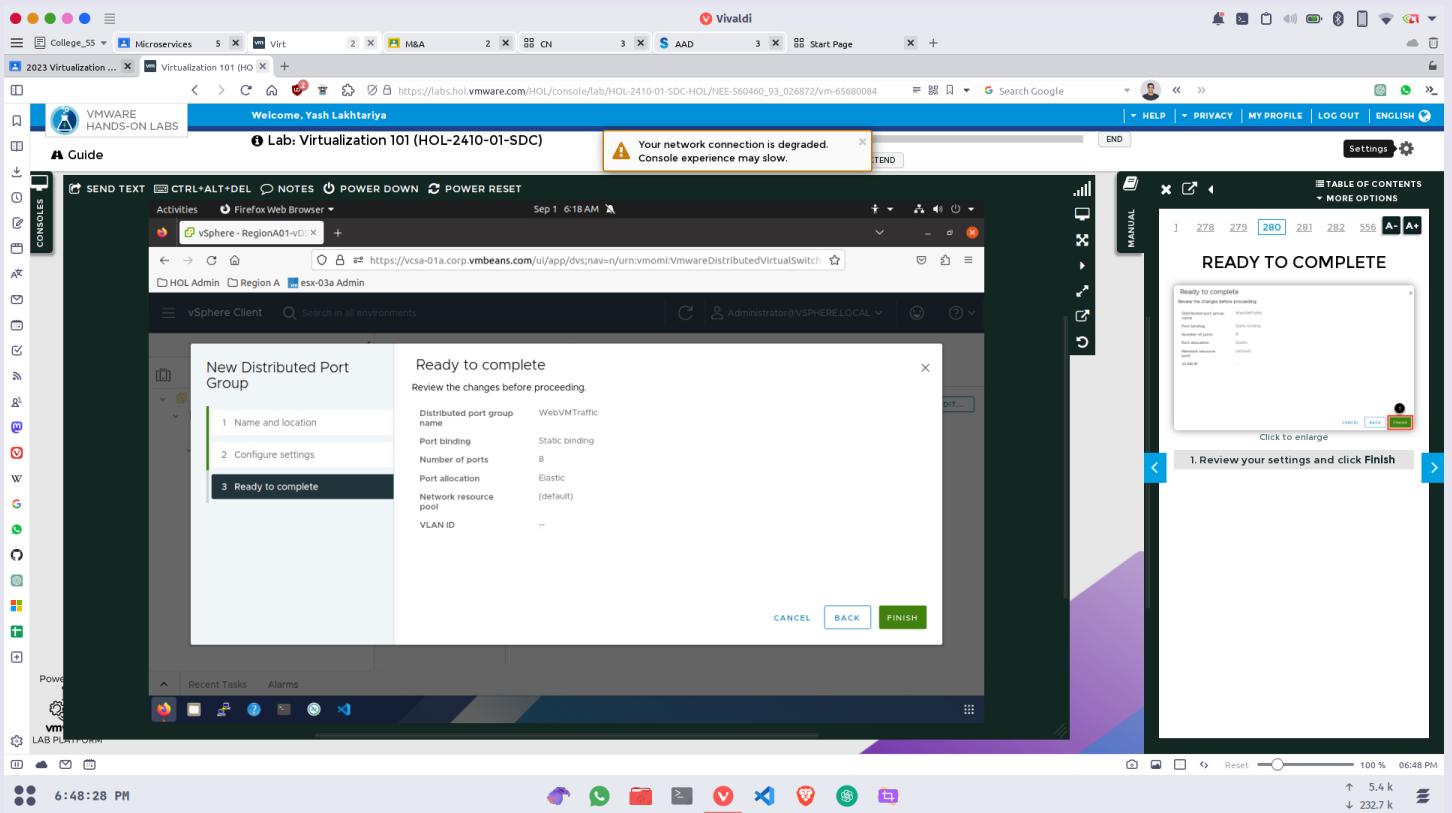


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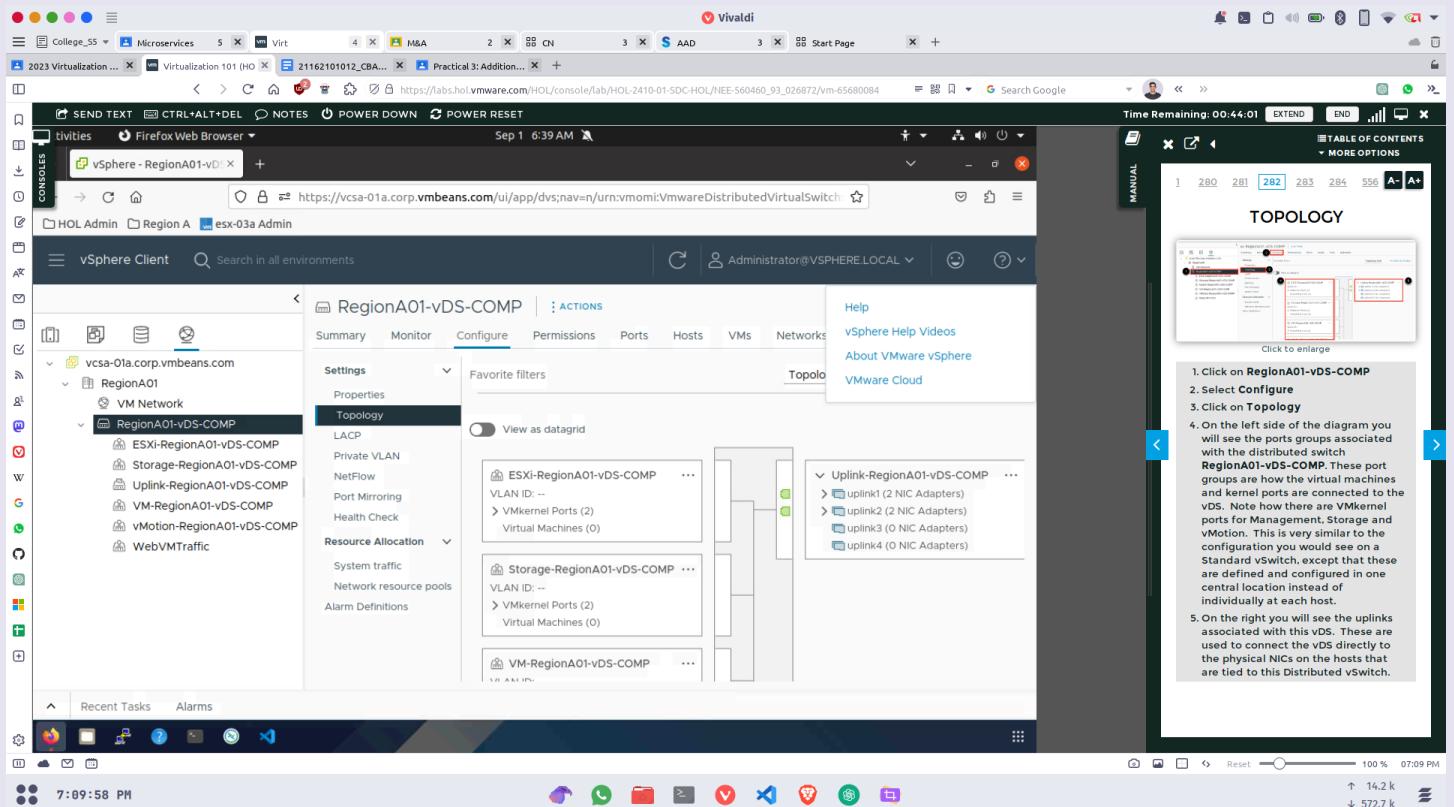
## Practical 4 : Configuration of distributed port groups

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



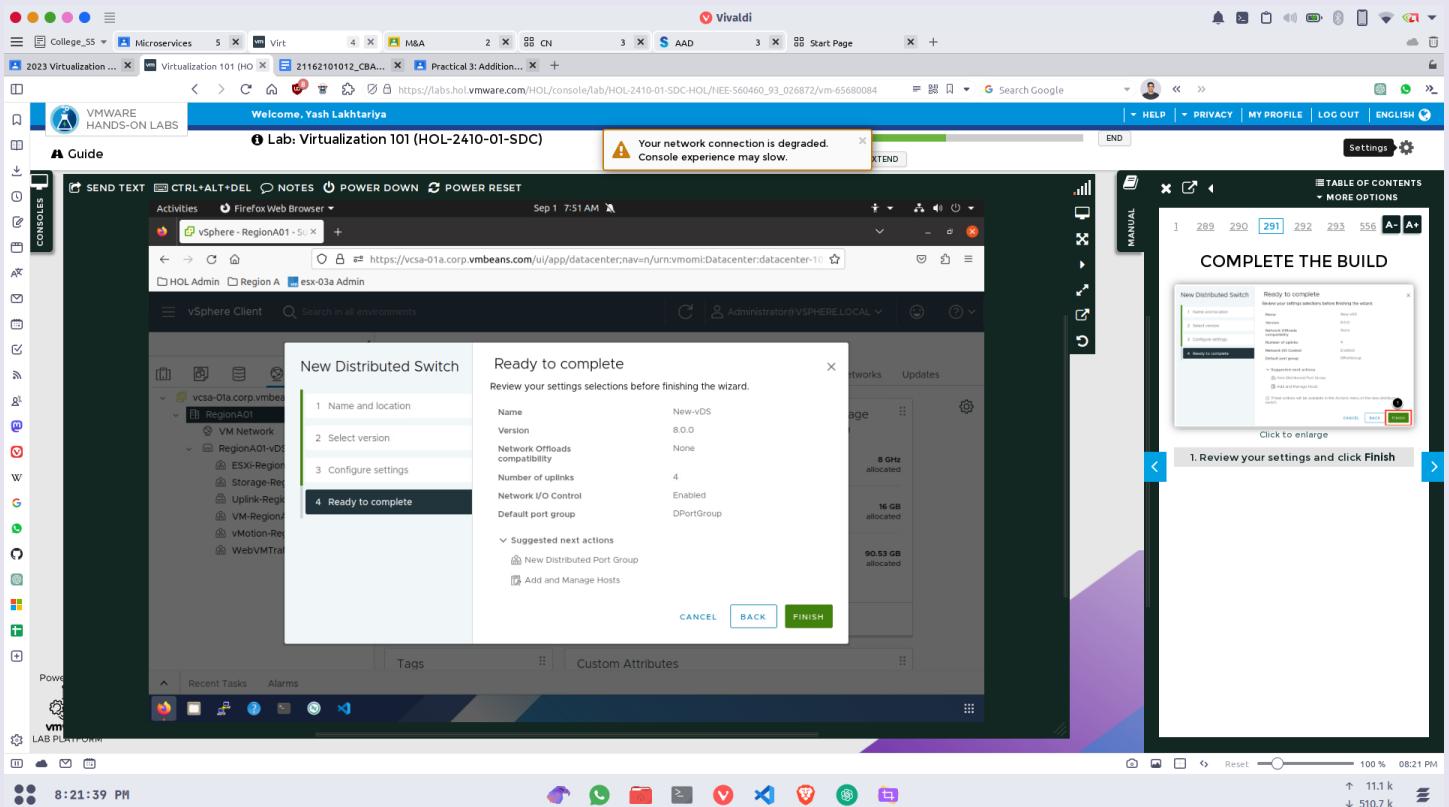
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## 2. Topology configurations can be viewed and edited in the Topology tab.



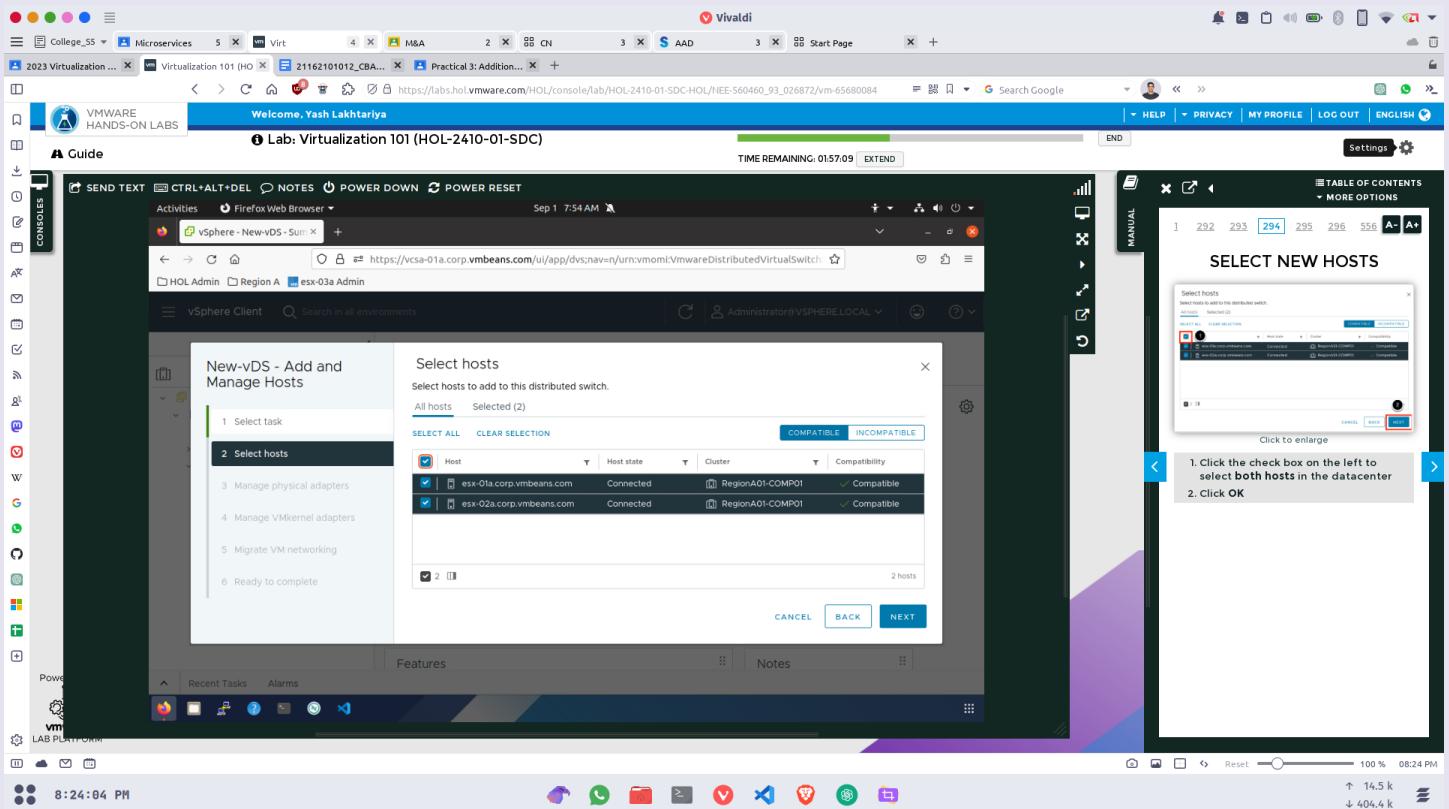
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### 3. Create a new distributed switch with the following configurations.



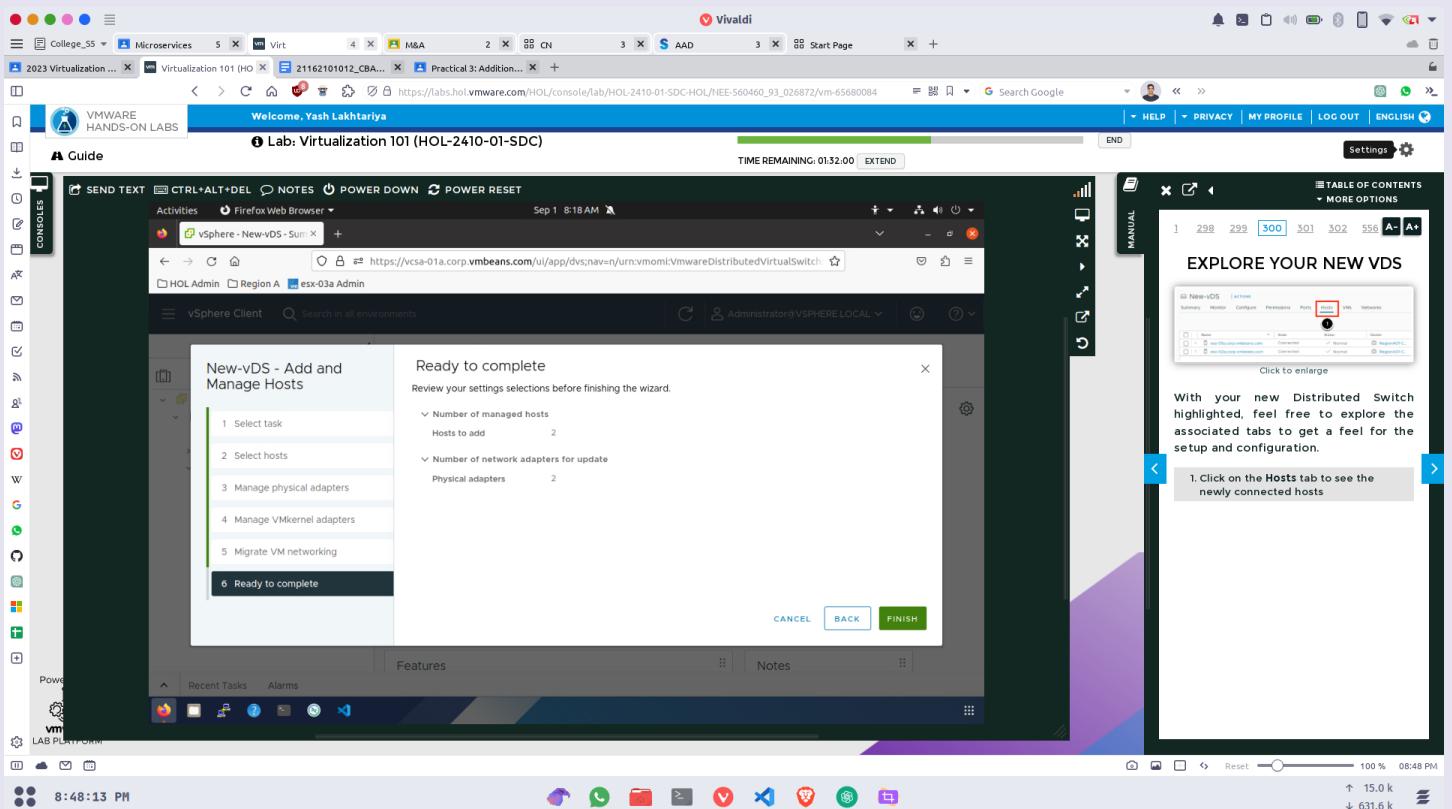
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#### 4. Add hosts in the newly created distributed switch. Select all hosts.



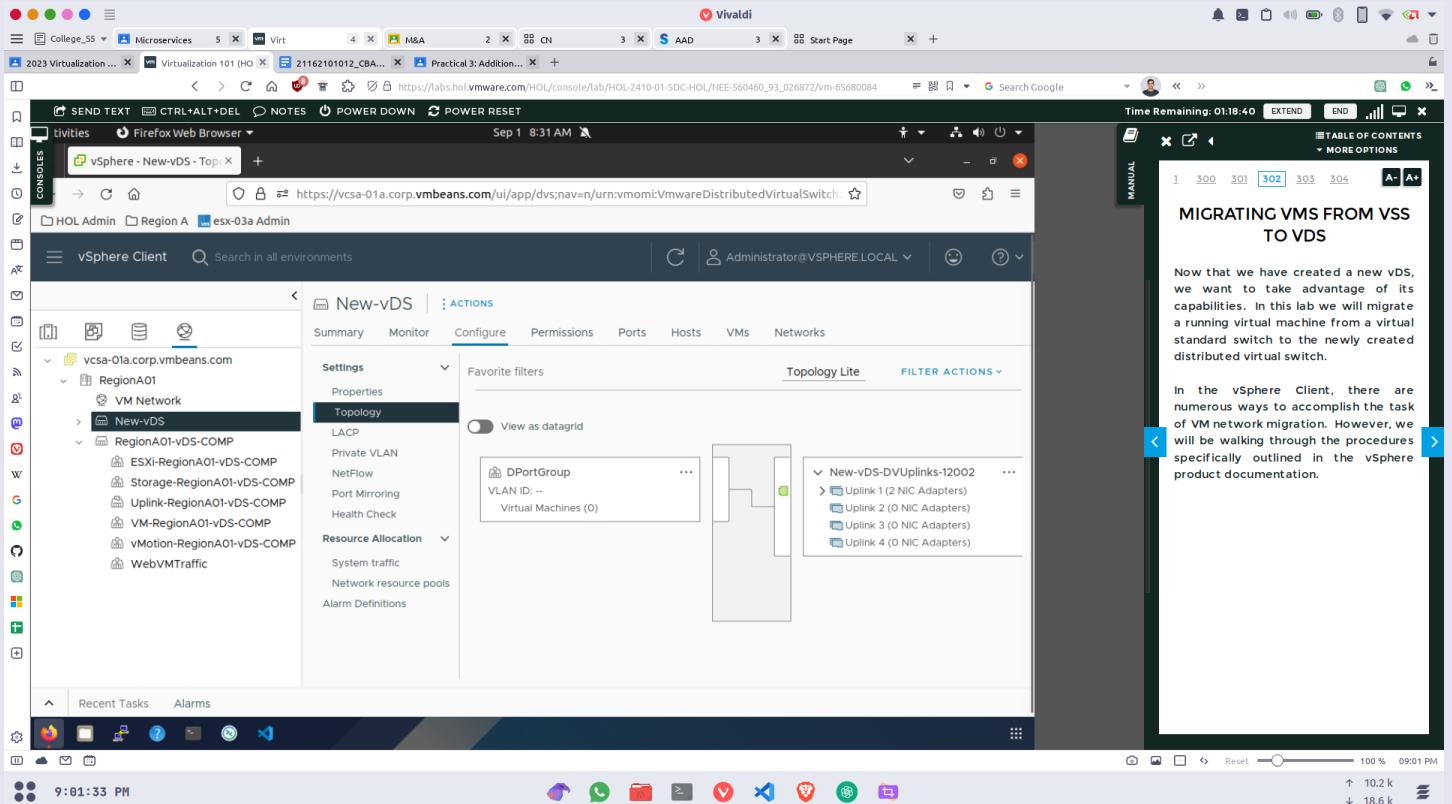
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## 5. Confirm adding hosts with following configurations.



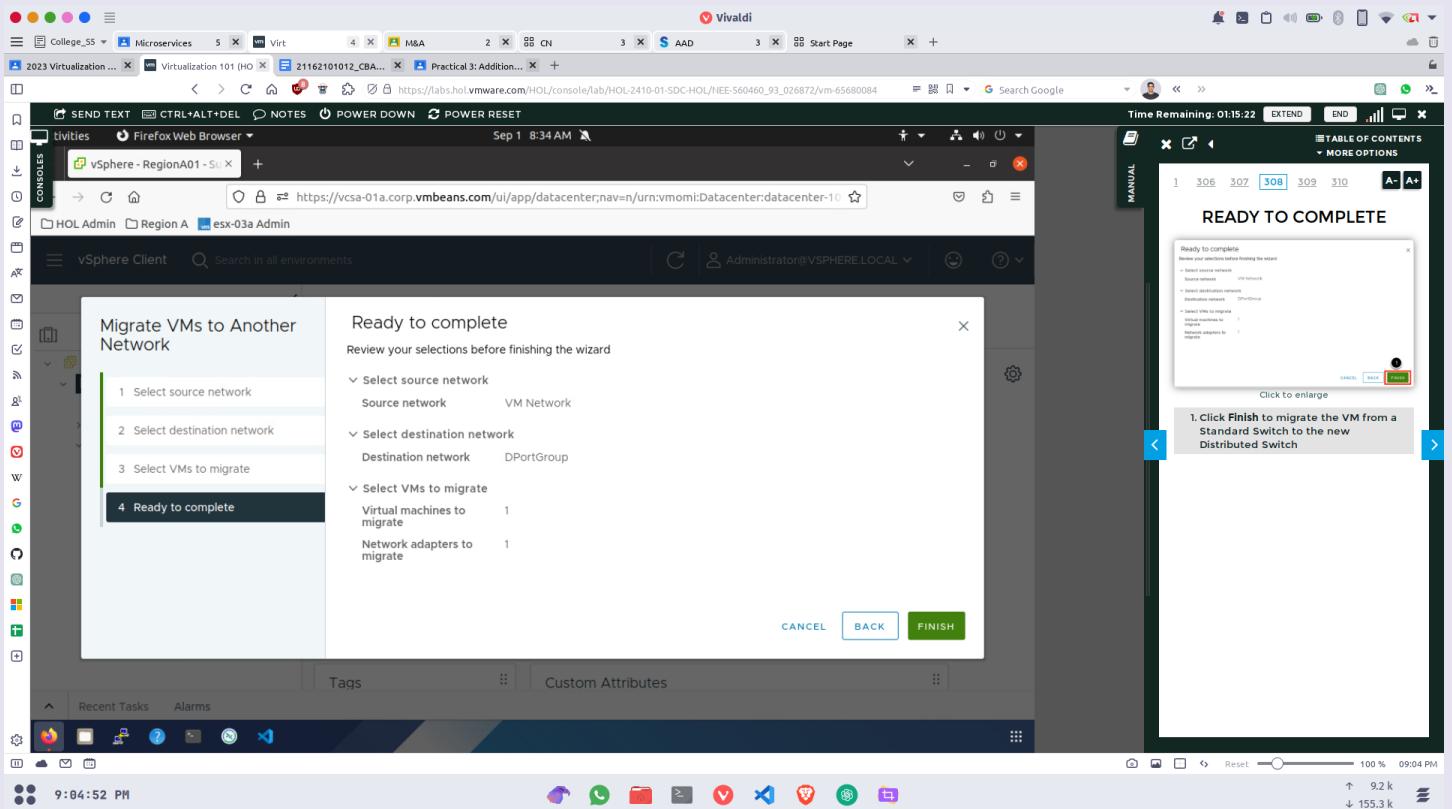
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## 6. As seen, there are no virtual machines.



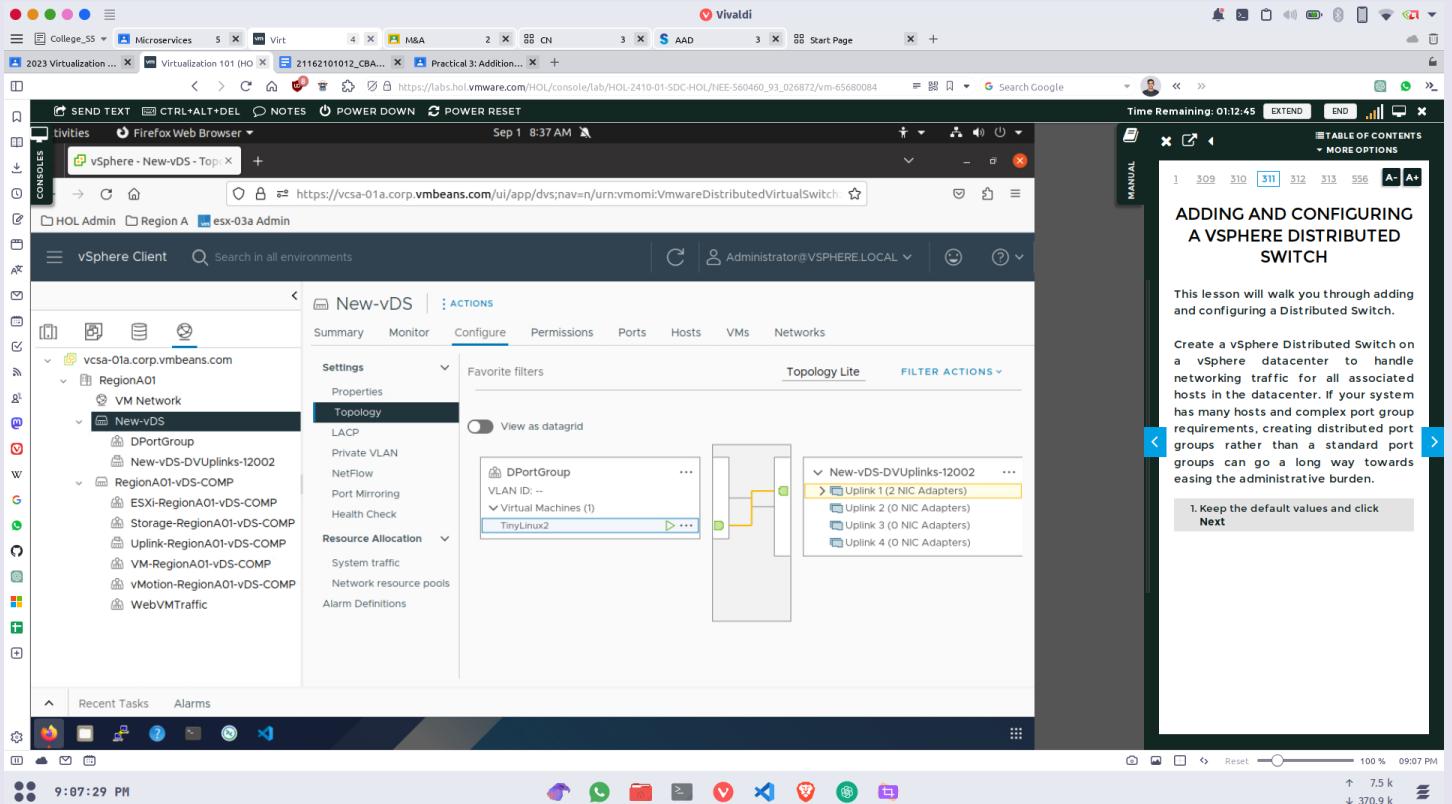
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7. Migrate virtual machine from VM Network to DPort group, in which our new distributed switch is there.



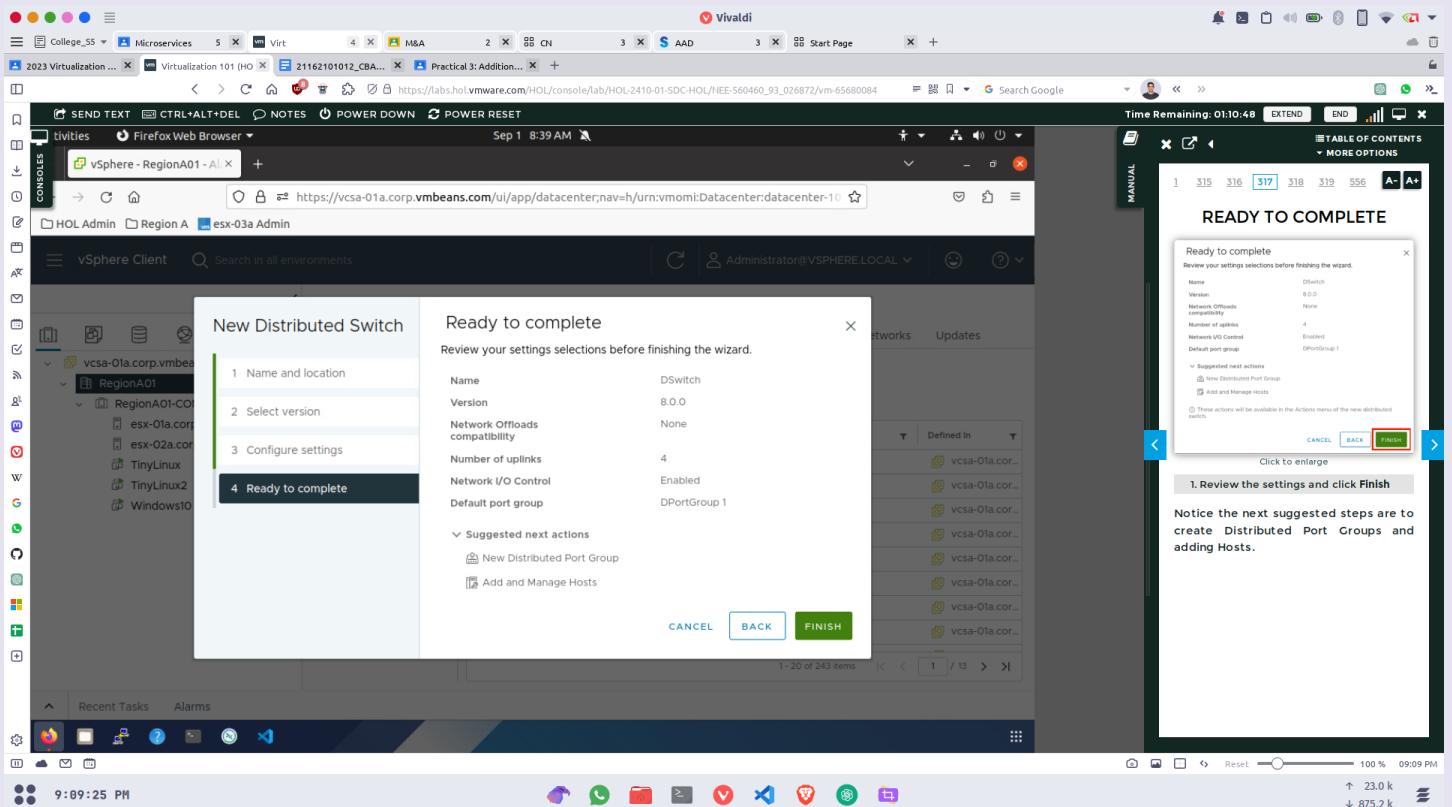
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## 8. Now, as seen, our VM is migrated.



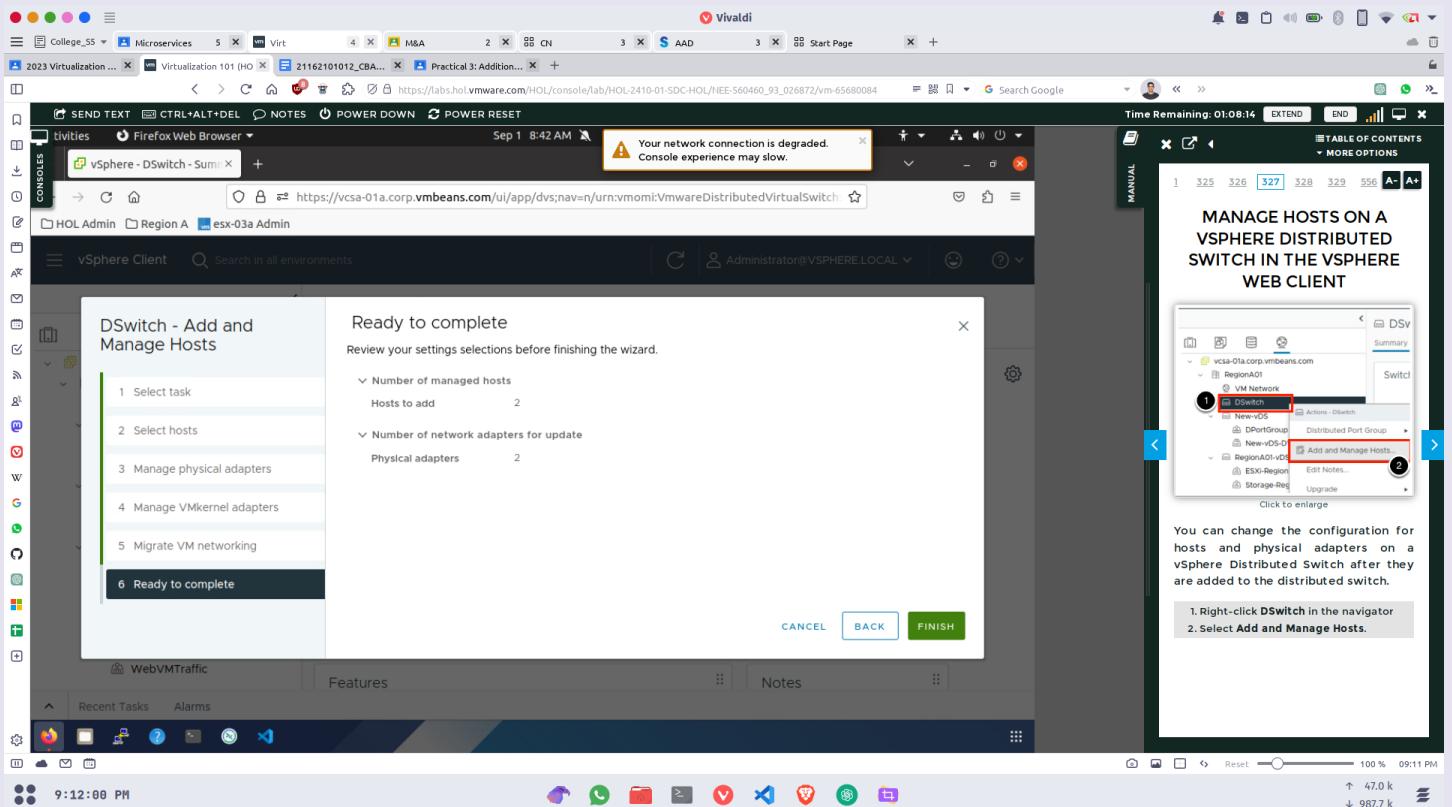
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## 9. Now, create a new distributed switch with given configurations.



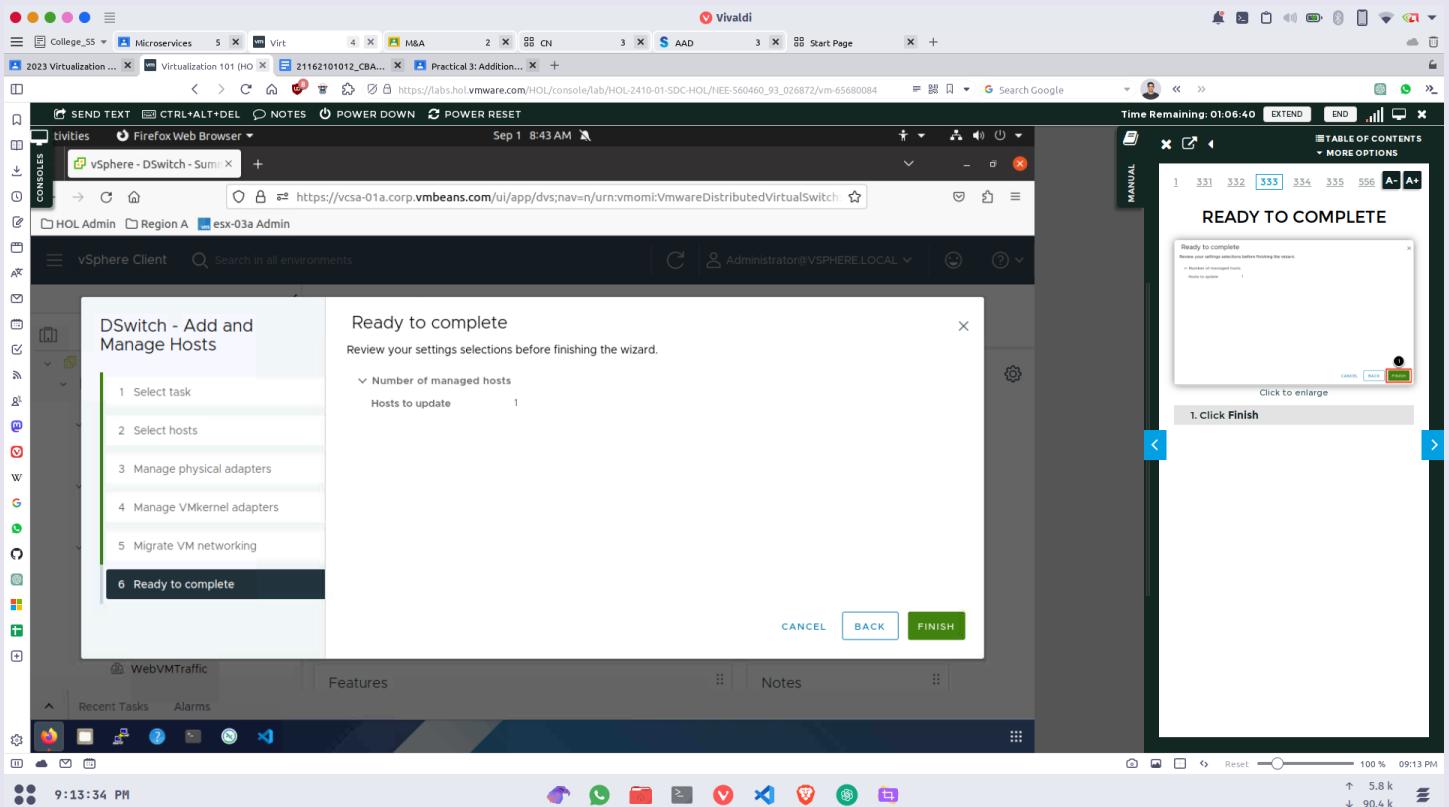
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## 10. Again, add all hosts to it similar to previous switch.



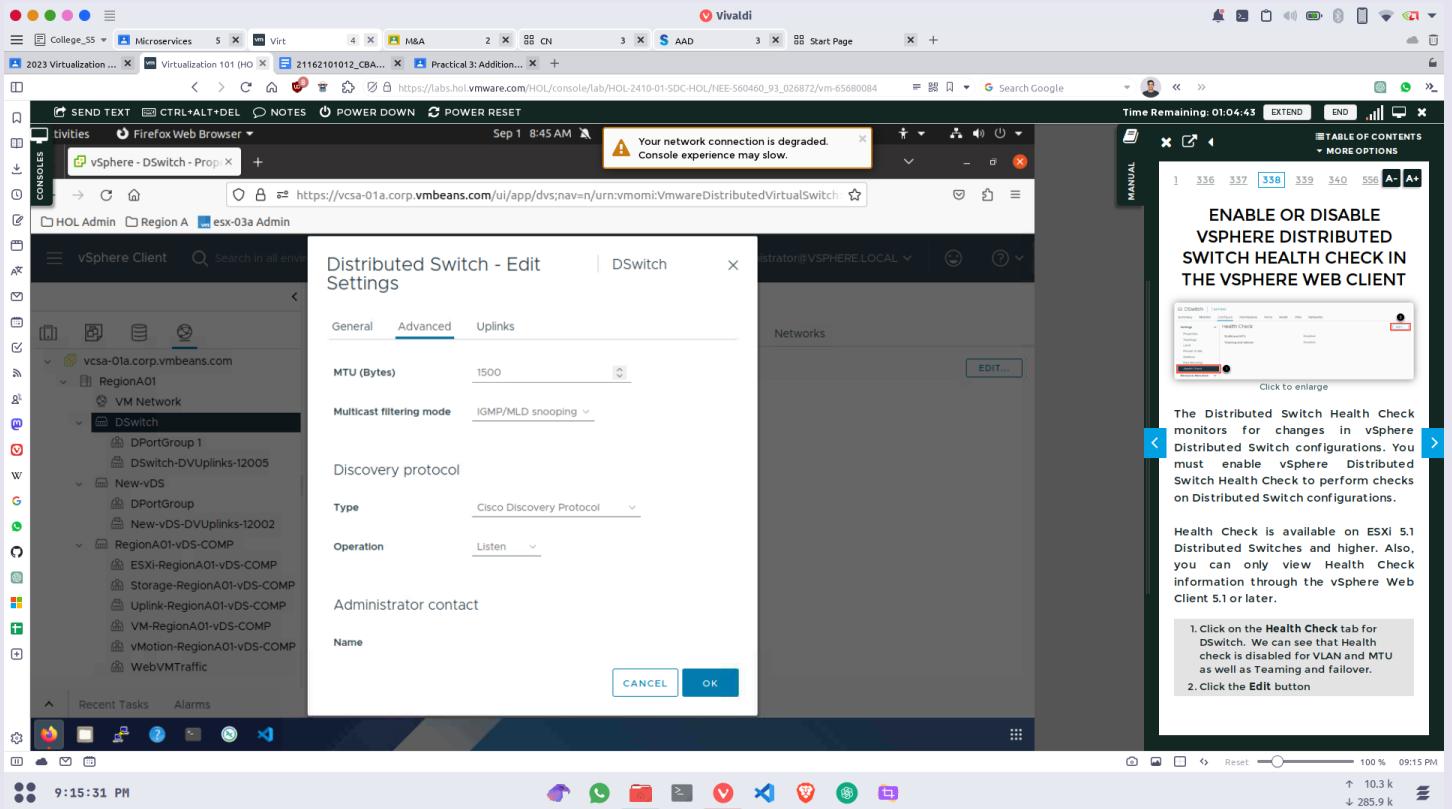
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## 11. Manage host networking and select hosts of 01 numbered option.



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



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

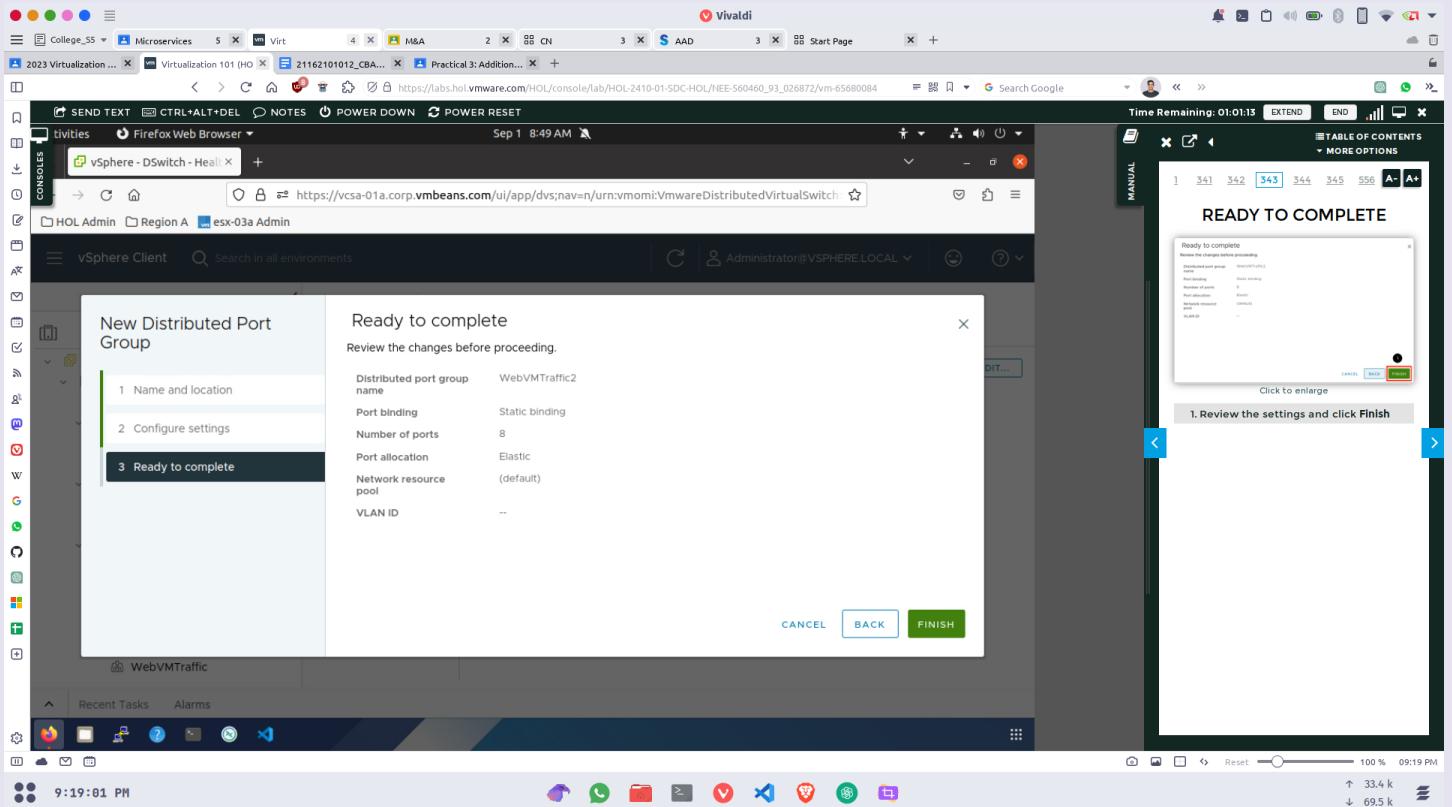
The screenshot shows the vSphere Client interface with the 'vSphere - DSwitch - Health' tab selected. In the left navigation pane, 'DSwitch' is highlighted. Under the 'Settings' section, the 'Health Check' tab is active. The 'VLAN and MTU' and 'Teaming and failover' sections are visible. A tooltip on the right side of the screen provides instructions for creating a new distributed port group:

1. Right-click the DSwitch in the navigator
2. Select Distributed Port Group and then click New Distributed Port Group

A distributed port group specifies port configuration options for each member port on a vSphere distributed switch. Distributed port groups define how a connection is made to a network.

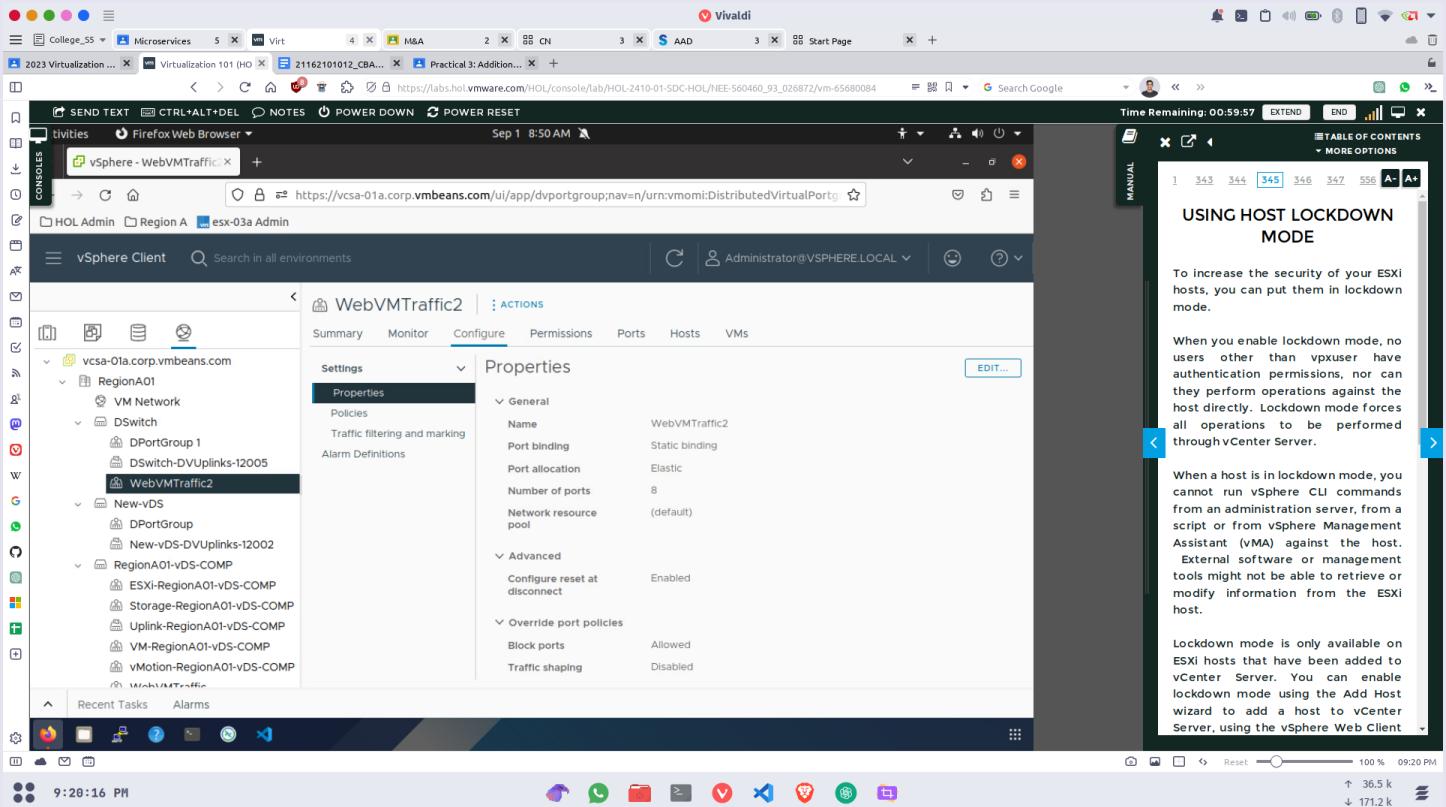
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14. Create a new port group for the distributed switch with following configurations.



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



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

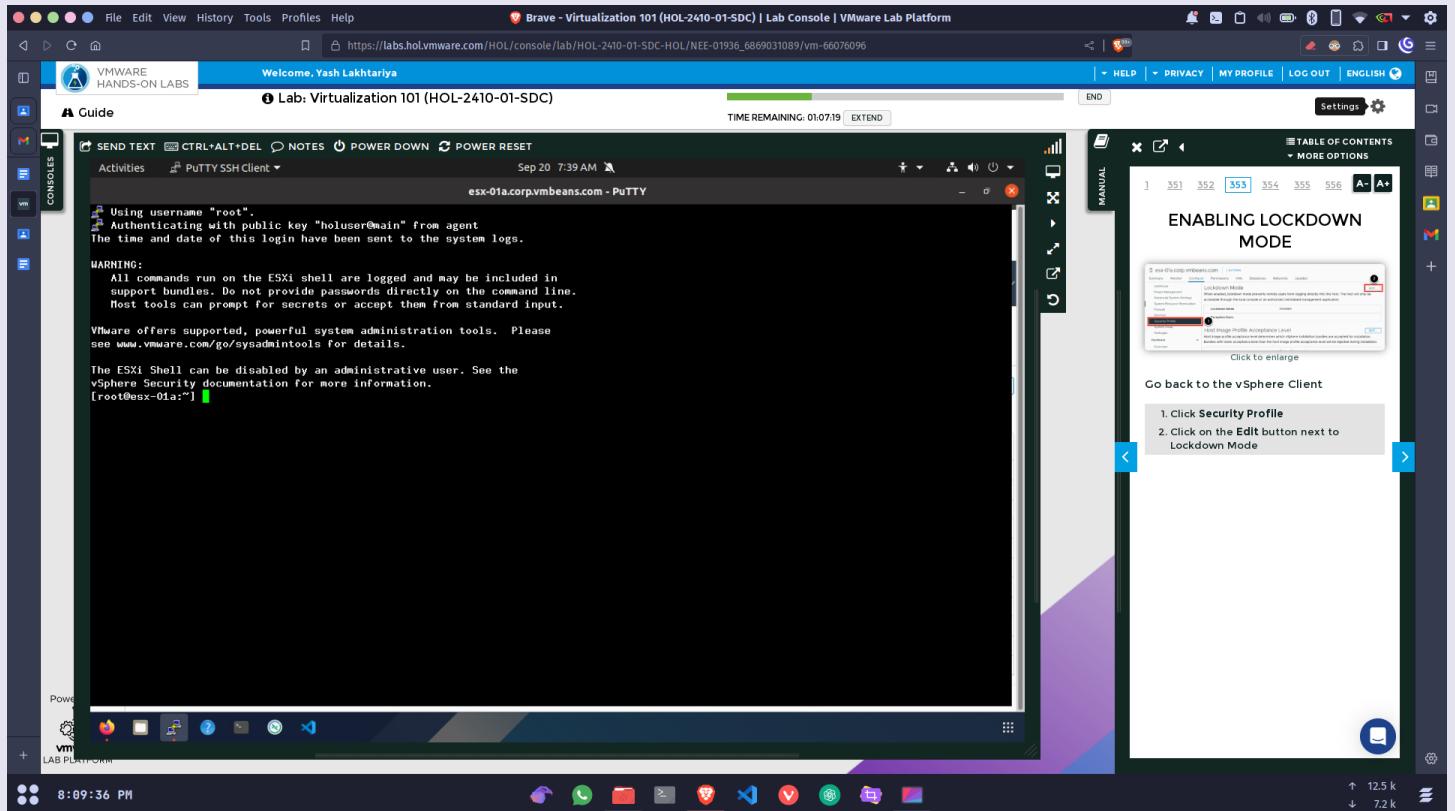
The screenshot shows the VMware vSphere Client interface. On the left, the navigation tree shows the host `esx-01a.corp.vmbeans.com`. In the center, the `Services` tab is selected. The table lists various services:

Name	Daemon	Startup Policy
Direct Console UI	Running	Start and stop with host
ESXi Shell	Running	Start and stop with host
attestd	Stopped	Start and stop manually
dpd	Stopped	Start and stop manually
entropyd	Stopped	Start and stop with host
kmod	Stopped	Start and stop manually
Load-Based Teaming Daemon	Running	Start and stop with host
Active Directory Service	Stopped	Start and stop manually
NTP Daemon	Running	Start and stop with host
PC/SC Smart Card Daemon	Stopped	Start and stop manually

A sidebar on the right provides instructions for opening an SSH session to ESX-01A using PuTTY.

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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.



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

