

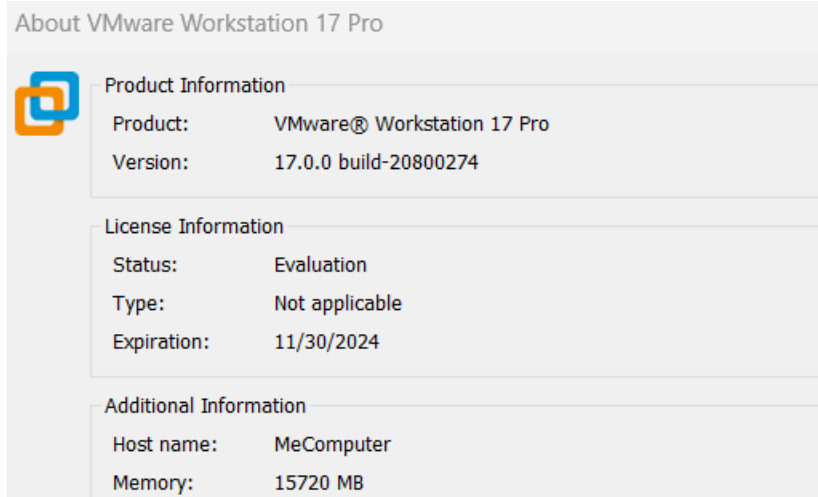
Dillen Dela Cruz

9/18/2022

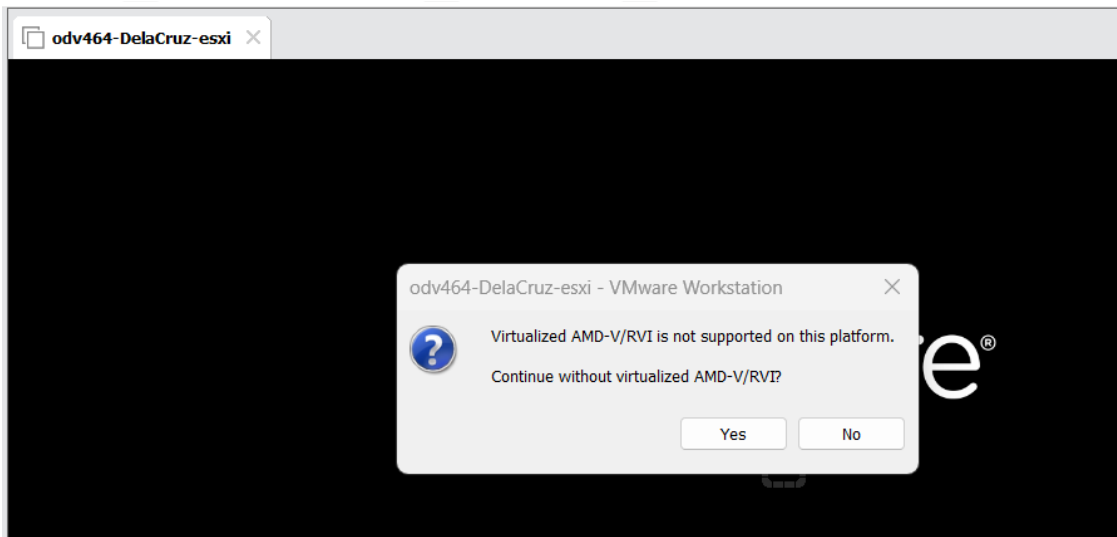
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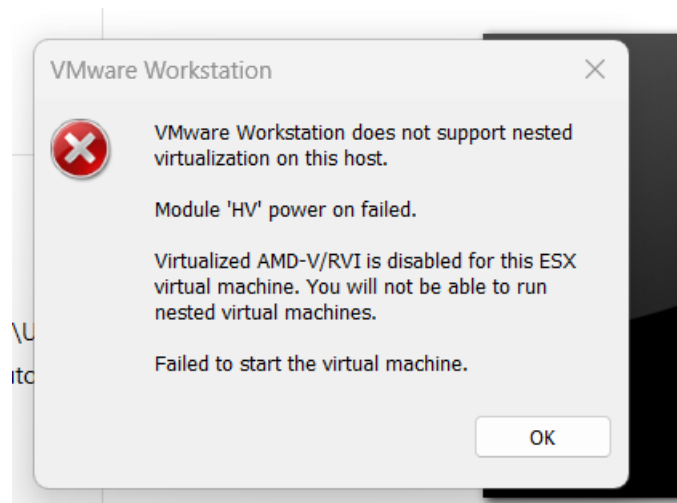
Lab 1

1. Screenshot showing that your VMware Workstation is licensed through the Fall semester



2. Screenshot showing you have installed your ESXi VM

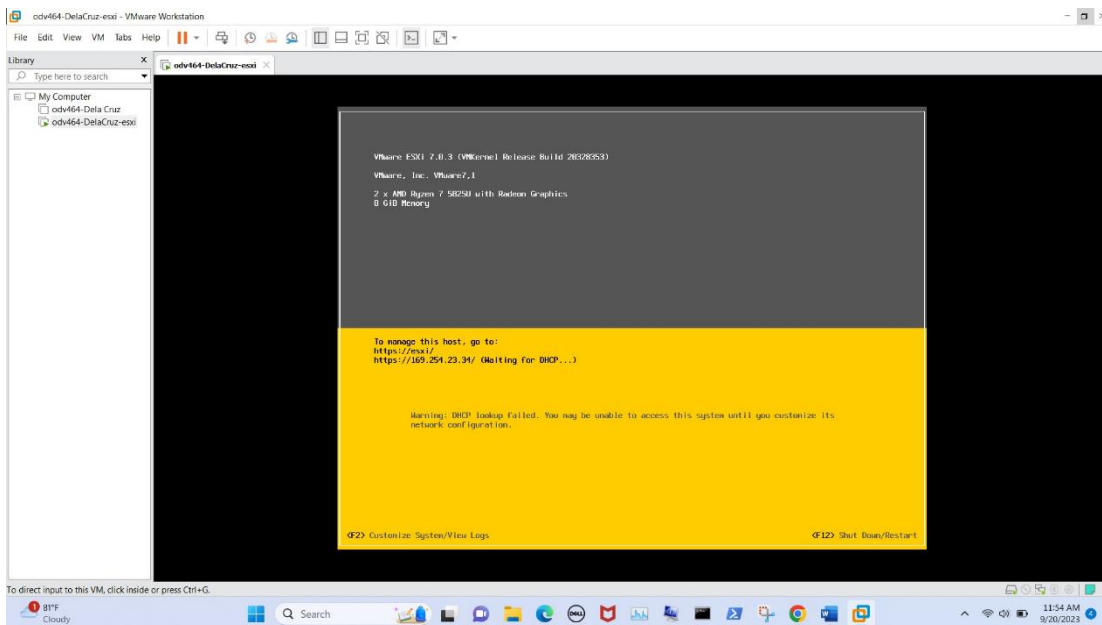




Troubleshooting techniques:

1. windows button plus r
2. "optionalfeatures"
3. unticked "Window Machine Platform", "Windows Hypervisor Platform", and "Windows Subsystem for Linux"

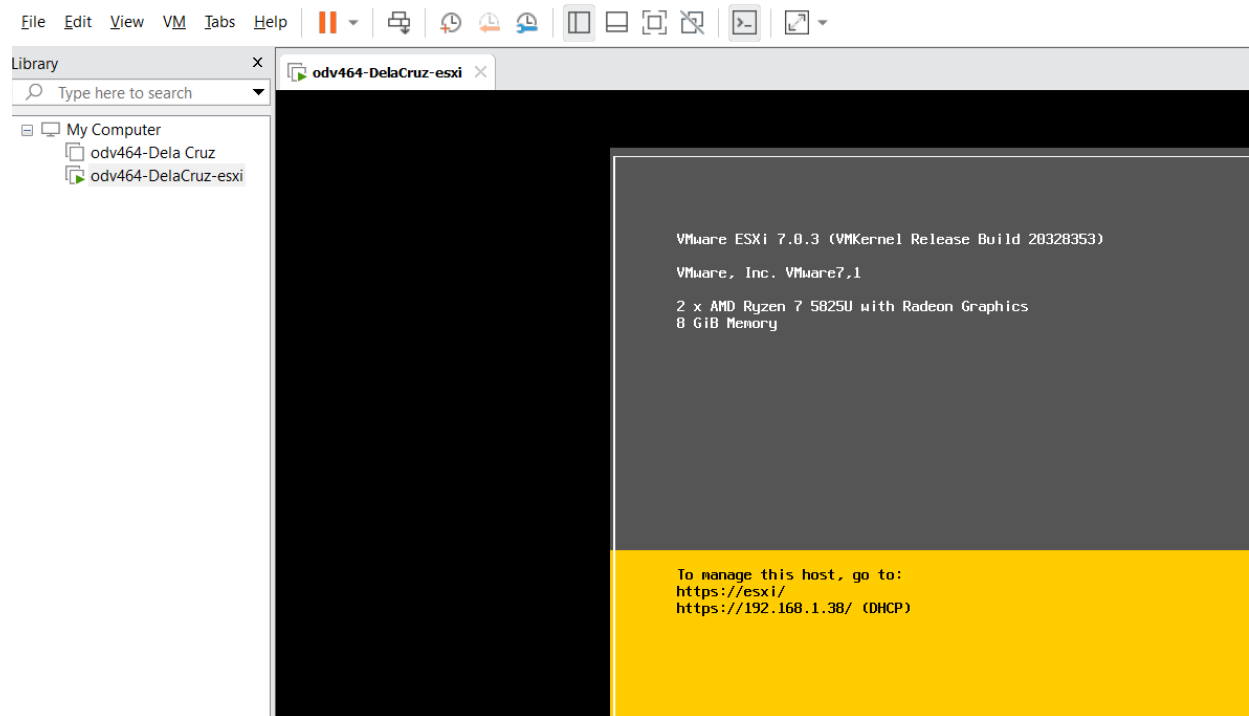
Sources: <https://www.makeuseof.com/how-to-fix-virtualized-amd-vrvi-is-not-supported-on-this-platform-error-on-windows-11/>



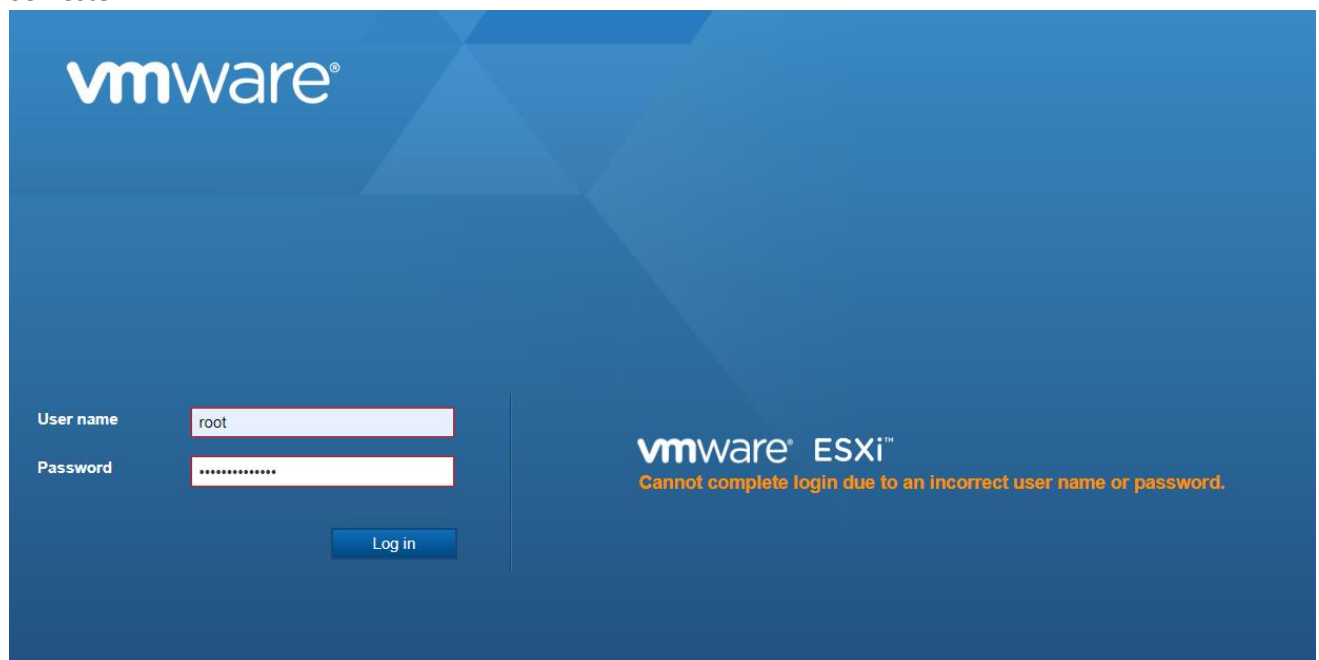
Troubleshooting techniques:

1. If you have VirtualBox on
 - a. On your VMware panel hit "Edit" and then "Virtual Network Editor"
 - b. Press "Change Settings" and then press "yes" when the "User Account Control" screen displays
 - c. Want to press the drop-down menu of "Bridge to:" and choose "Realtek 8821CE Wireless LAN 802.11ac PCI-E NIC"
 - d. Press ok
2. Turn off "Windows Defender Firewall" for both private and public settings

Sources: Professor Anderson, via zoom 9/20/23



3. Screenshot showing you have applied the ESXi license and it is licensed through the Fall Semester

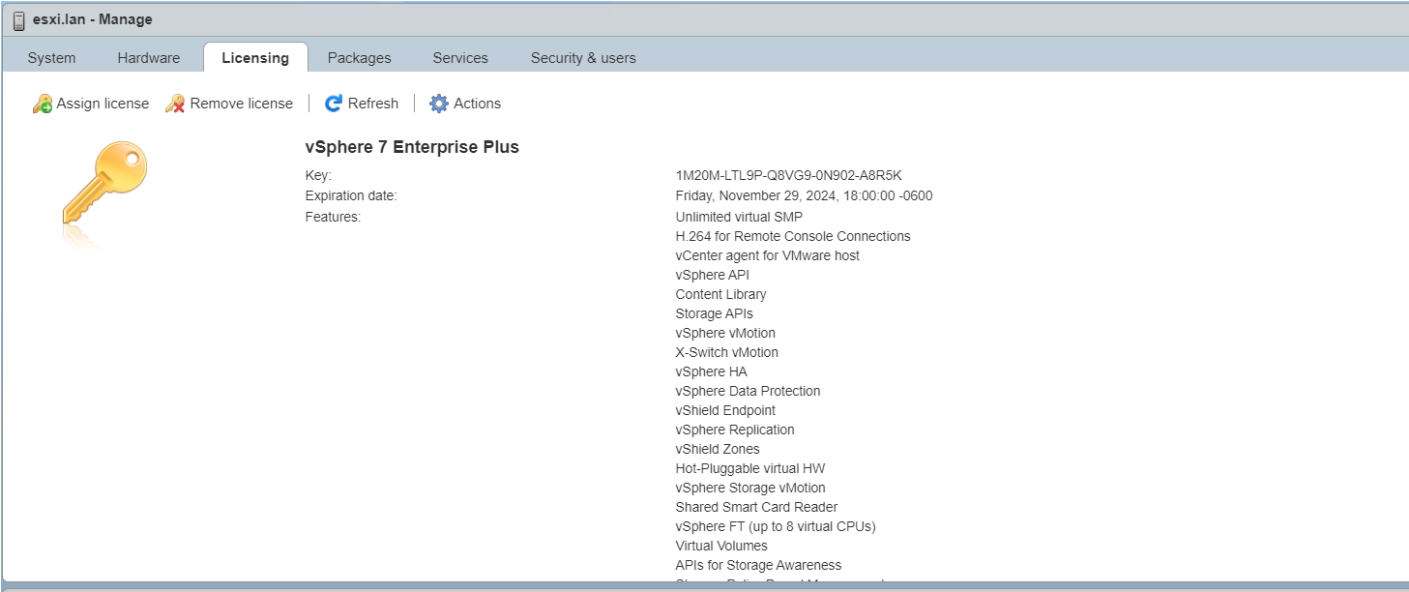


Troubleshooting techniques:

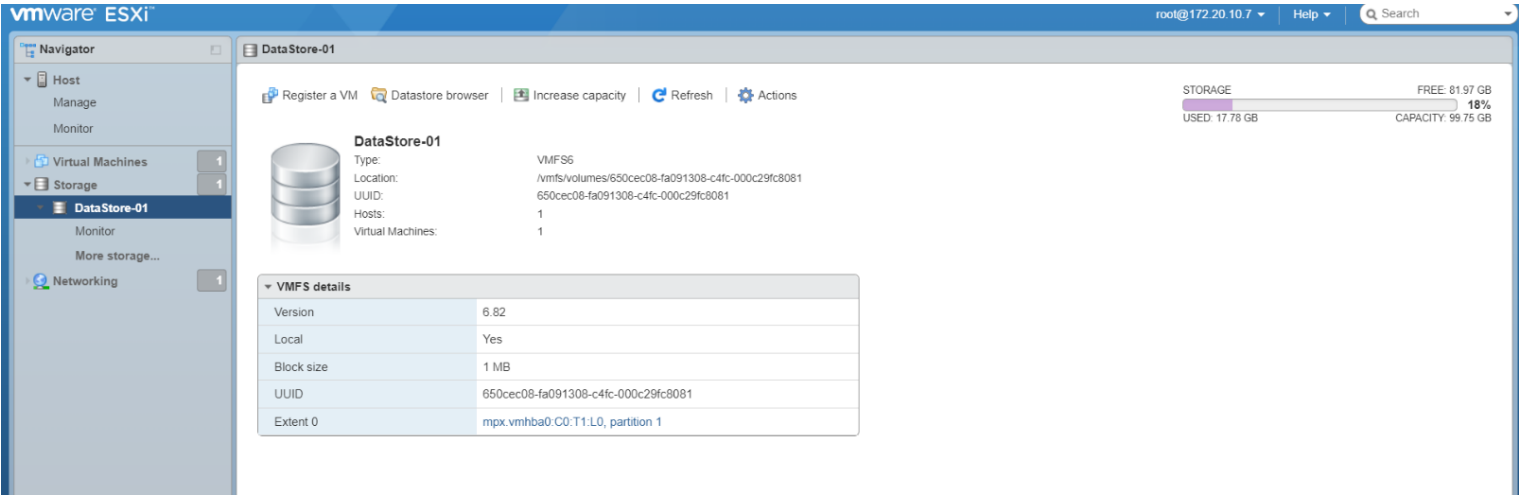
1. If you get this prompt even though you can sign up fine in esxi console
 - a. The reason it gives you this is due to the fact that your password may not follow the right password requirements. You may need to configure another password that follows these criteria: <https://docs.vmware.com/en/VMware->

[vSphere/7.0/com.vmware.esxi.install.doc/GUID-DC96FFDB-F5F2-43EC-8C73-05ACDAE6BE43.html](https://www.vmware.com/esxi.install.doc/GUID-DC96FFDB-F5F2-43EC-8C73-05ACDAE6BE43.html)

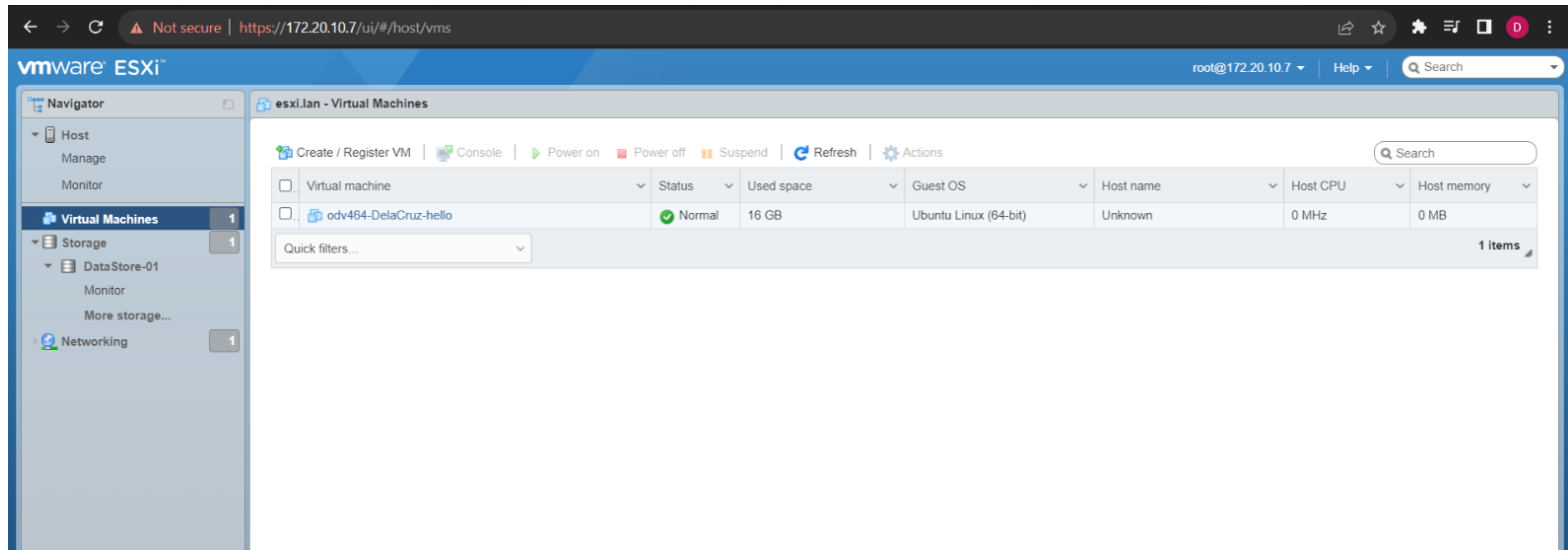
Sources: A lot of trial and error and this seemed to fix my problem



4. Screenshot showing you have configured the storage in your ESXi VM



5. Screenshot showing you created a VM inside of ESXi



6. Screenshot showing lab steps completed correctly

The screenshot displays three windows related to a VMware lab setup:

- VMware Workstation:** Shows the 'odv464-DelaCruz-esxi' virtual machine. The VMX file path is `odv464-DelaCruz-esxi.vmx`. The VMX file content is:

```
VMware ESXi 7.0.3 (VMKernel Release Build 20328353)
VMware, Inc. VMware7,1
2 x AMD Ryzen 7 5825U with Radeon Graphics
8 GiB Memory
```
- ESXi Host Interface:** Shows the 'Virtual Machines' table in the ESXi host interface. The table has columns: Virtual machine, S..., Used spa..., Guest OS, Host name, Host ..., and Host The table contains one item: 'odv464-DelaCruz-hello' with a status of 'Running' and a size of 16 GB.
- Windows PowerShell:** Shows the output of the `netsh.exe interface ip show addresses` command. The output displays the configuration for several network interfaces, including Ethernet, Local Area Connection, Local Area Connection*, and VMware Network Adapter VMnet1.

The PowerShell output is as follows:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\dille> date

Thursday, September 21, 2023 8:31:55 PM

PS C:\Users\dille> netsh.exe interface ip show addresses

Configuration for interface "Ethernet"
DHCP enabled: No
IP Address: 192.168.56.1
Subnet Prefix: 192.168.56.0/24 (mask 255.255.255.0)
InterfaceMetric: 25

Configuration for interface "Local Area Connection"
DHCP enabled: Yes
InterfaceMetric: 25

Configuration for interface "Local Area Connection*"
DHCP enabled: Yes
InterfaceMetric: 25

Configuration for interface "Local Area Connection* 2"
DHCP enabled: Yes
InterfaceMetric: 25

Configuration for interface "VMware Network Adapter VMnet1"
DHCP enabled: No
IP Address: 192.168.136.1
Subnet Prefix: 192.168.136.0/24 (mask 255.255.255.0)
InterfaceMetric: 35

Configuration for interface "VMware Network Adapter VMnet8"
DHCP enabled: No
IP Address: 192.168.81.1
Subnet Prefix: 192.168.81.0/24 (mask 255.255.255.0)
InterfaceMetric: 35

Configuration for interface "Wi-Fi"
DHCP enabled: Yes
IP Address: 172.20.10.4
Subnet Prefix: 172.20.10.0/28 (mask 255.255.255.240)
Default Gateway: 172.20.10.1
Gateway Metric: 0
InterfaceMetric: 35
```