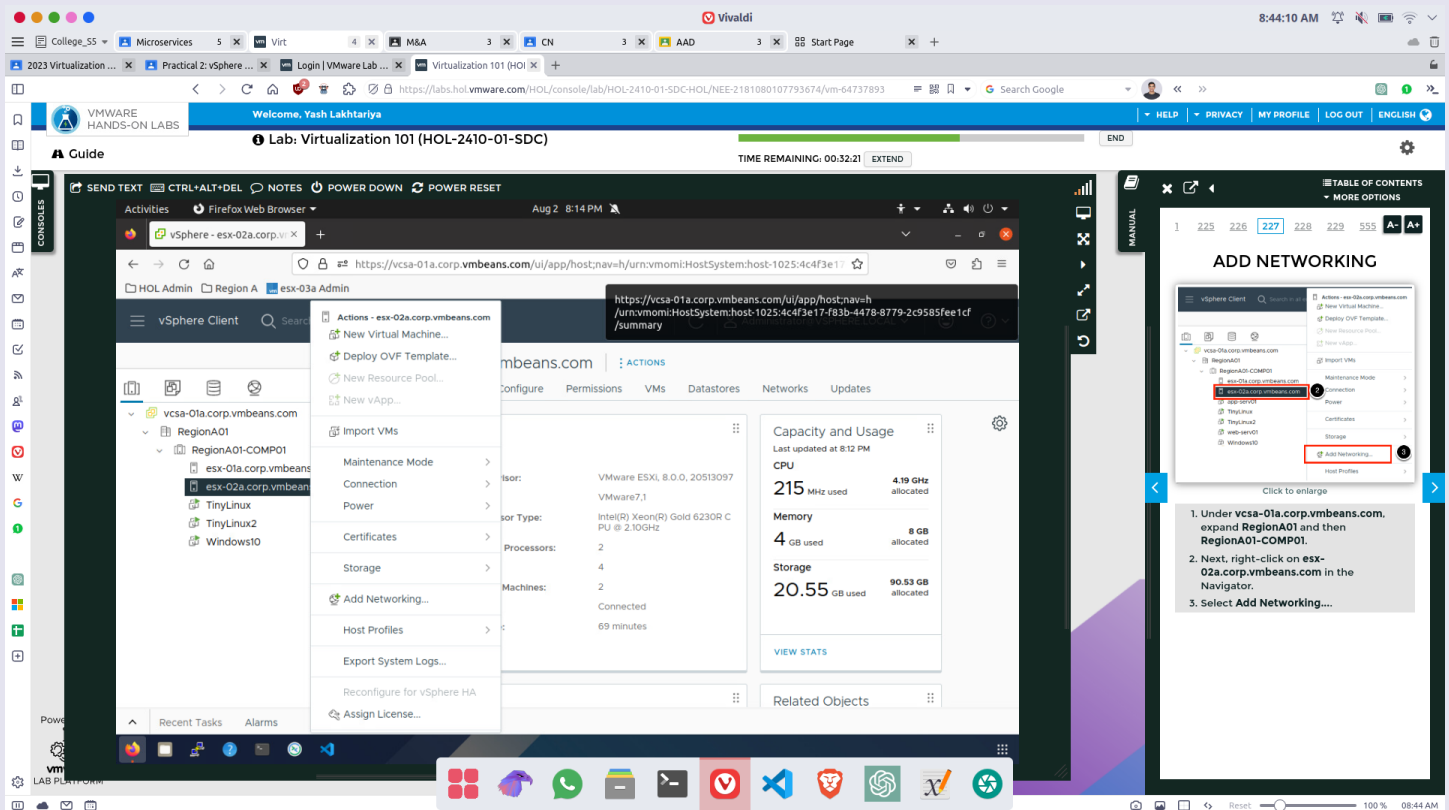


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Practical 2: vSphere Networking and Security (standard switches)

1. Login to vSphere Client and add networking to the given VM



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2. Configure new network switch with the given configurations

The screenshot displays the VMware Hands-on Labs environment. The main window shows the vSphere Client interface for the host 'esx-02a.corp.vmbeans.com'. The left sidebar shows the inventory tree with 'RegionA01' and 'esx-02a.corp.vmbeans.com' selected. The main panel shows the 'Host Details' tab with the following information:

Property	Value
Hypervisor	VMware ESXi, 8.0.0, 20513097
Model	VMware7,1
Processor Type	Intel(R) Xeon(R) Gold 6230R CPU @ 2.10GHz
Logical Processors	2
NICs	4
Virtual Machines	2
State	Connected
Uptime	69 minutes

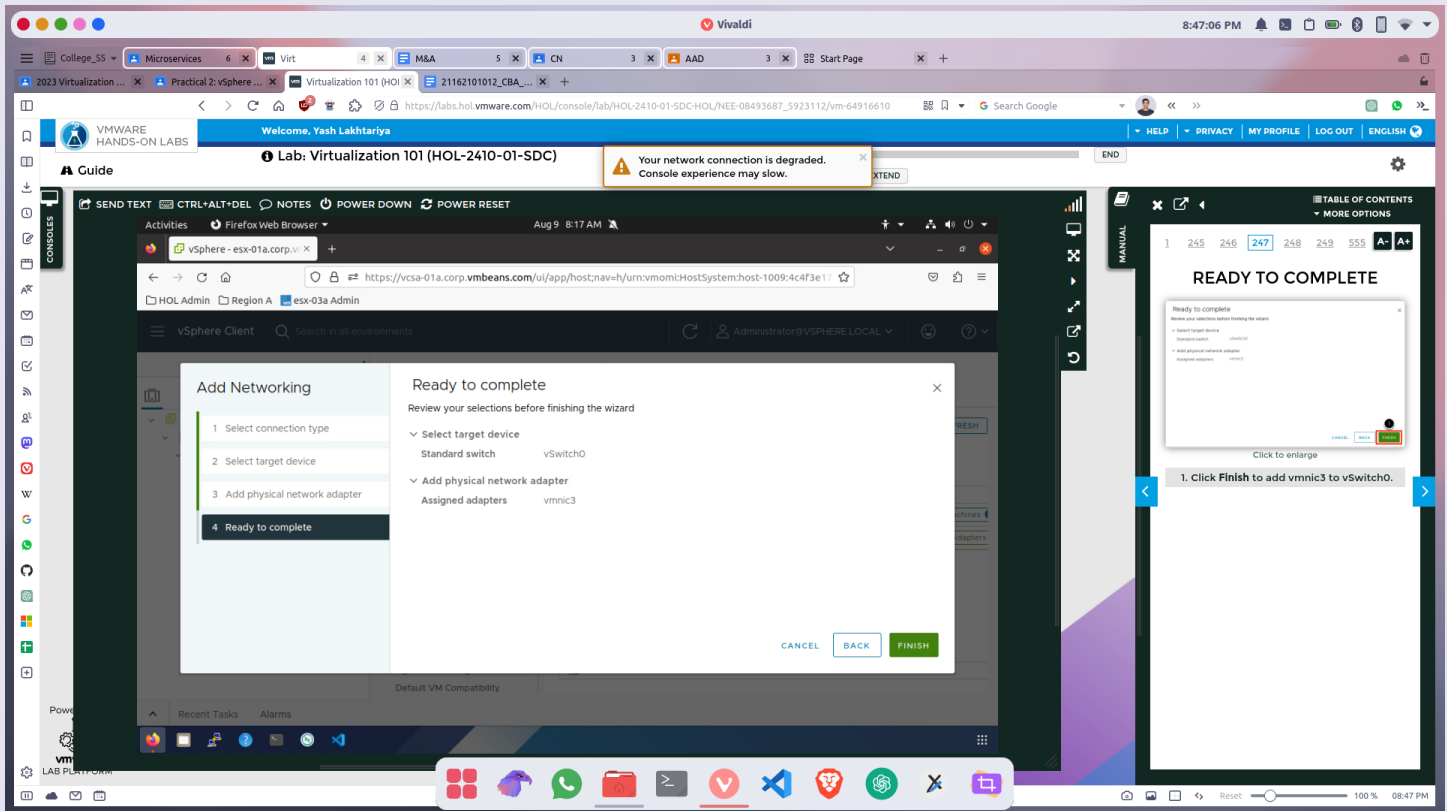
The 'Capacity and Usage' section shows the following data:

Resource	Used	Allocated
CPU	215 MHz	4.19 GHz
Memory	4 GB	8 GB
Storage	20.55 GB	90.53 GB

On the right side, a 'COMPLETE THE WIZARD' dialog box is open, showing a 'Ready to complete' screen. The dialog contains a list of steps and a 'Click to enlarge' button. The bottom of the screen shows a taskbar with various application icons and a system tray with the time '09:00 AM'.

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3. Now, add an adapter to the standard switch vSwitch0, (here vmnic3)



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4. Now, explore the settings (via right clicking the menu button) of physical adapter (vmnic3), added to the standard switch.

The screenshot displays the VMware vSphere Client interface. The main content area shows the configuration of a physical adapter (vmnic3) for a standard switch. The 'Physical Adapters' dialog box is open, showing a table with the following data:

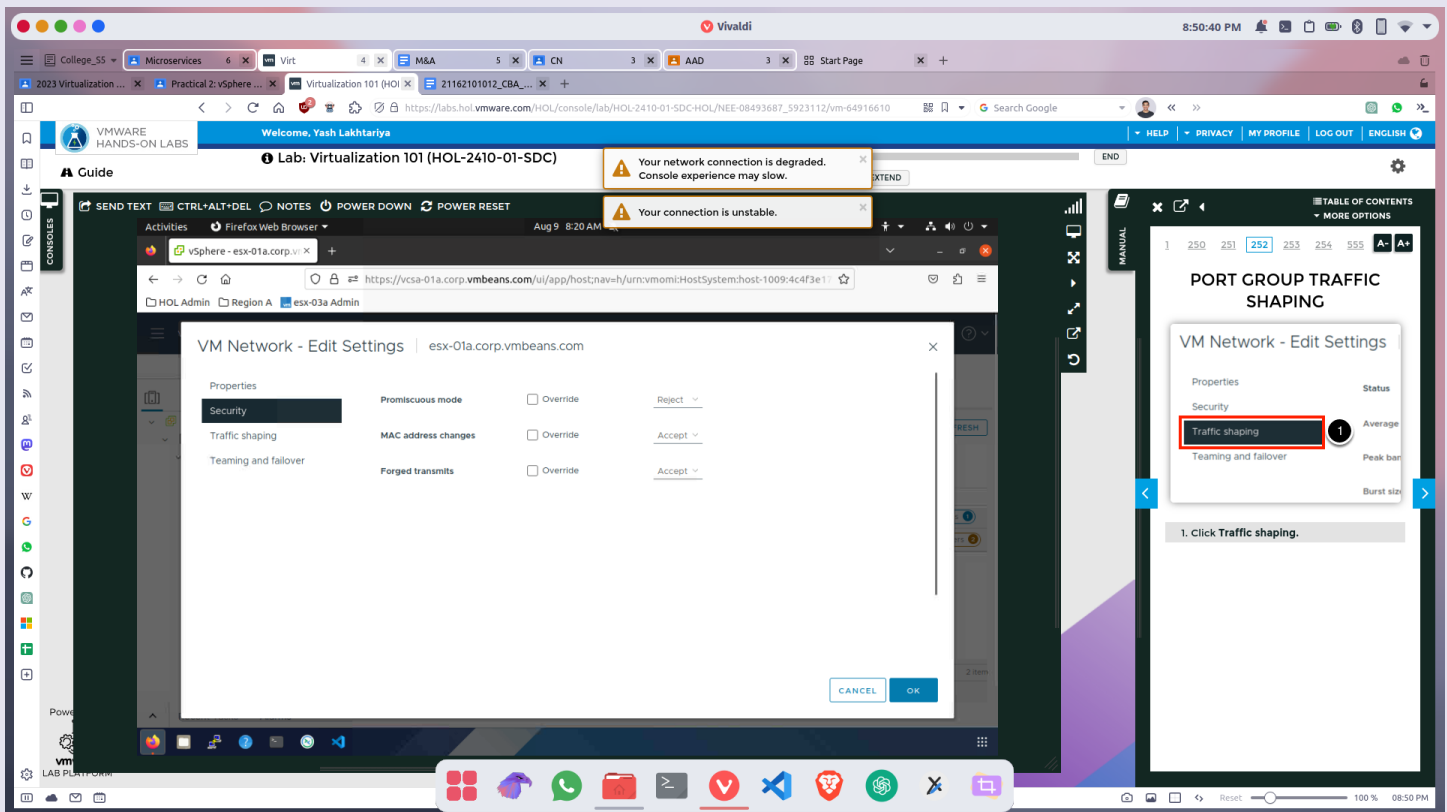
Name	Host	Assigned To
vmnic2		
vmnic3		

The right-hand sidebar contains a 'NEW VMNIC ADDED' notification with the following steps:

1. In the Physical Adapters section, vmnic3 has been added to the switch.
2. Click on the drop-down menu for the VM Network port group.
3. Select Edit Settings.

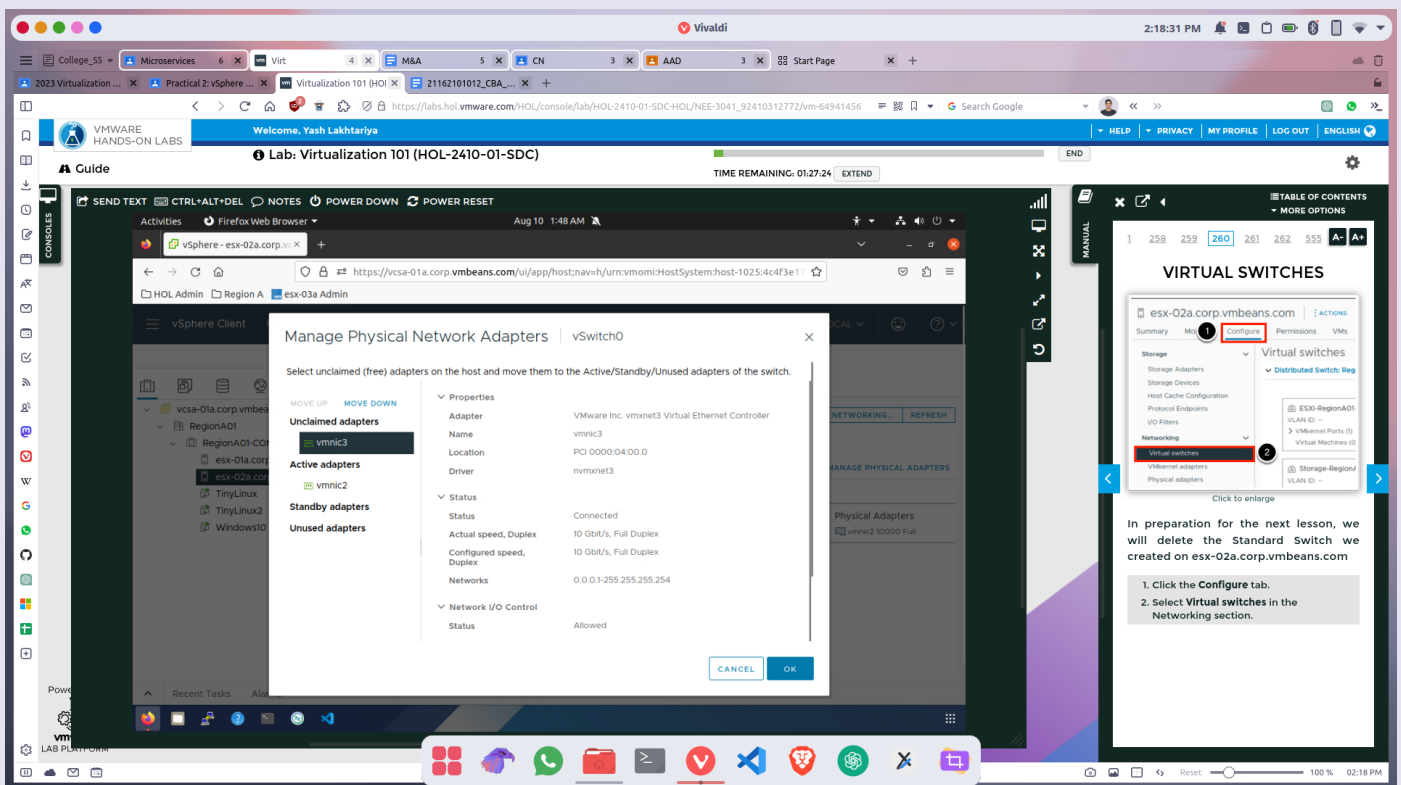
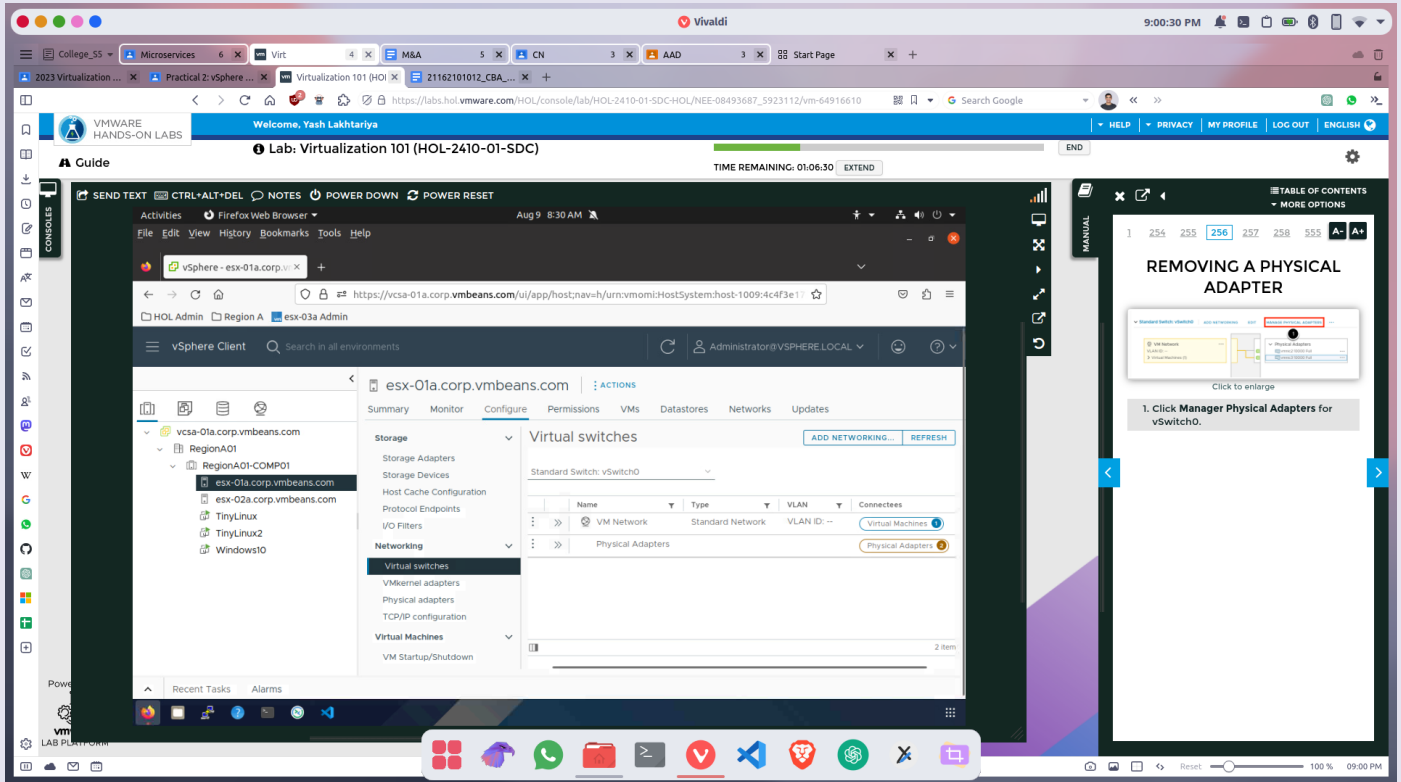
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5. Explore properties, security, traffic settings and teaming and failover settings, but it is recommended not to change these settings manually unless required.



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6. Remove the physical adapter via moving it up in the *unclaimed adapters* section.



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7. Remove the standard switch similarly from the menu options. **Thus, standard switches are observed, added, configured and removed in ESXi via vSphere Client in this experiment. Physical adapters can also be added to a standard switch whenever required.**