This Virtual Machine will be running off VMWare so please be sure to download

VMWare beforehand.

1) Visit: SCSU SharePoint and download the Palo Alto .ova file
   a. Raw Link:

   https://mnscu-
   my.sharepoint.com/personal/cw3554fl_minnstate_edu/_layouts/15/onedrive.aspx?id=
   %2Fpersonal%2Fcw3554fl%5Fminnstate%5Fedu%2FDocuments%2FPaloAlto%2FOS8%2
   FPAN8%5F210%5FMaster%5FFW%2Eova&parent=%2Fpersonal%2Fcw3554fl%5Fminnst
   ate%5Fedu%2FDocuments%2FPaloAlto%2FOS8&ga=1
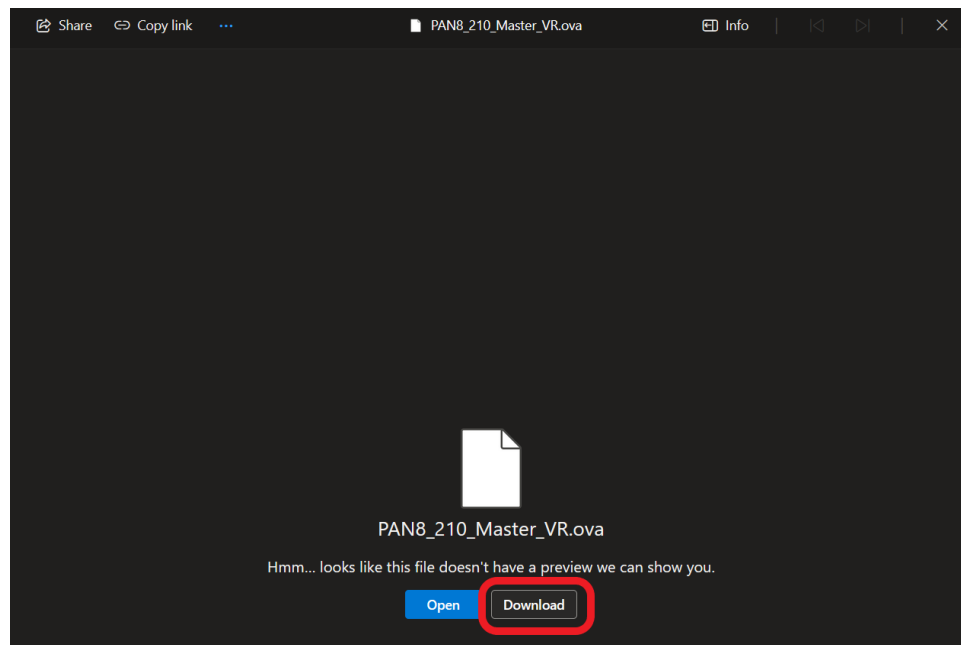
2) While the OVA file downloads open your command prompt and type in **"ipconfig"** and save your "IPv4 Address" and "Default Gateway"

3) Once the OVA is finished downloading open VMware, then click on "Open a Virtual Machine" and browse for the recently downloaded OVA file and open it.

Welcome to VMware Workstation 17 Player

Create a New Virtual Machine
Create a new virtual machine, which will then be added to the top of your library.

Open a Virtual Machine
Open an existing virtual machine, which will then be added to the top of your library.
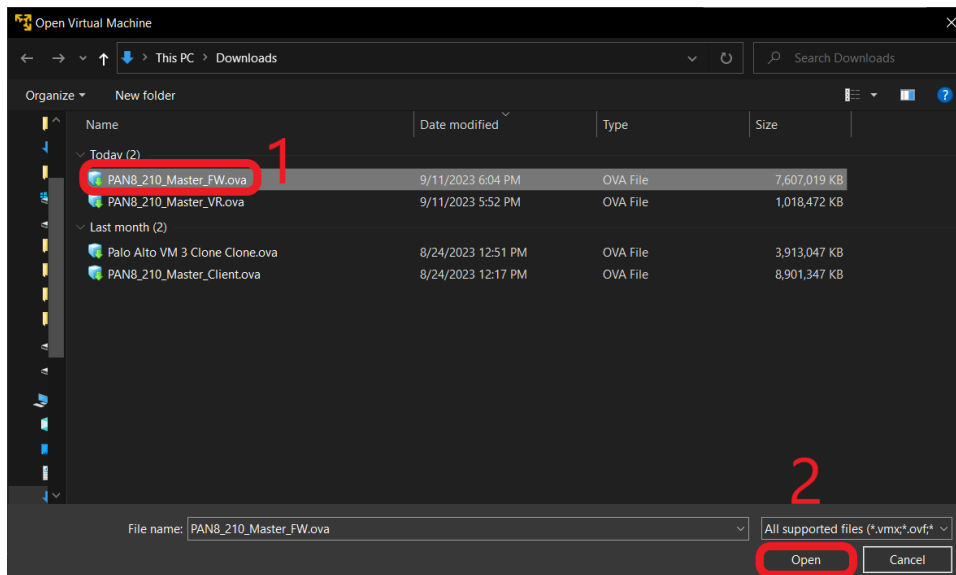
Upgrade to VMware Workstation Pro
Get advanced features such as snapshots, virtual network management, and more.

Help
View online help.

Open Virtual Machine

This PC > Downloads

Organize ▾   New folder

Name	Date modified	Type	Size
Today (2)			
PAN8_210_Master_FW.ova	9/11/2023 6:04 PM	OVA File	7,607,019 KB
PAN8_210_Master_VR.ova	9/11/2023 5:52 PM	OVA File	1,018,472 KB
Last month (2)			
Palo Alto VM 3 Clone Clone.ova	8/24/2023 12:51 PM	OVA File	3,913,047 KB
PAN8_210_Master_Client.ova	8/24/2023 12:17 PM	OVA File	8,901,347 KB

File name: PAN8_210_Master_FW.ova

All supported files (*.vmx;*.ovf;*

Open   Cancel

Import Virtual Machine ✕

Store the new Virtual Machine

Provide a name and local storage path for the new virtual machine.

Name for the new virtual machine:

PAVM **1**

Storage path for the new virtual machine:
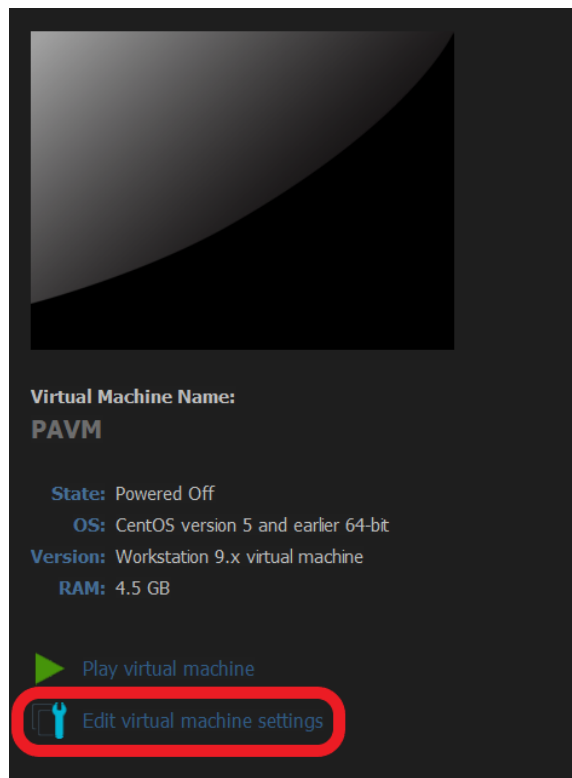
E:\(LD3) VMware VMs\PAVM\PAVM EXAMPLE   Browse...

2

Help   Import   Cancel

4) Once it is finished importing select "Edit virtual machine settings" and remove "Network Adapter" 2-6

Virtual Machine Name:
PAVM

State: Powered Off
OS: CentOS version 5 and earlier 64-bit
Version: Workstation 9.x virtual machine
RAM: 4.5 GB

▶ Play virtual machine

🔧 Edit virtual machine settings

Virtual Machine Settings

Hardware | Options

Device	Summary
Memory	4.5 GB
Processors	2
Hard Disk (SCSI)	60 GB
CD/DVD (IDE)	Using unknown backend
Network Adapter	Bridged (Automatic)
Network Adapter 2	Bridged (Automatic)
Network Adapter 3	Bridged (Automatic)
Network Adapter 4	Bridged (Automatic)
Network Adapter 5	Bridged (Automatic)
Network Adapter 6	Bridged (Automatic)
Display	Auto detect

Device status
- [ ] Connected
- [x] Connect at power on

Network connection
- (●) Bridged: Connected directly to the physical network
  - [ ] Replicate physical network connection state
  - Configure Adapters
- ( ) NAT: Used to share the host's IP address
- ( ) Host-only: A private network shared with the host
- ( ) Custom: Specific virtual network
  - VMnet0
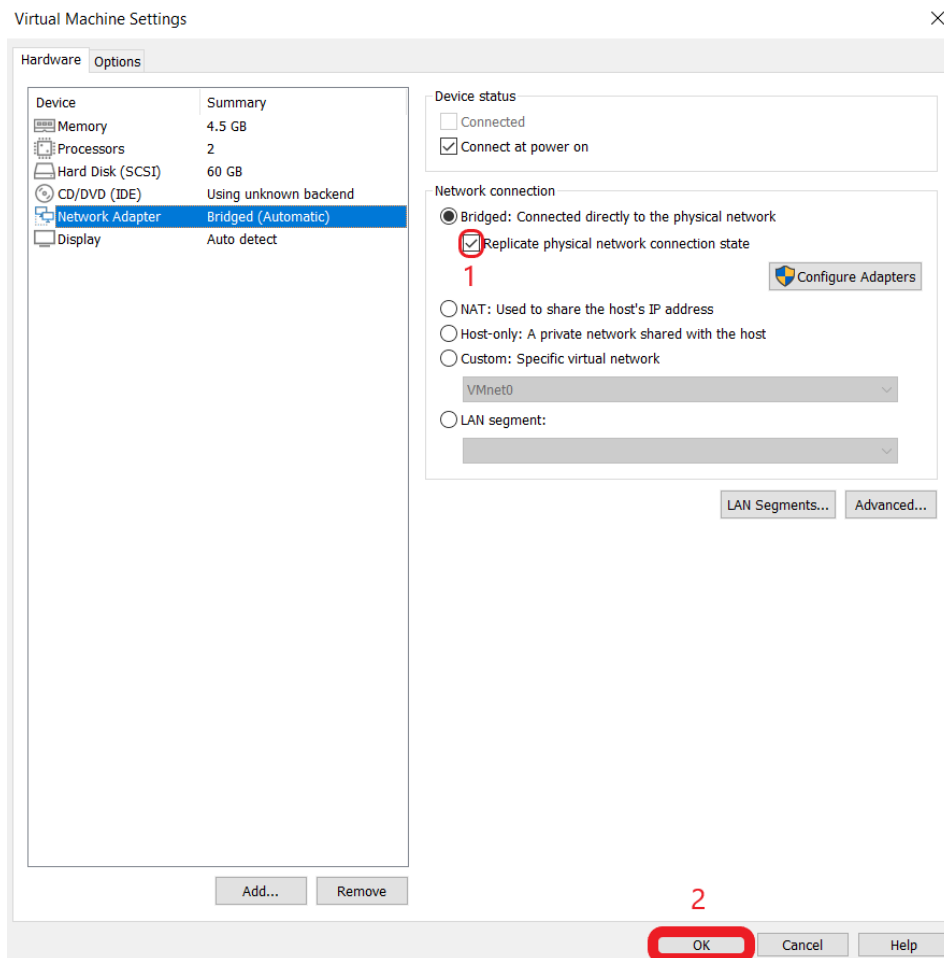- ( ) LAN segment:

LAN Segments...   Advanced...

Add...   Remove

OK   Cancel   Help

5) Then check "Replace physical network connection state" and then press "ok"

6) Start the VM and login with admin, admin

7) Type the command **"Configure"** to enter configuration mode on the VM
8) Then type **"set deviceconfig system type static"** to keep a static ip of the VM

9) Then type **"set deviceconfig system ip-address <u>YOURPRIVATEIP</u> netmask 255.255.255.0 default-gateway <u>YOURLOCALROUTER</u>"**
   a. NOTE: YOURPRIVATEIP will be like your hosts IP but enumerated in the last octet. It can be any number between 2 and 254. EX: 192.168.50.XXX. You can run a ping command to make sure no device has been assigned the said IP.
   b. To learn more about IP, Subnetting and DHCP check out the networking section of the GitHub!
10) Finally type **"commit"** so save changes.
   a. Note: Wait till the commit job is finished before continuing
11) Now your Palo Alto Firewall VM is set! Feel free to use the CLI within VMware or boot your favorite browser. And type in http:// YOURPRIVATEIP and use the GUI!