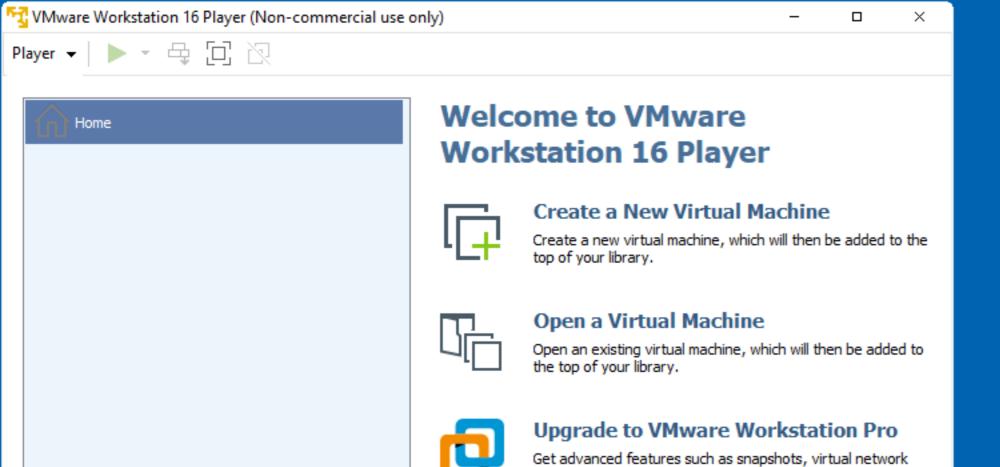
Internal VM Network and Router Build The presentation builds a pfsense router and creates and internal network. The presentation does not show the configuration of NAT/PAT. Preuss 10/16/2022





Help

View online help.

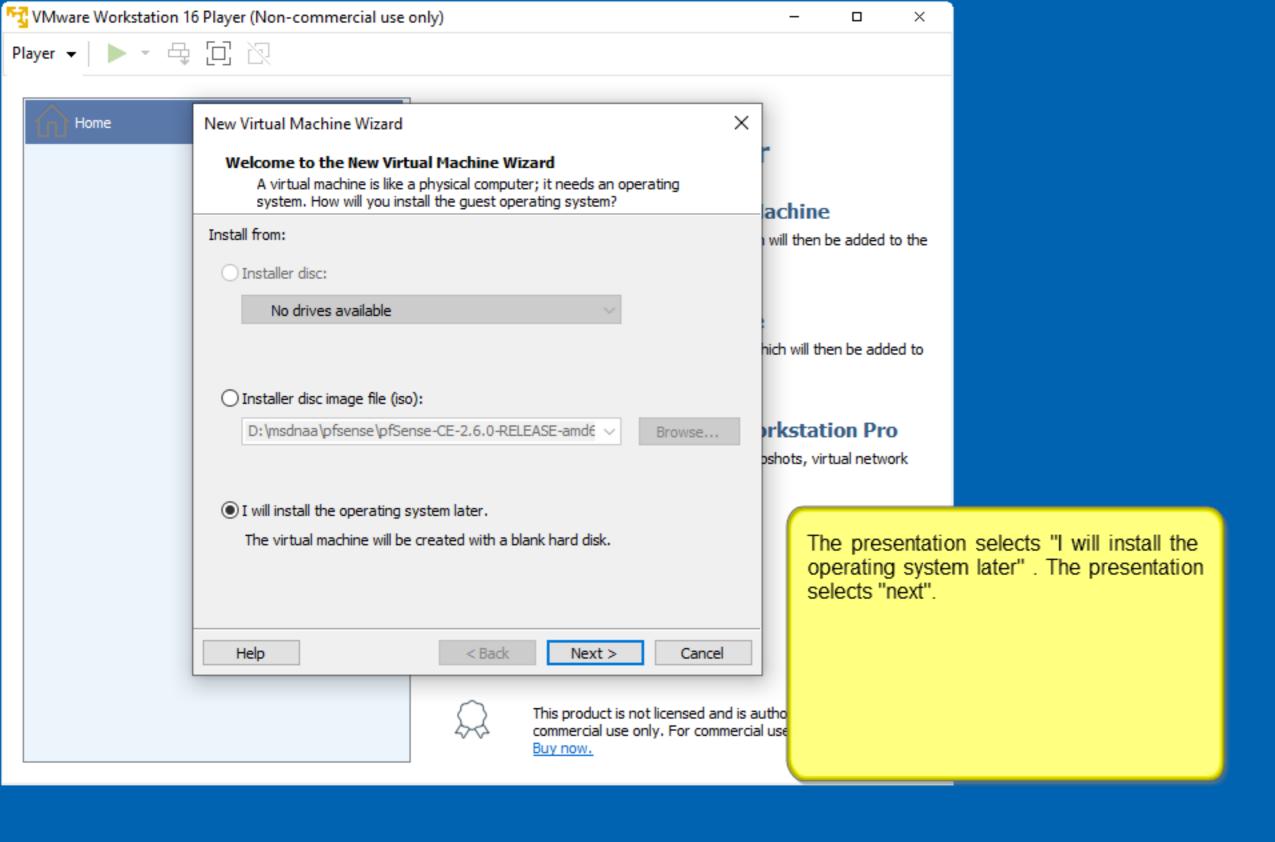
management, and more.

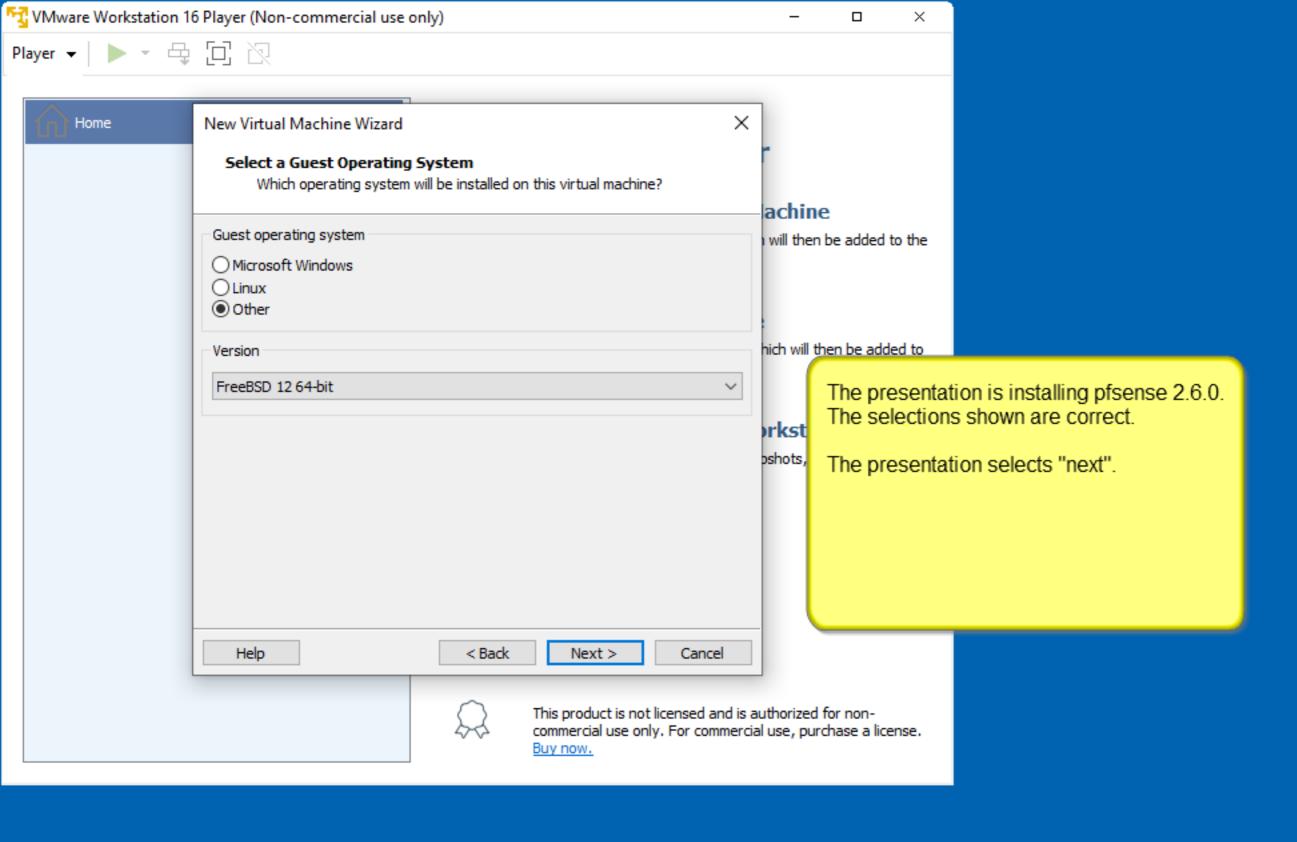


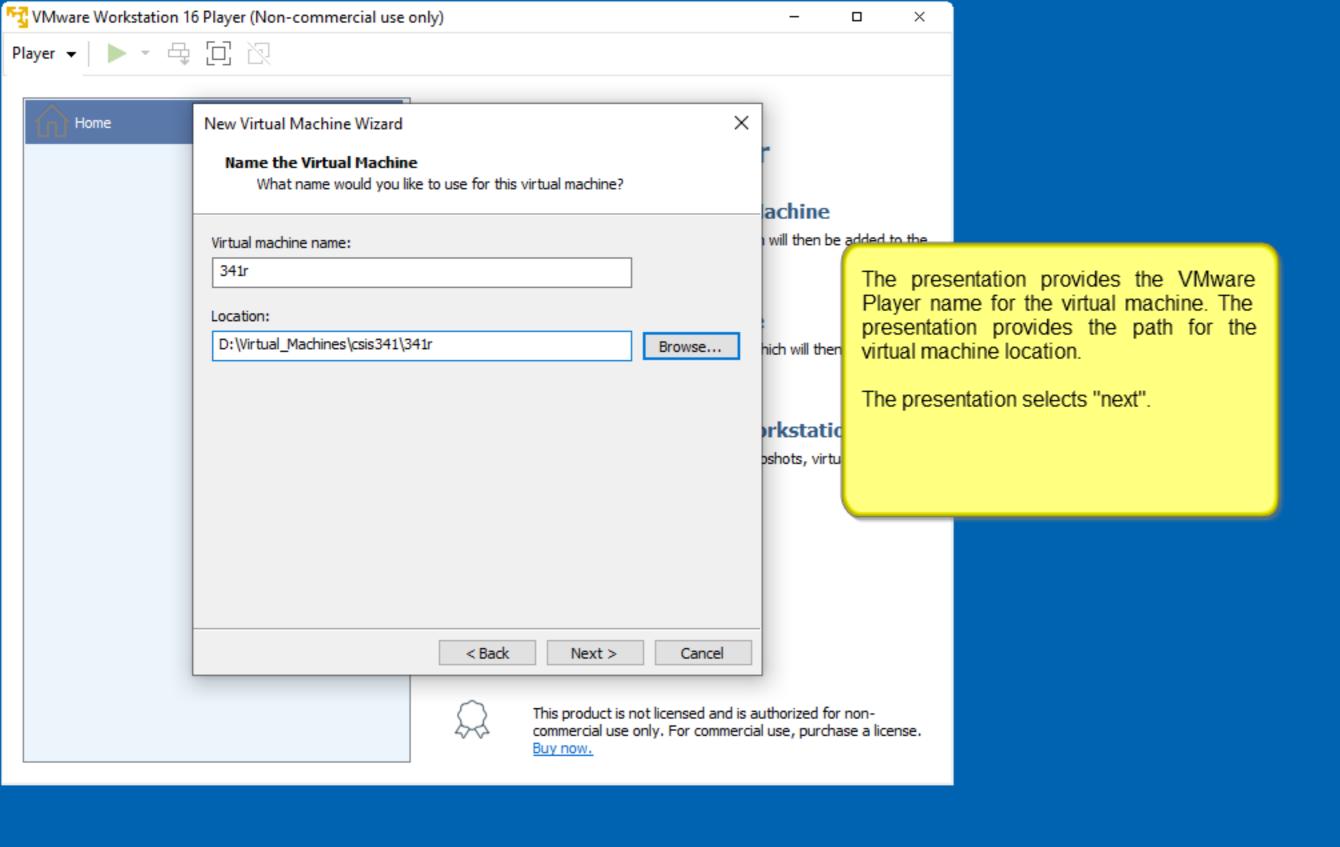
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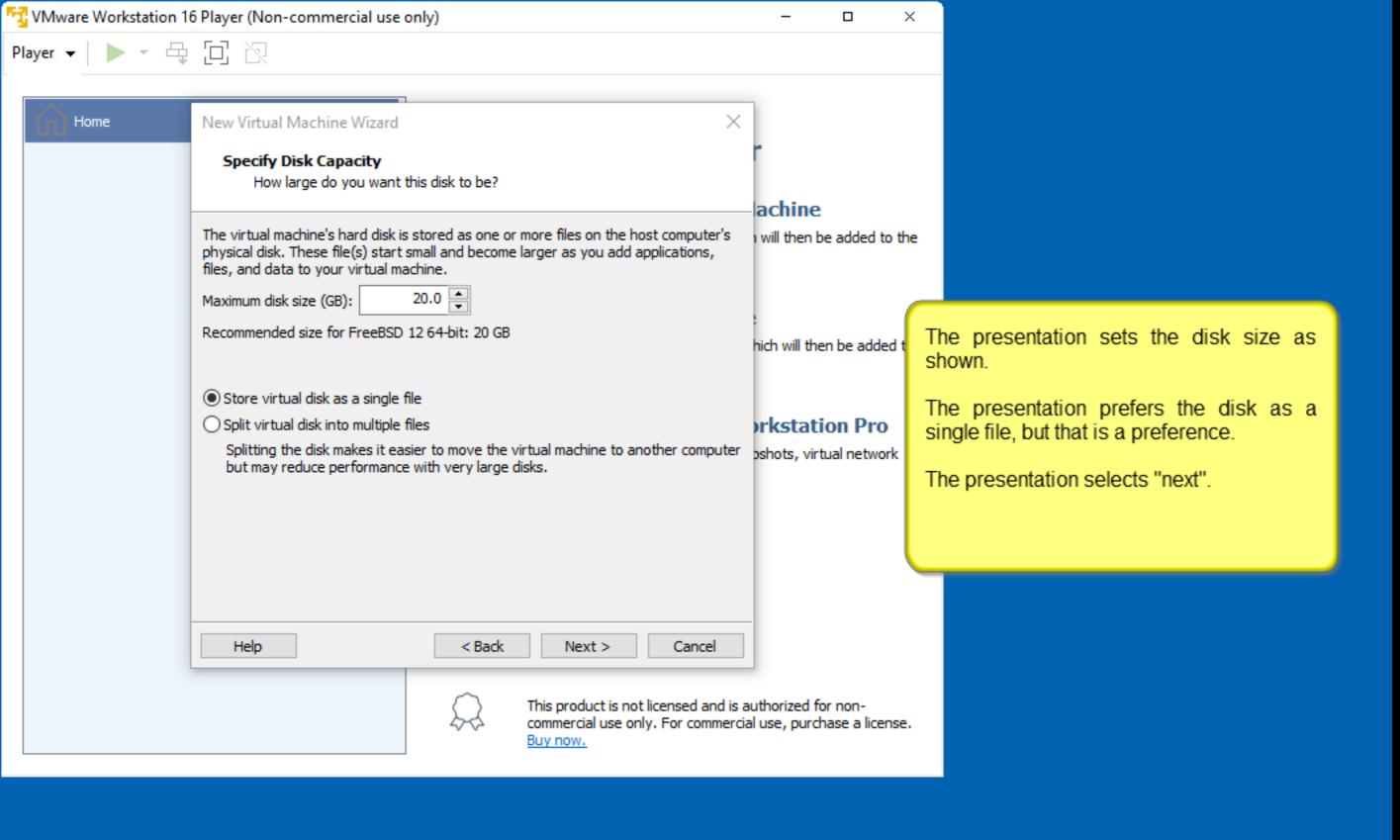
The presentation launches VMware Player. The presentation selects "Create a New Virtual Machine".

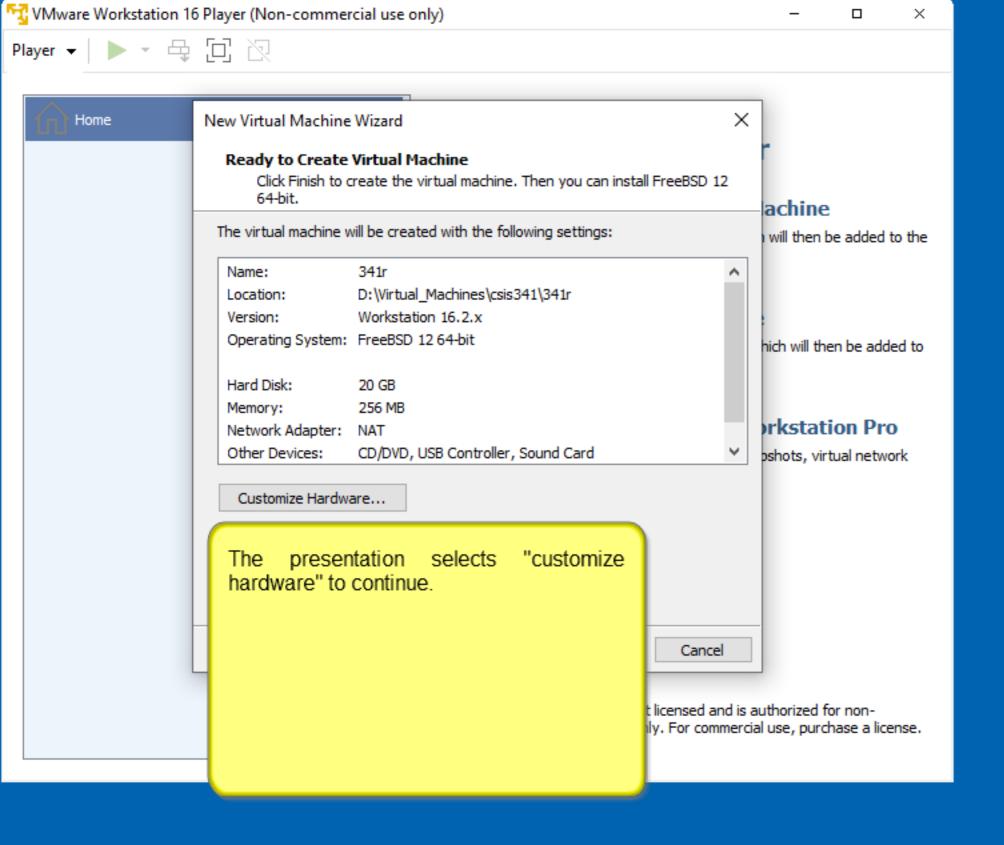


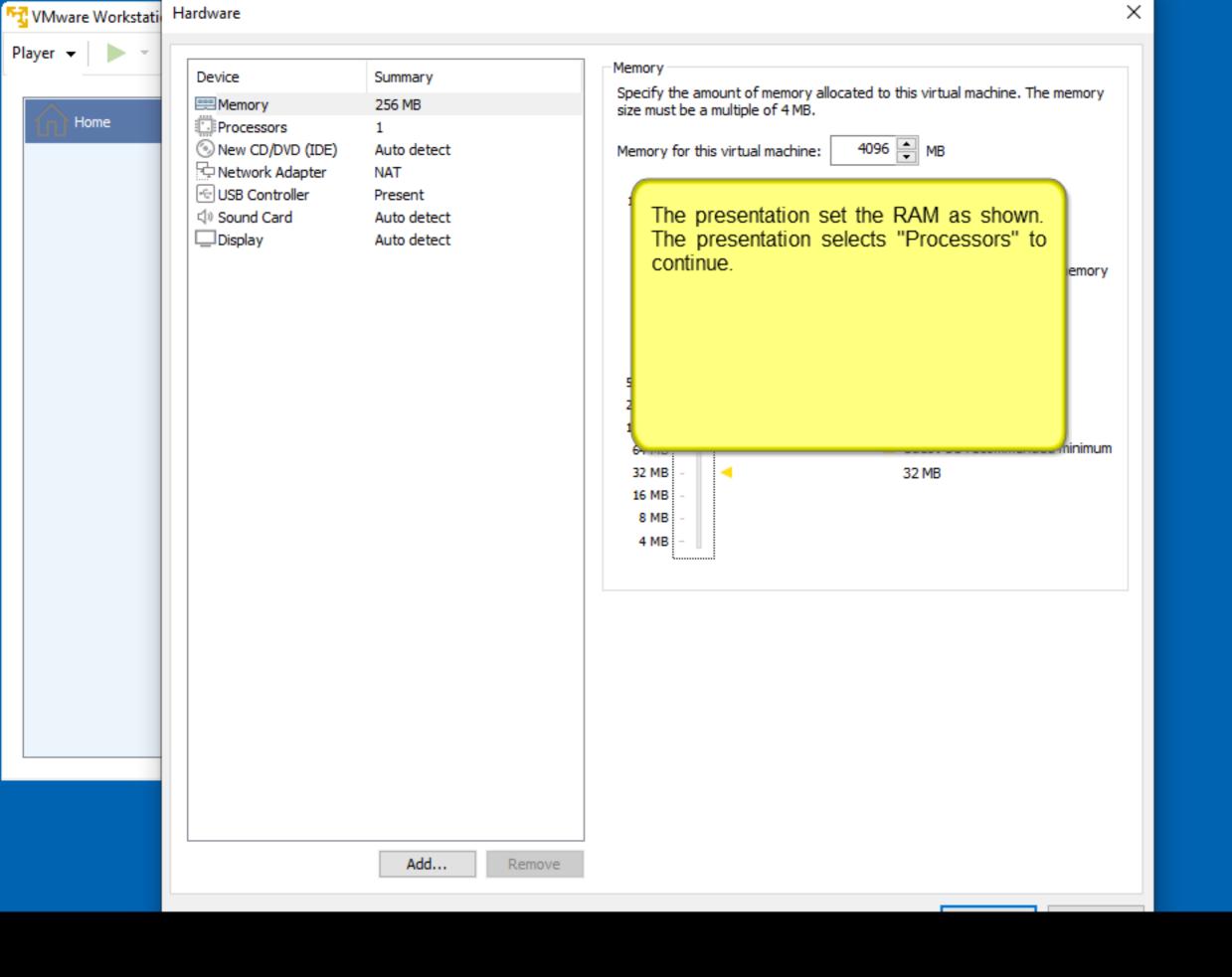


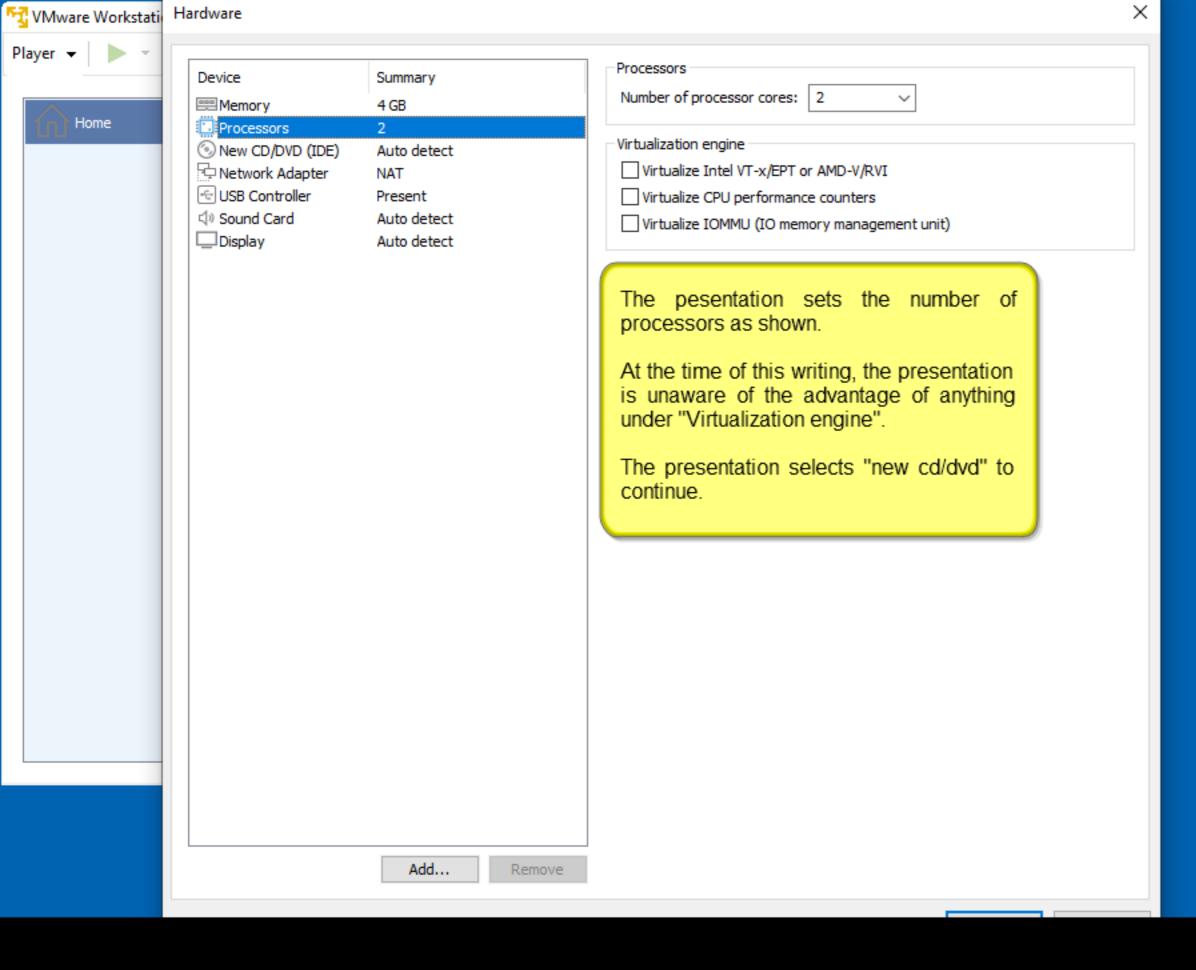




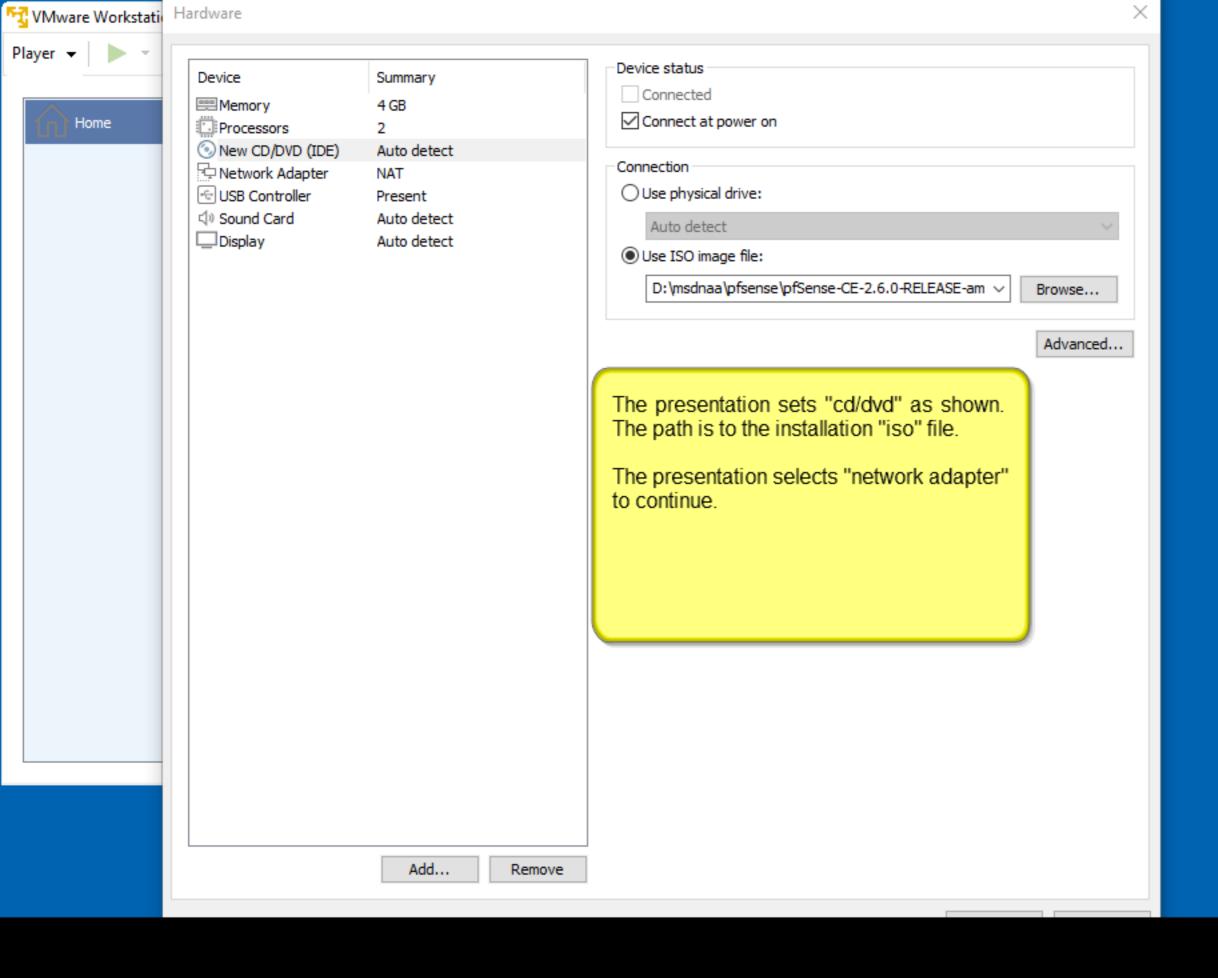


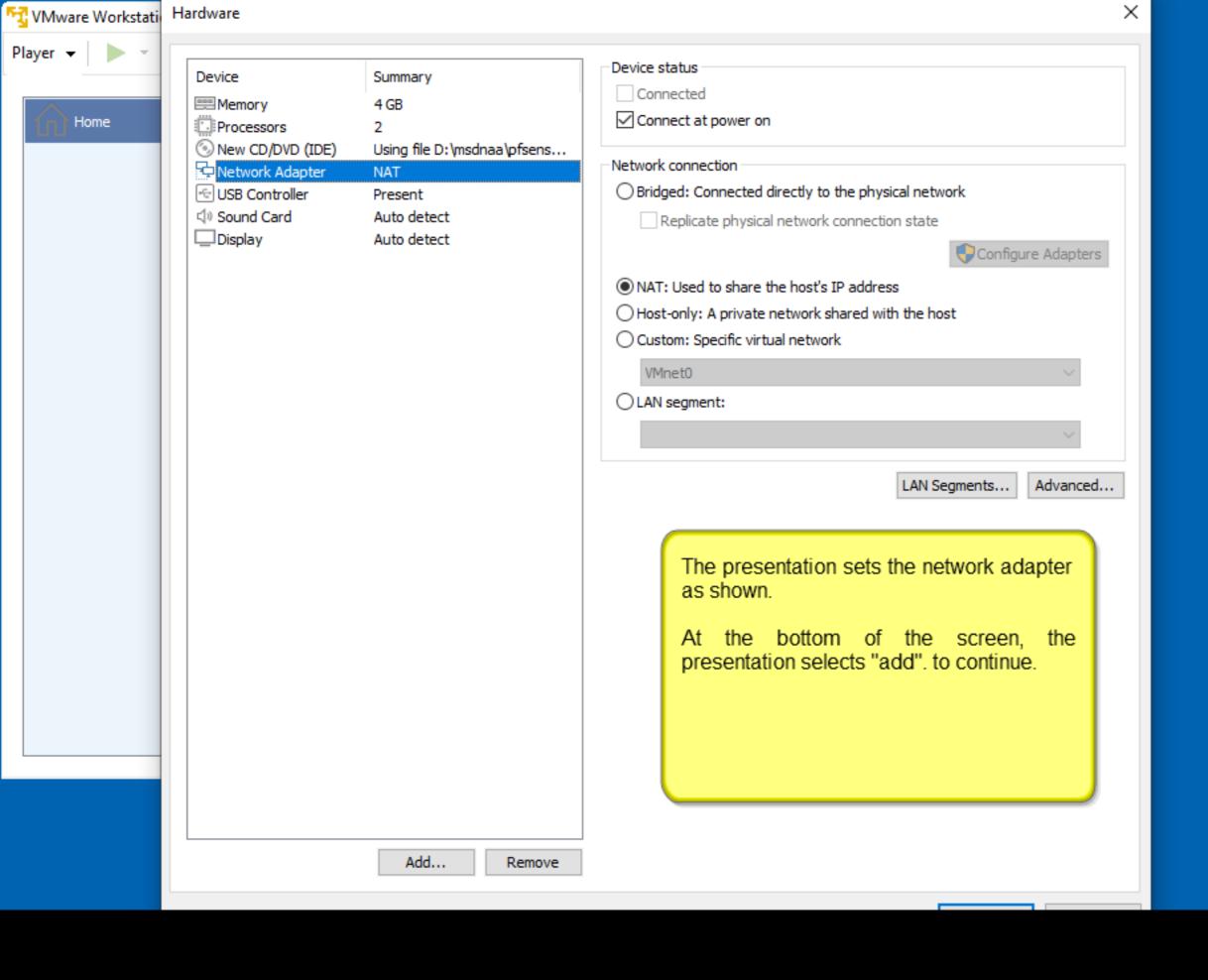


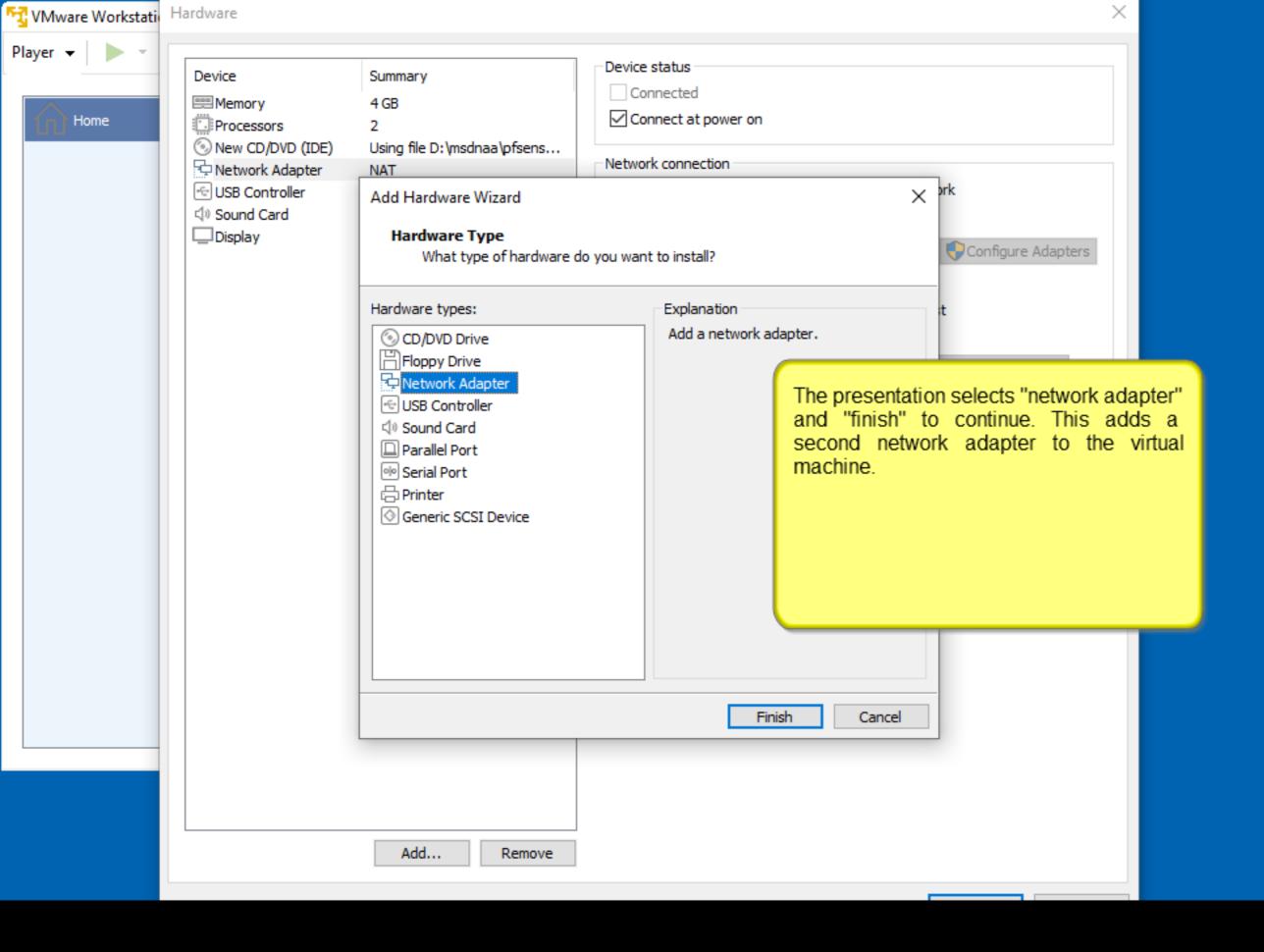


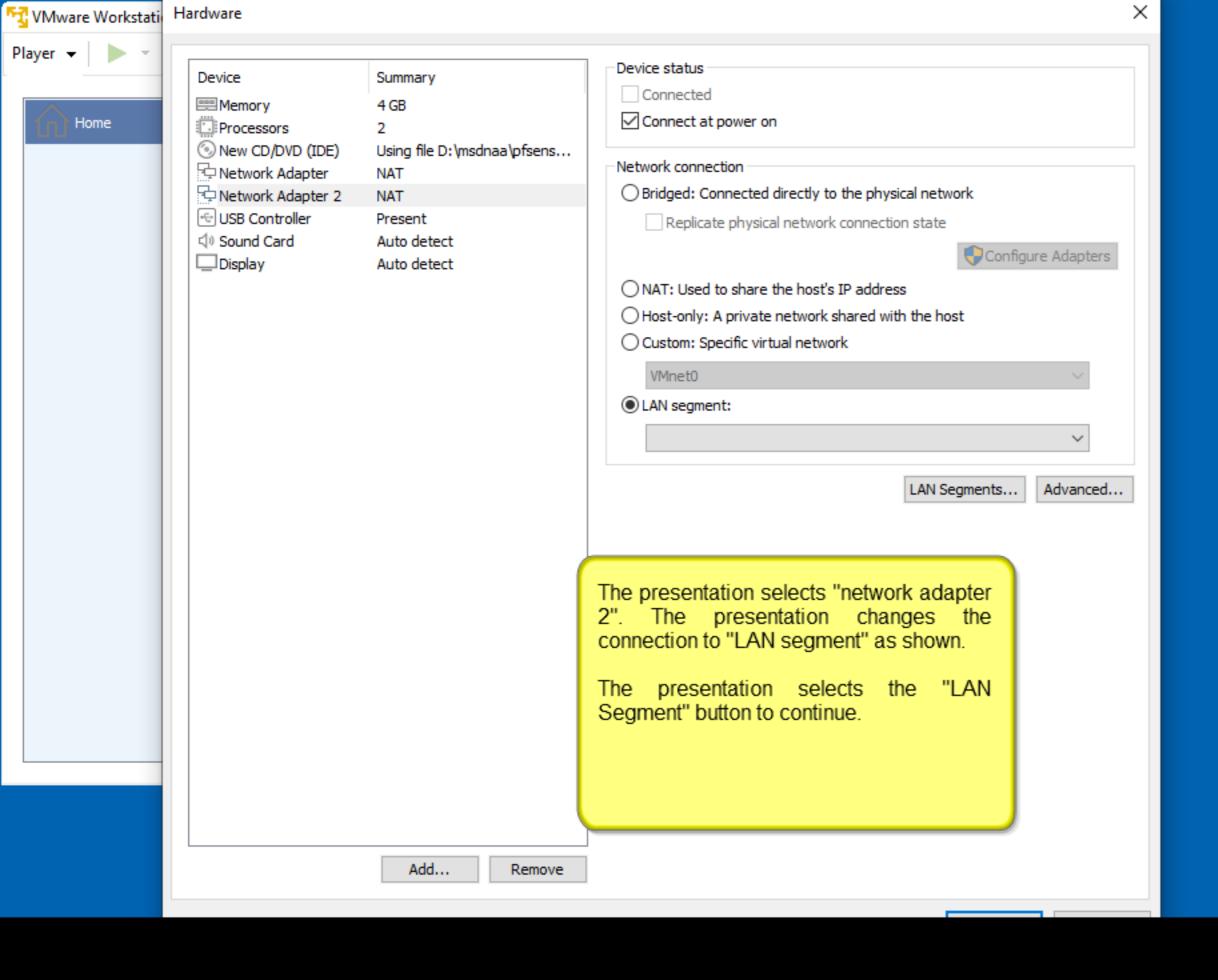


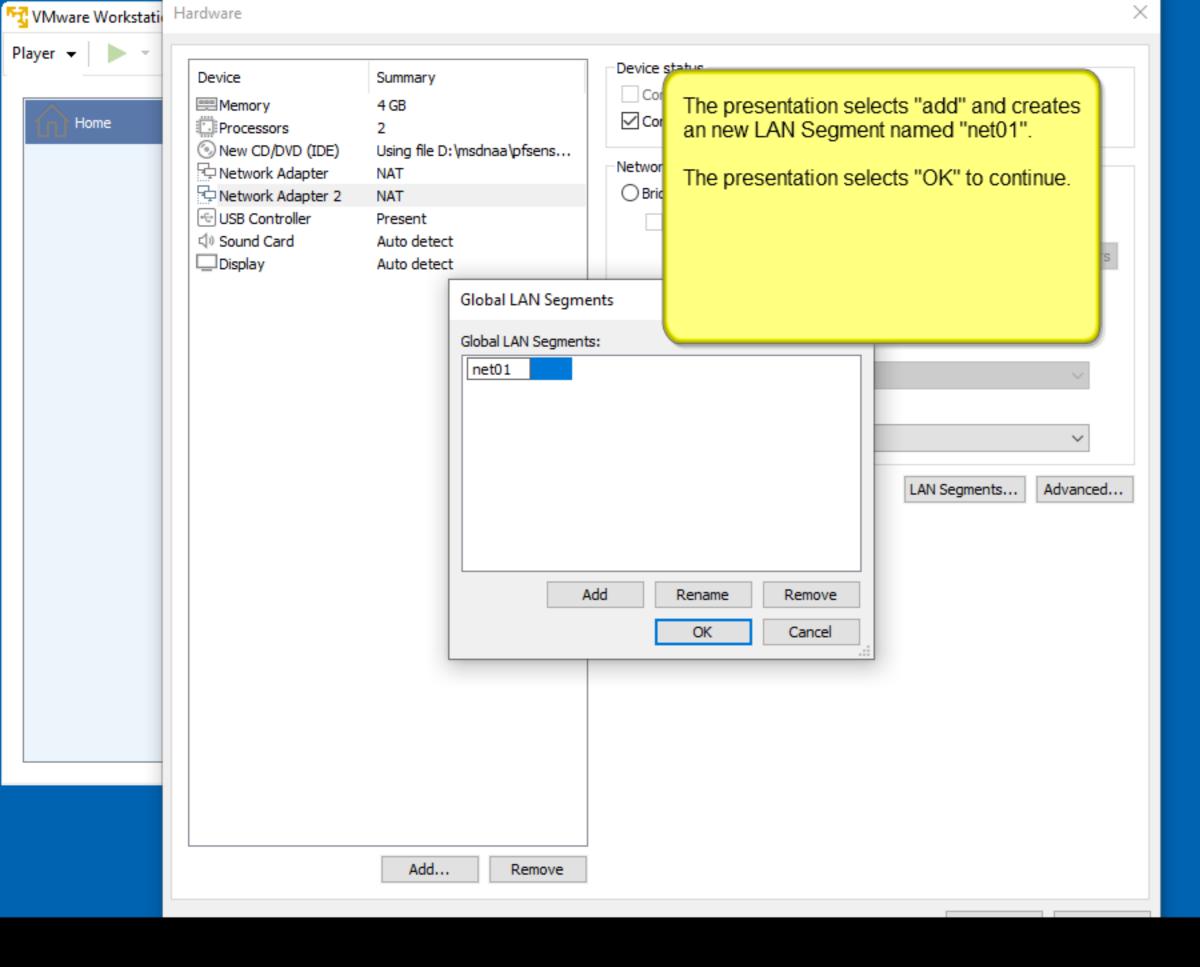


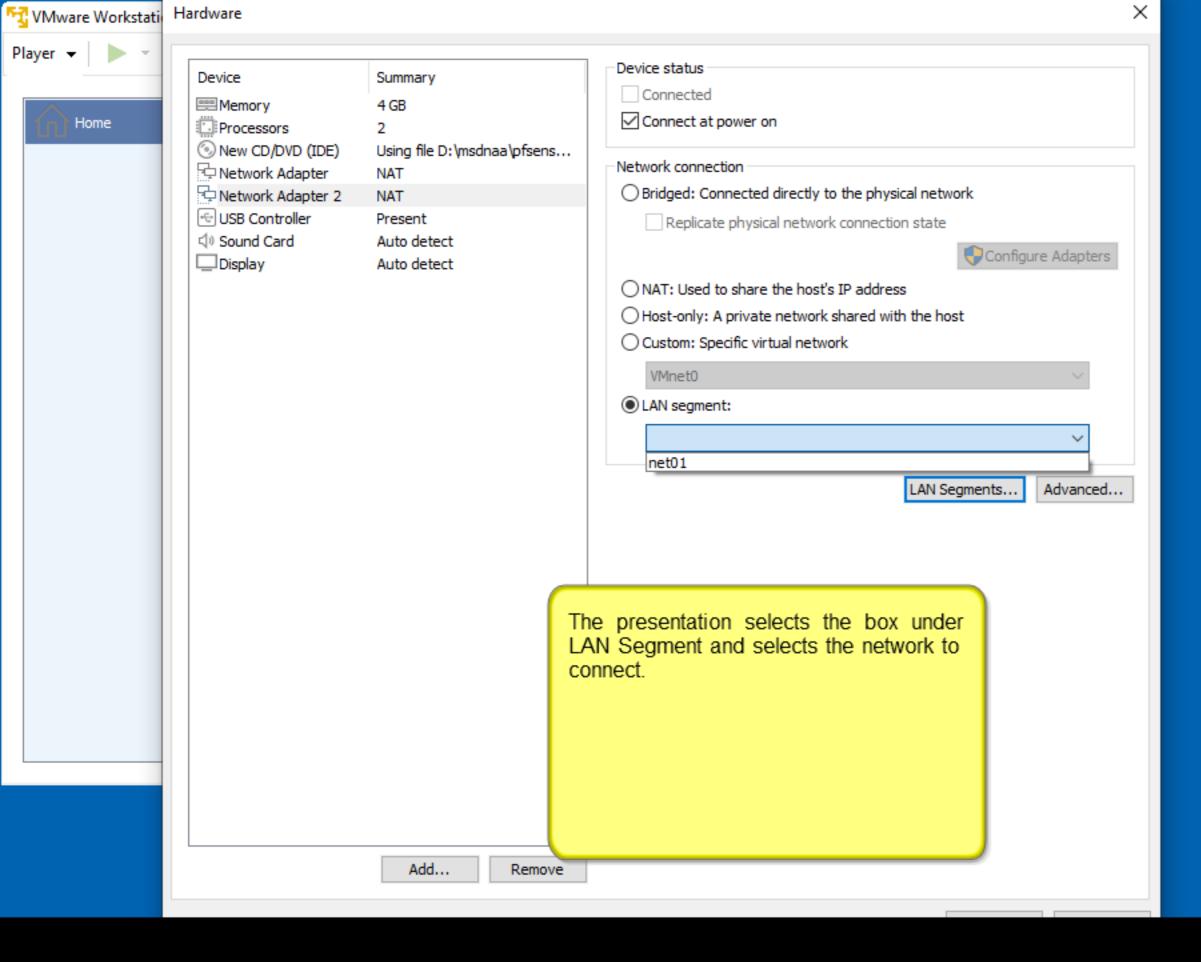




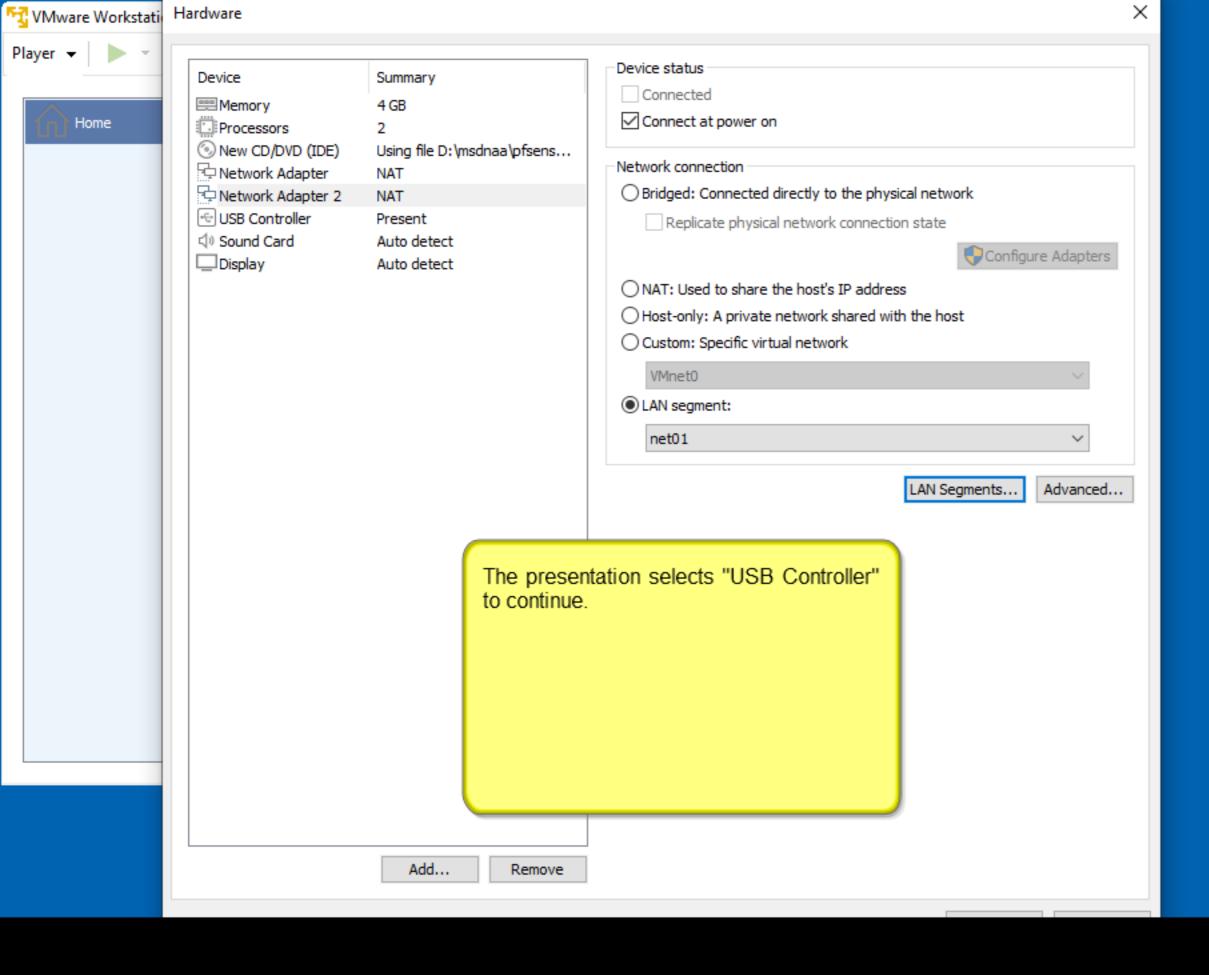


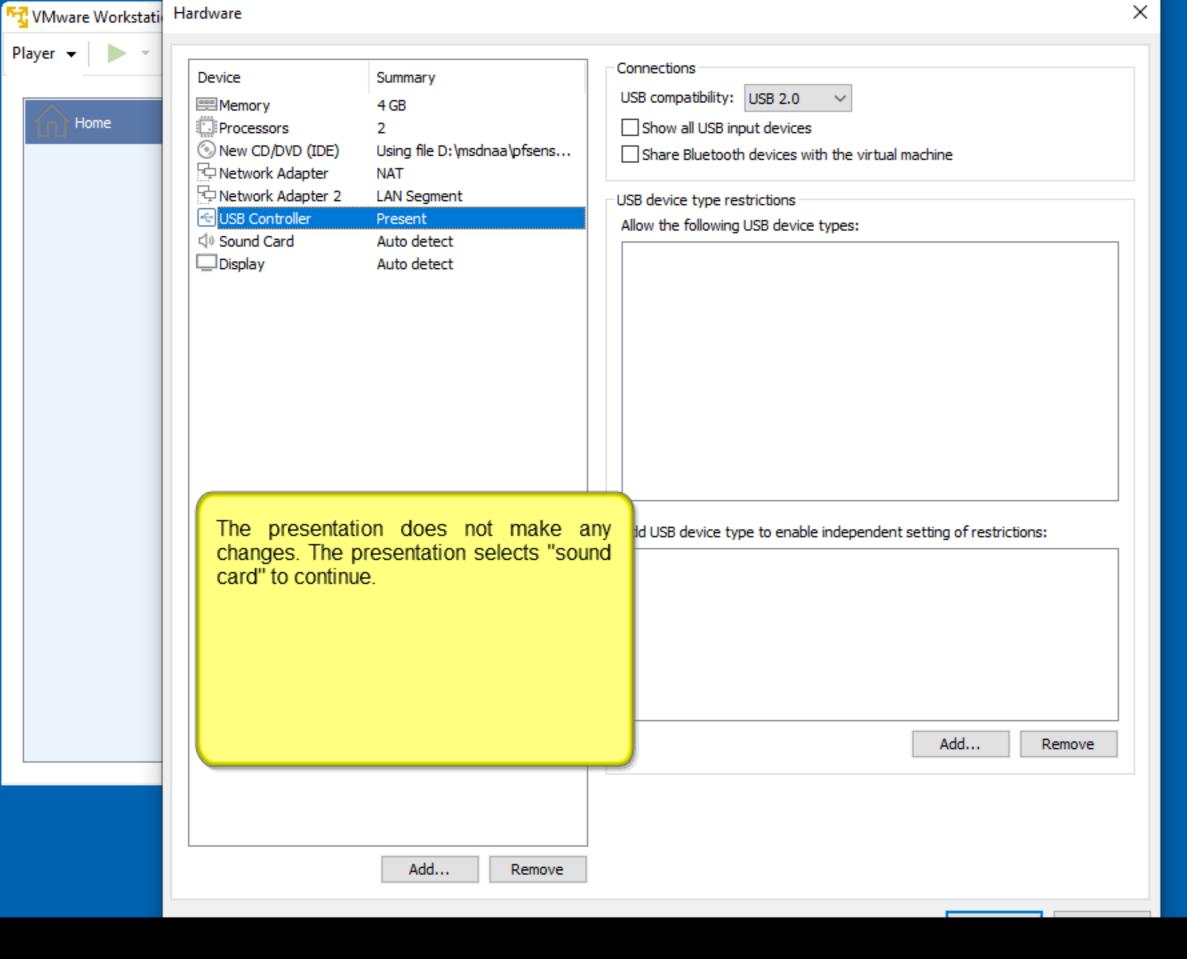




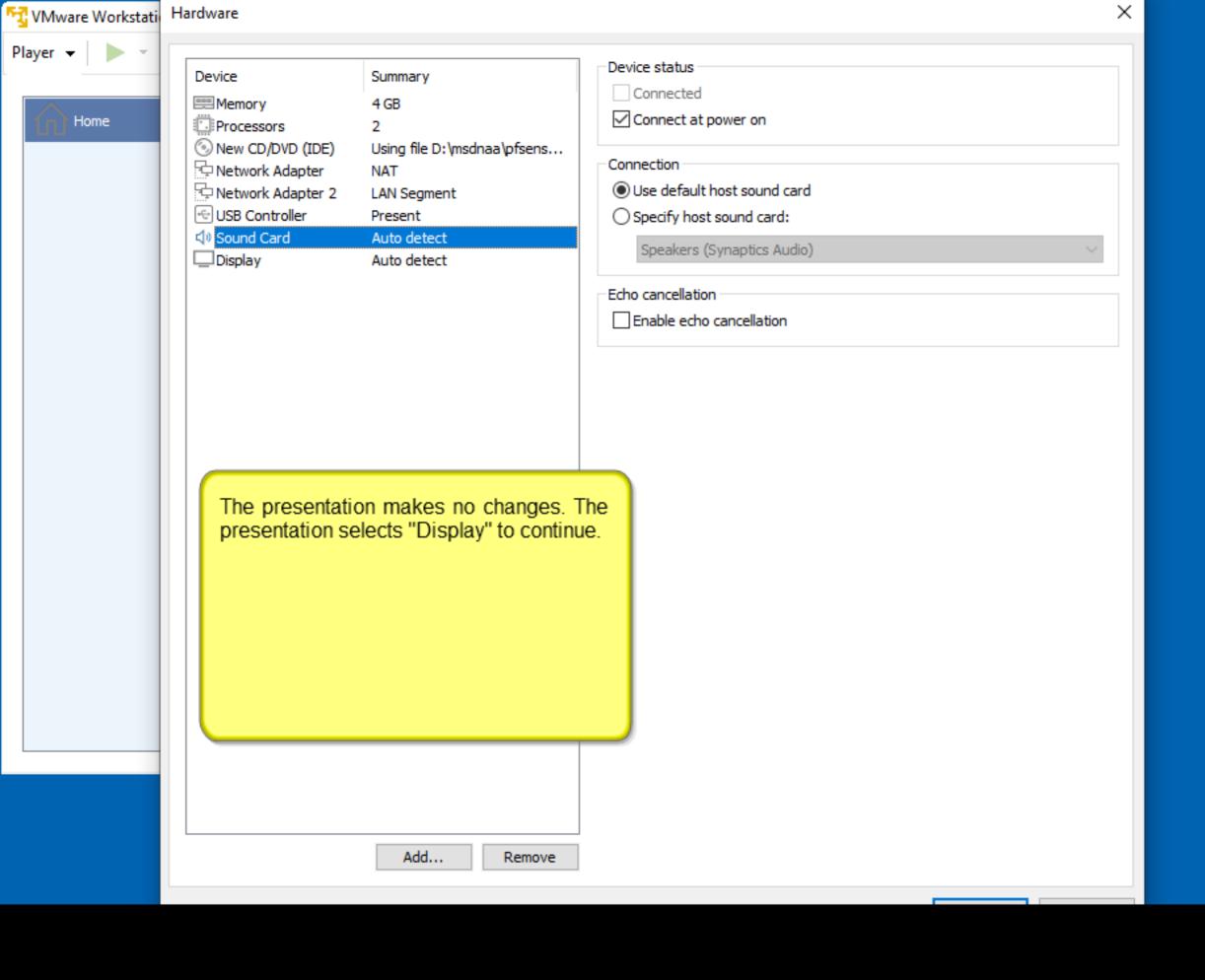


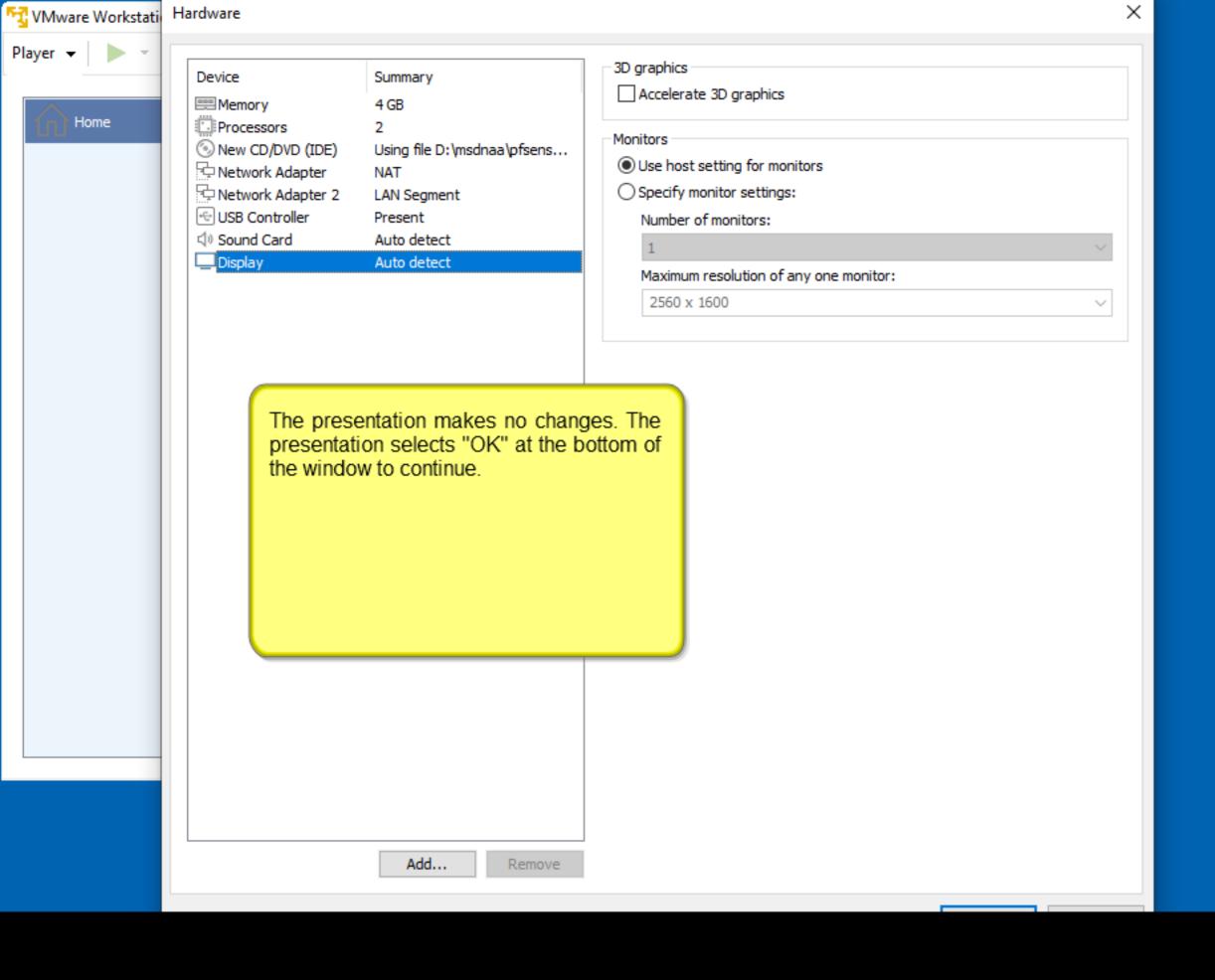


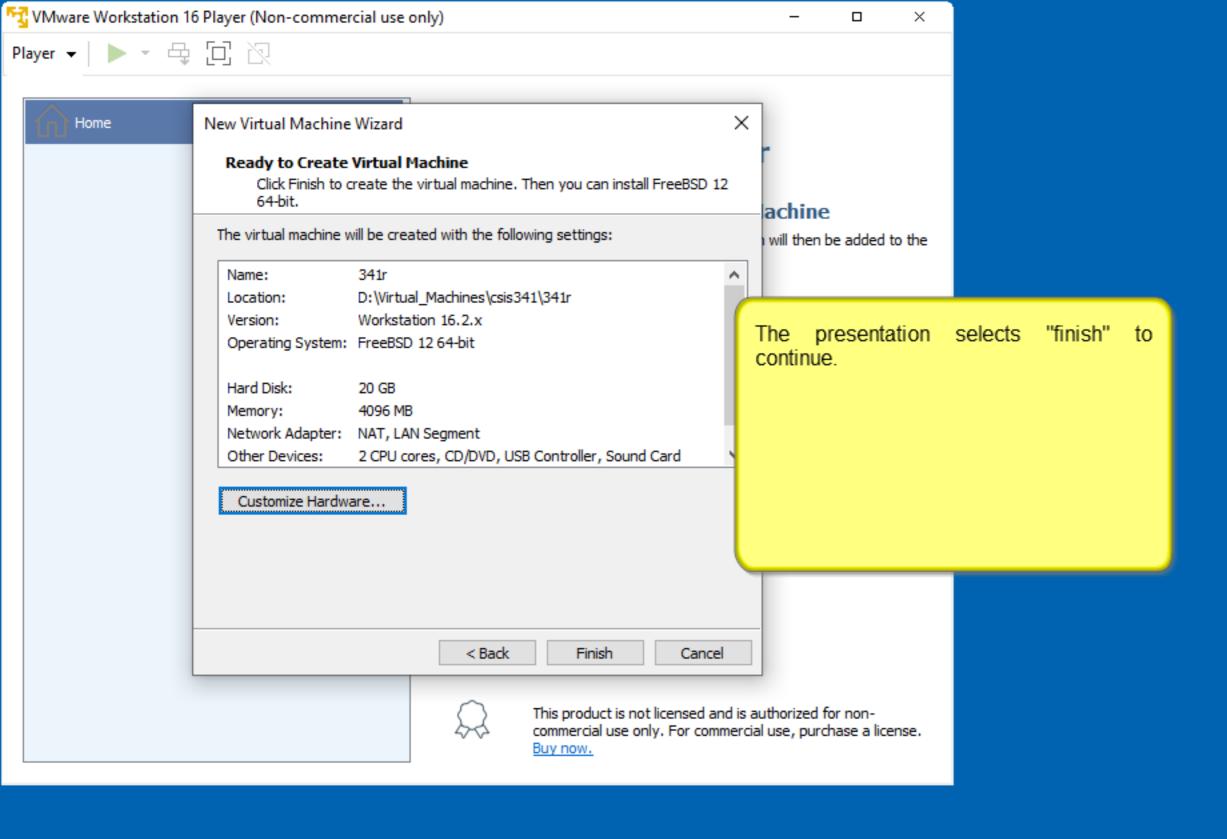


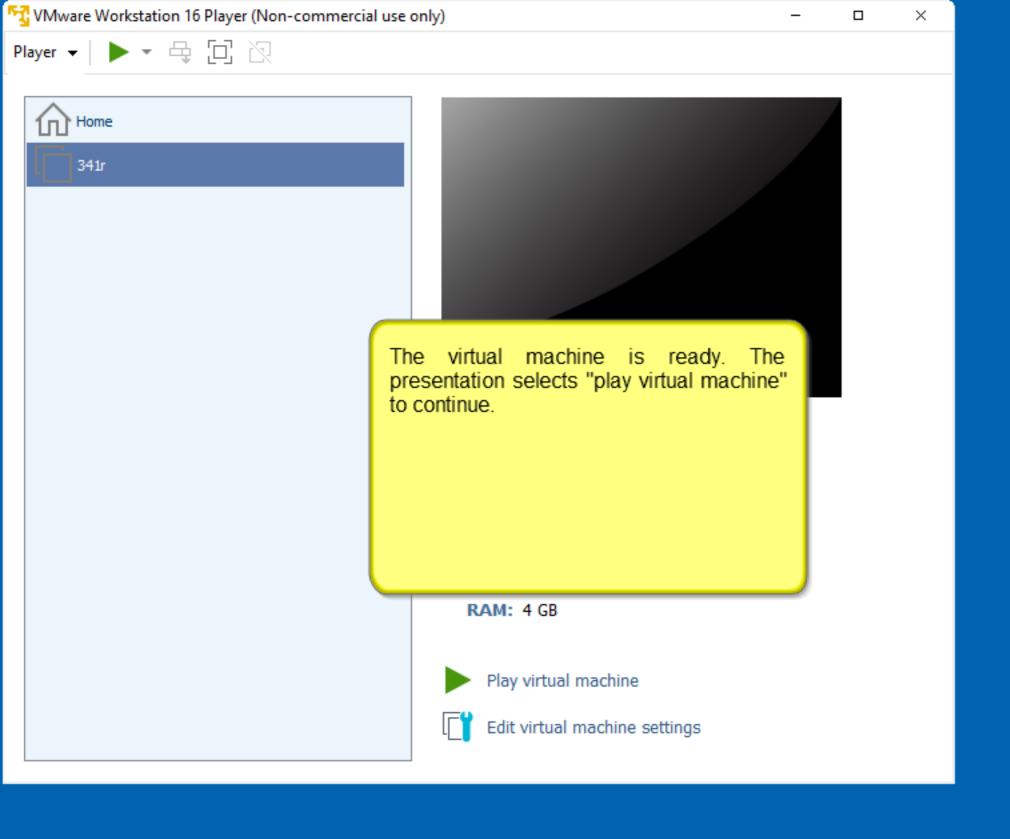


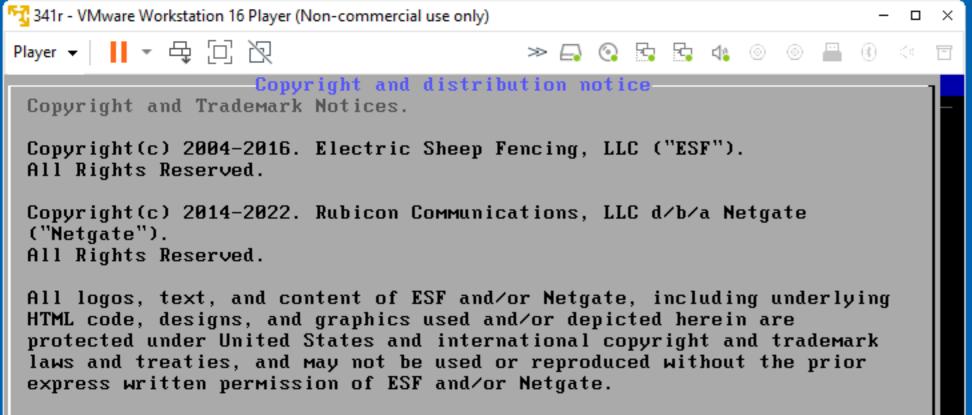




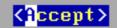






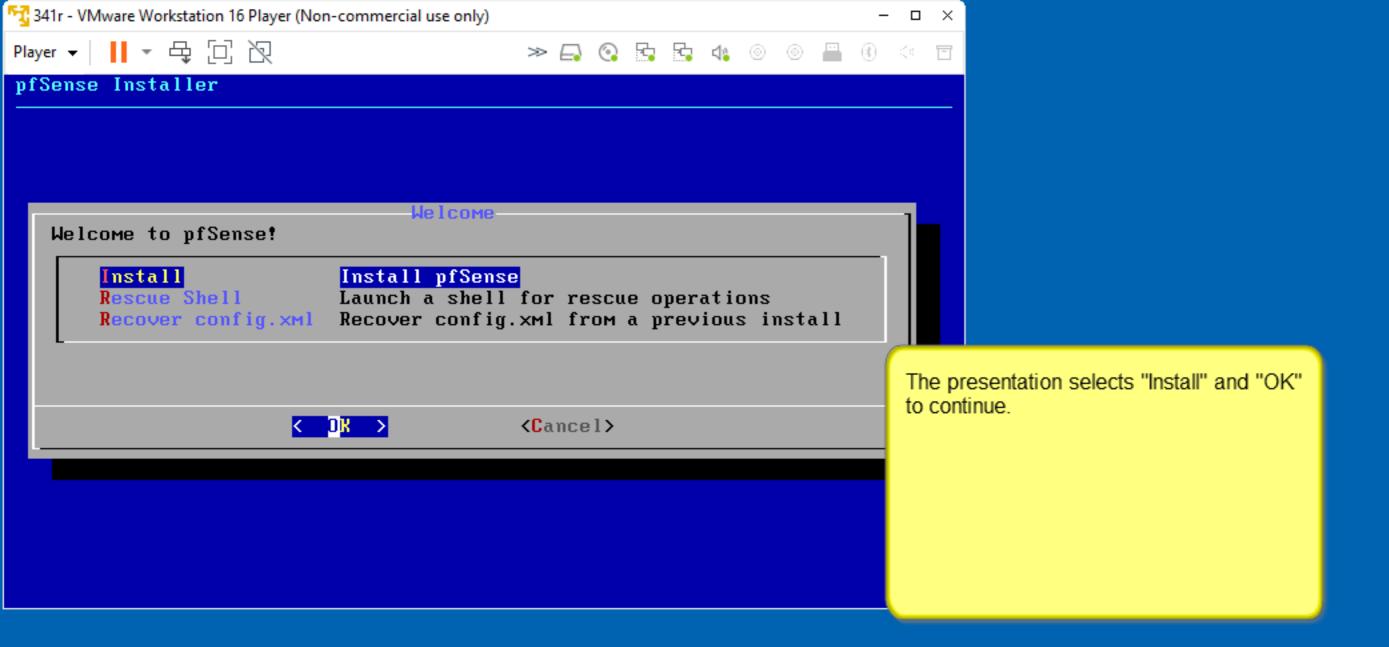


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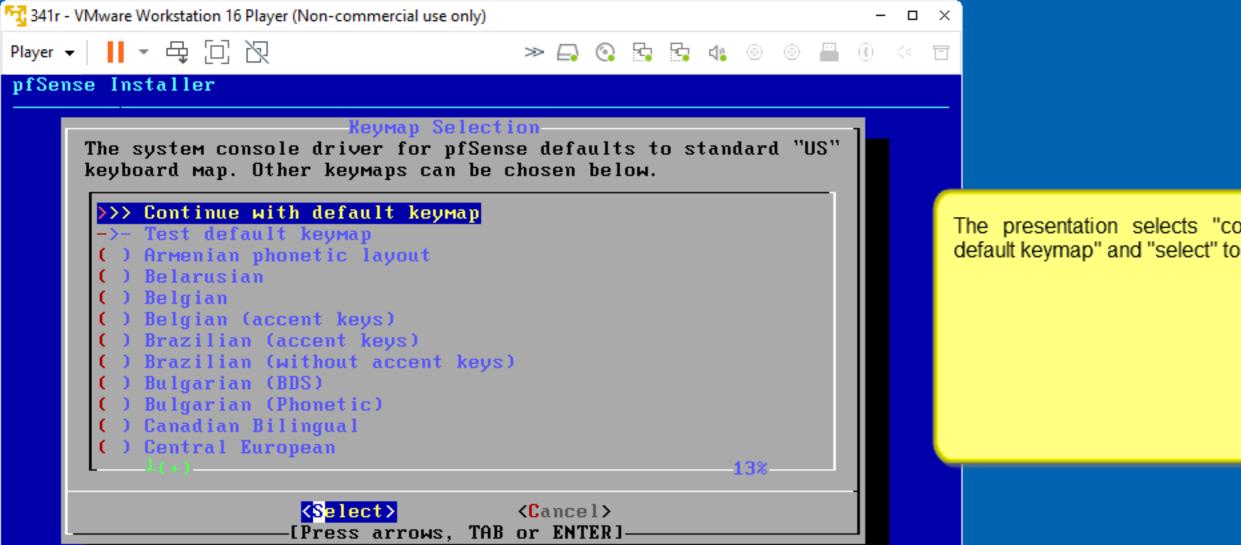


The presentation "accept" the license.

Note: pressing the left ctrl and alt key will release the mouse from the virtual machine.

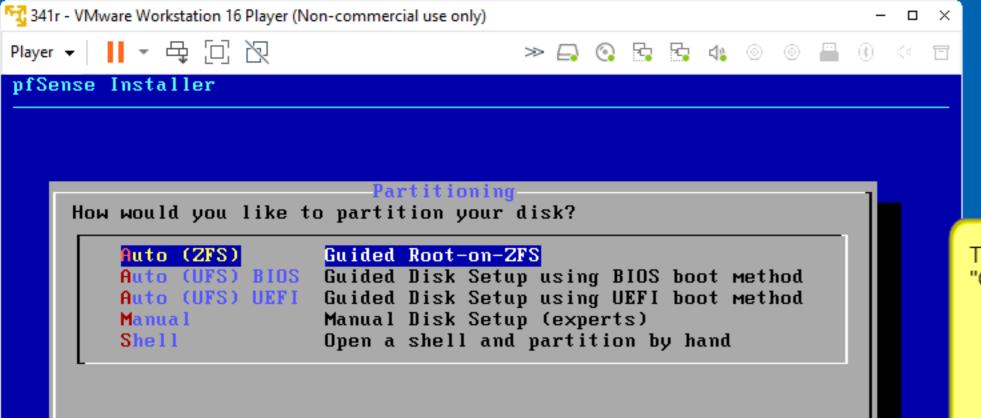






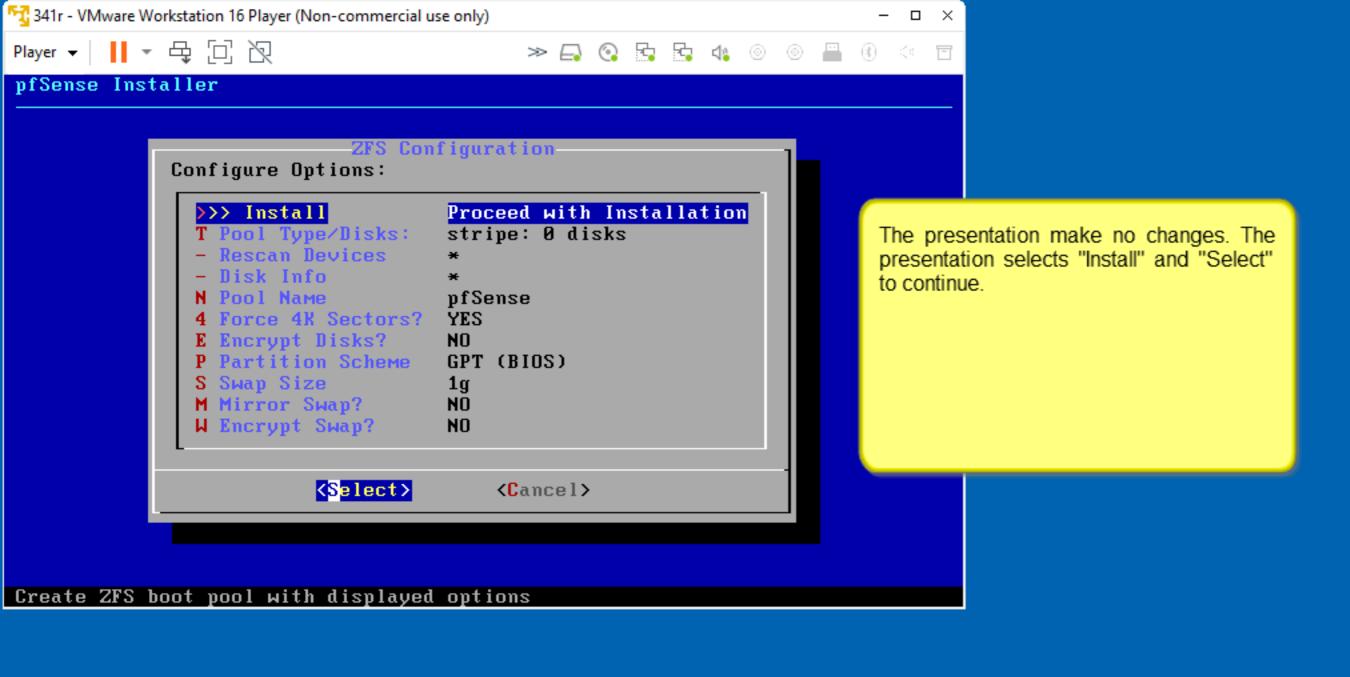
The presentation selects "continue with default keymap" and "select" to continue.

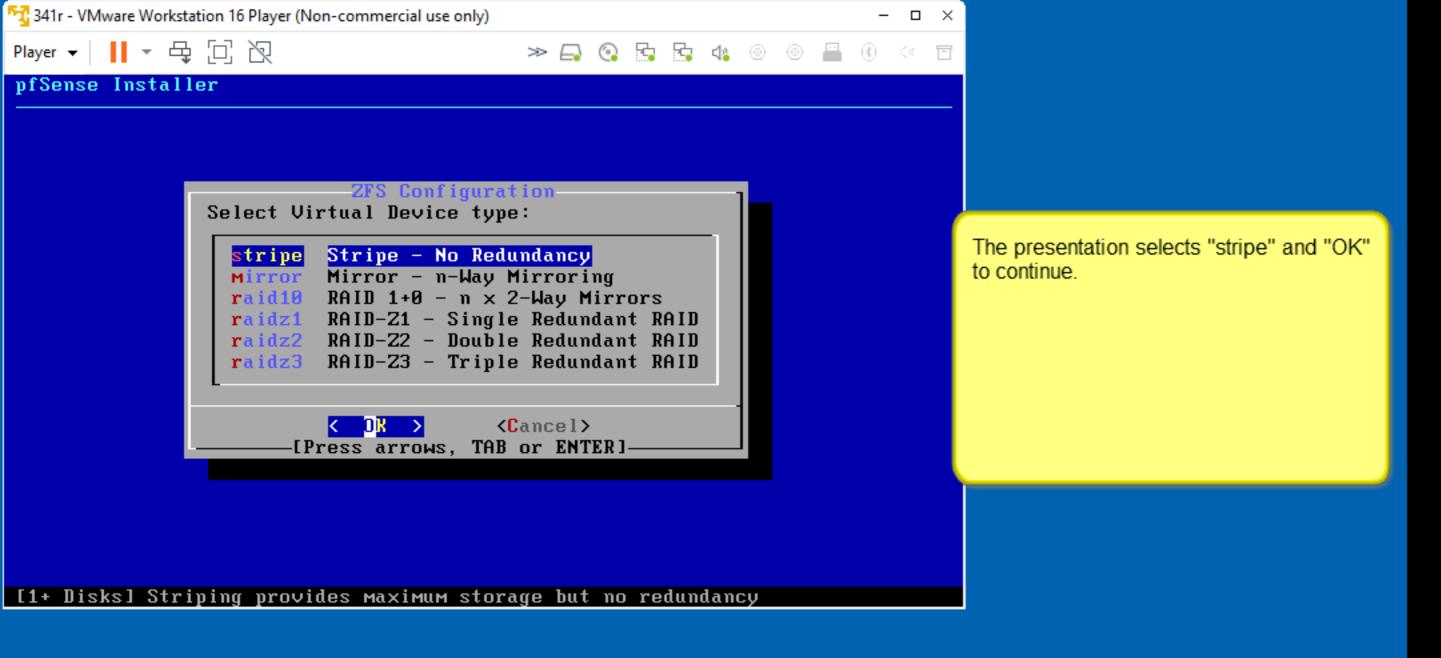


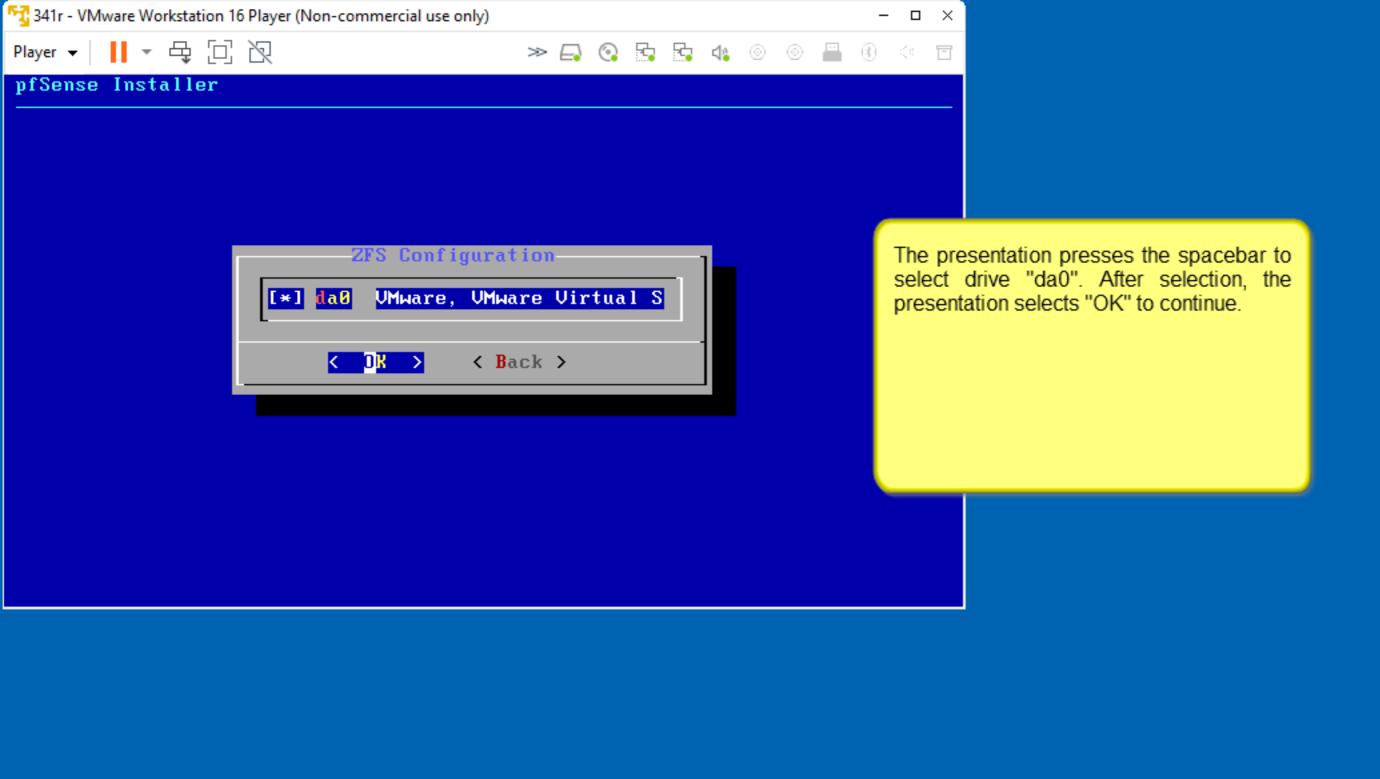


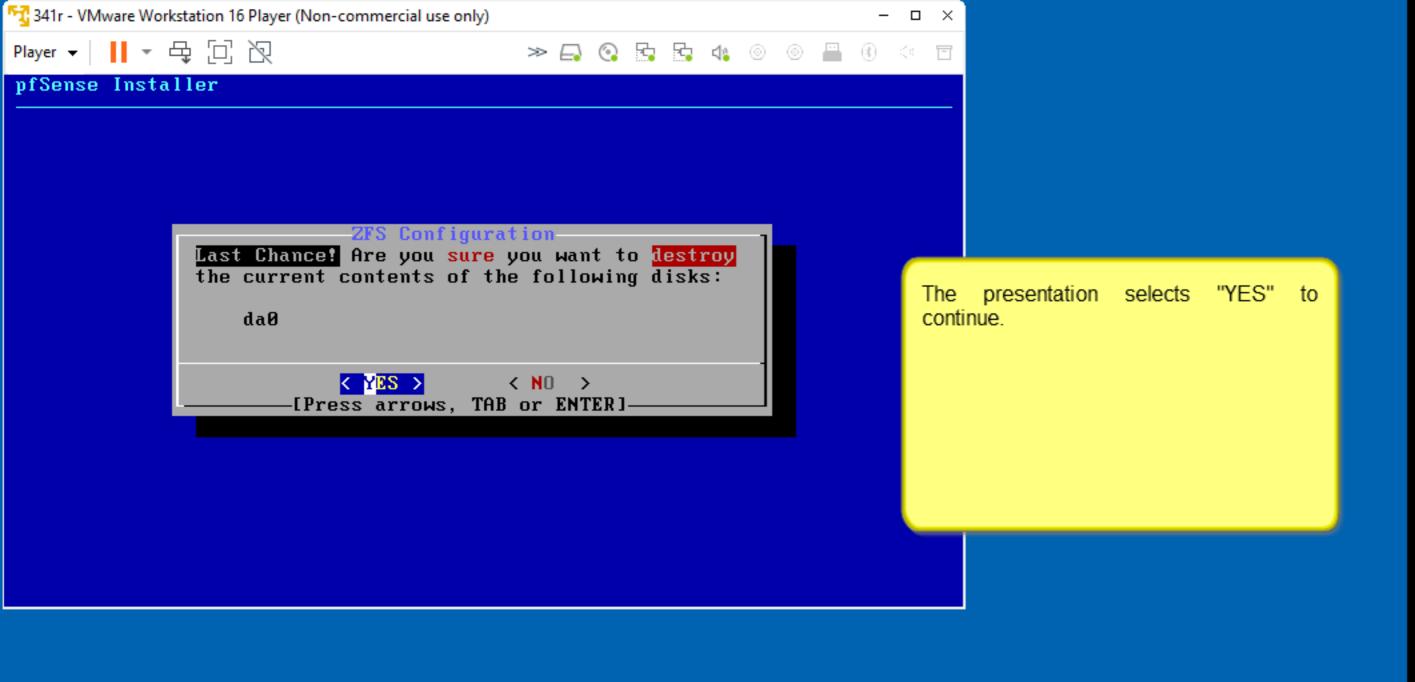
<Cancel>

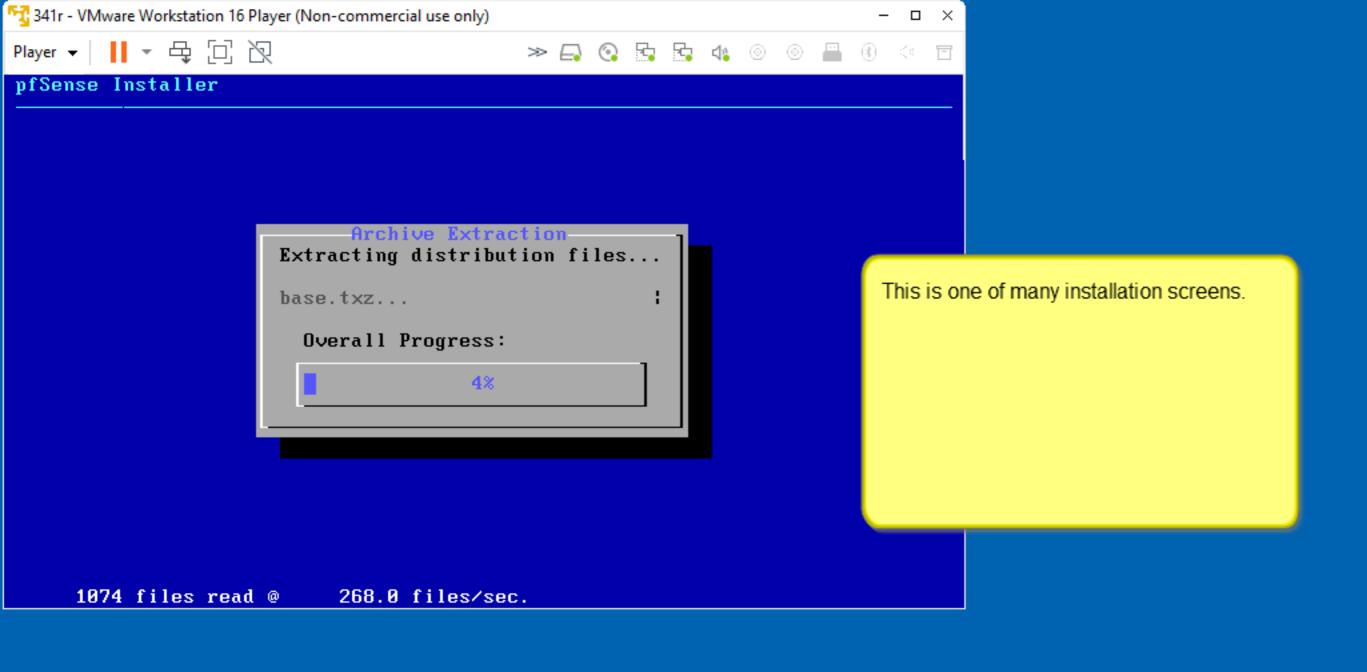
The presentation selects "Auto (ZFS)" and "OK" to continue.



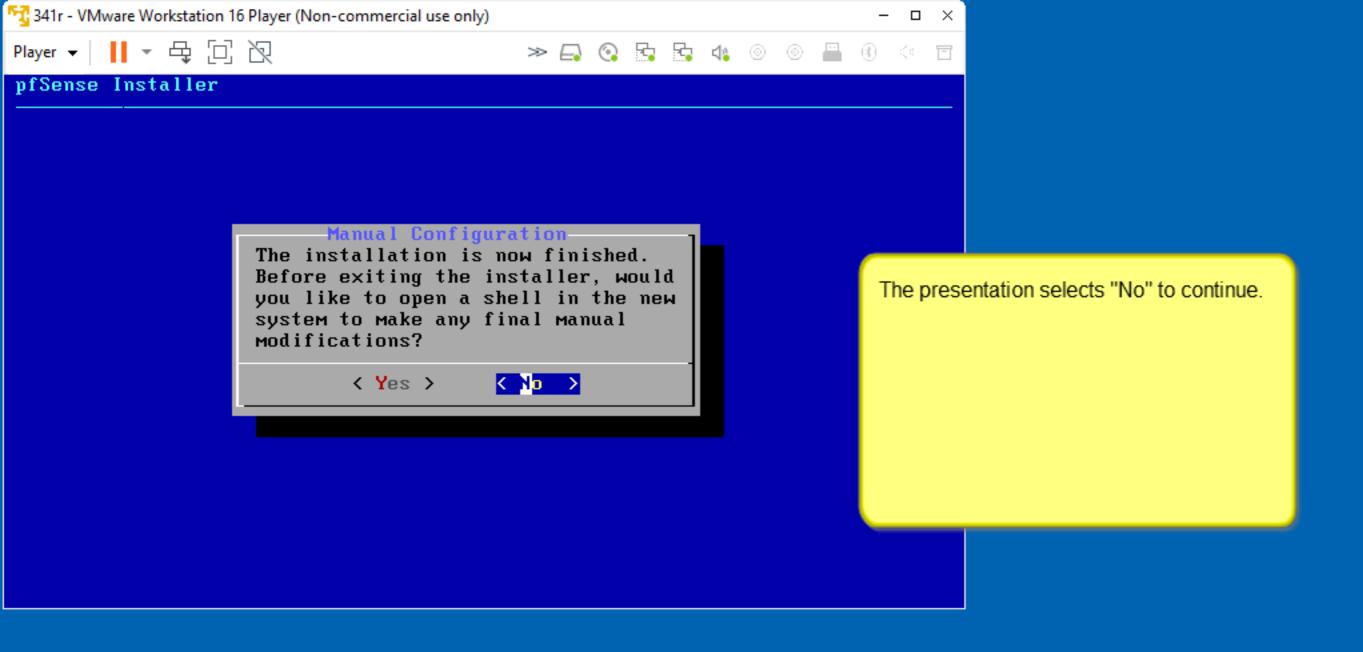




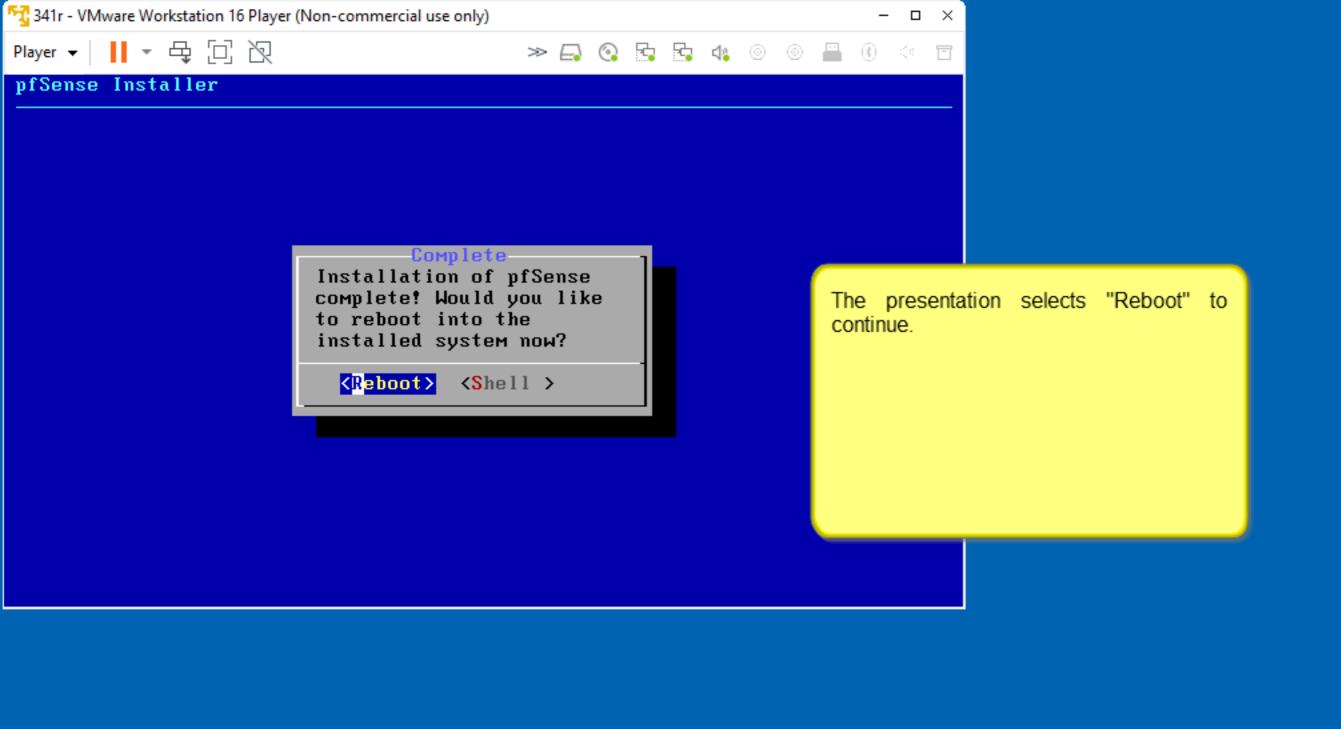


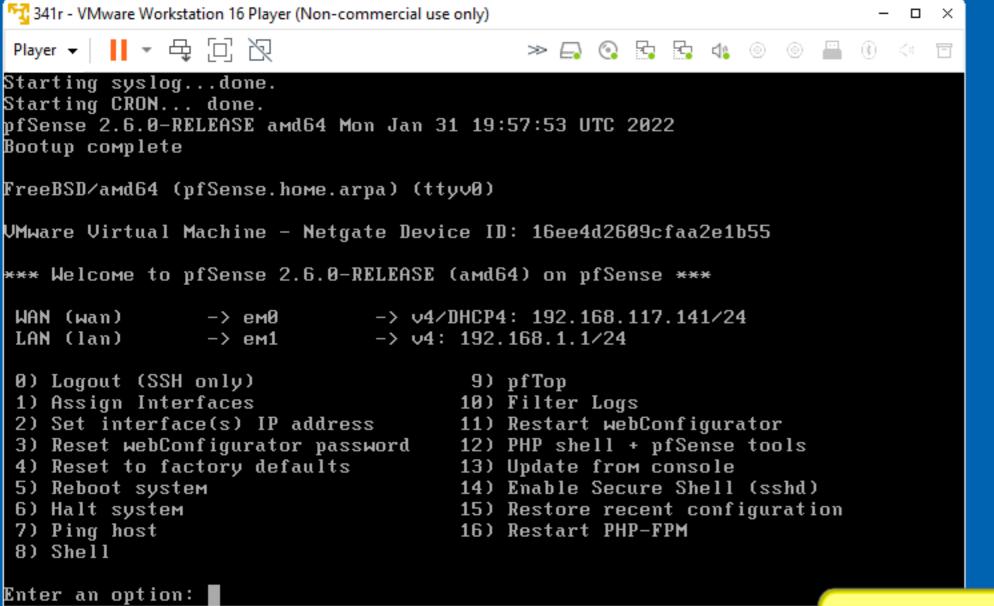




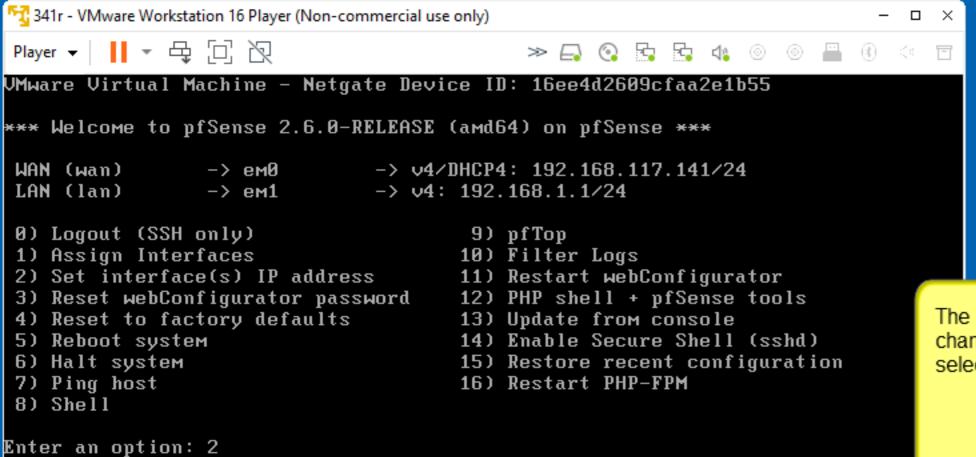








Rebooting finishes at this screen.



Available interfaces:

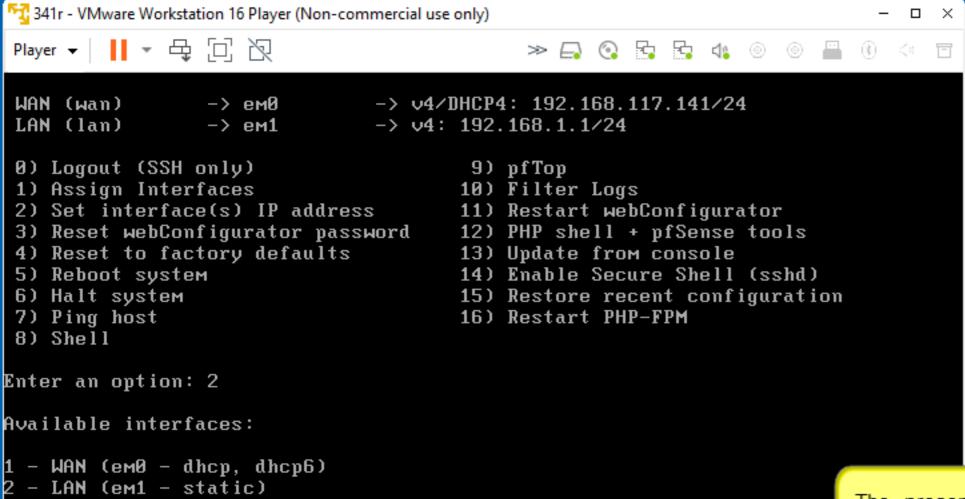
2 - LAN (em1 - static)

1 – WAN (ем0 – dhcp, dhcp6)

Enter the number of the interface you wish to configure: **•**

The presentation selects option "2" to change the IP address. The presentation selects "2" to change the LAN IP address.



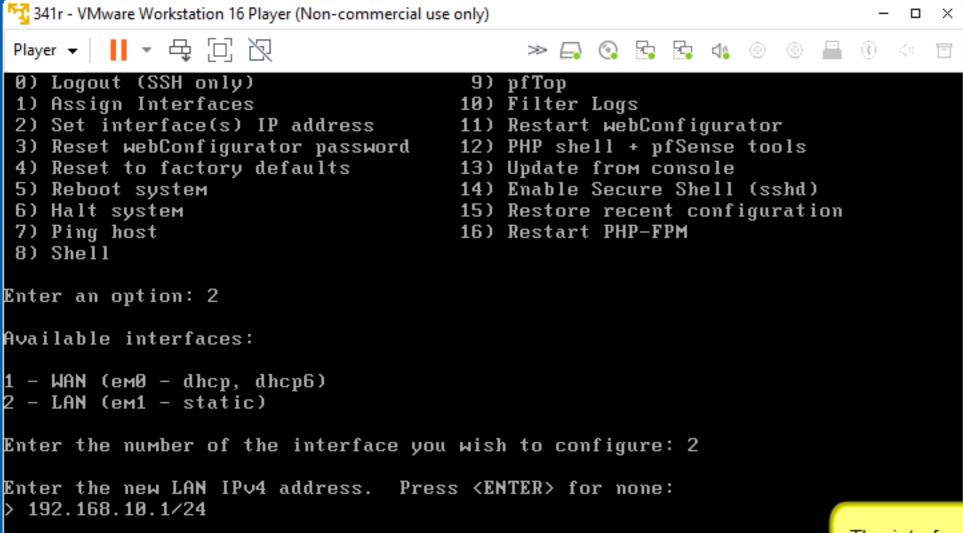


Enter the number of the interface you wish to configure: 2

Enter the new LAN IPv4 address. Press <ENTER> for none:

> 192.168.10.1/24

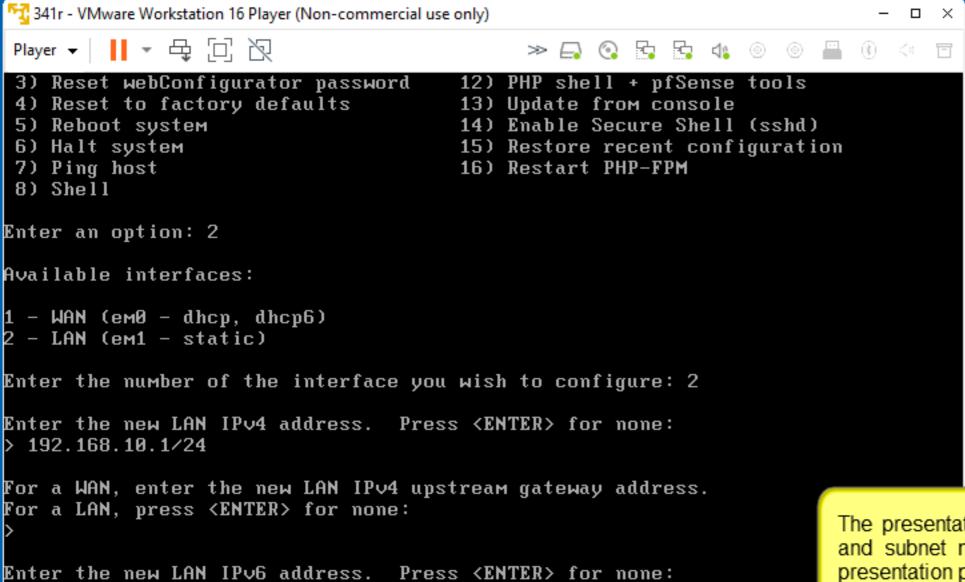
The presentation enters the desired IP address for the interface with subnet mask. The presentation presses "enter" to continue.



For a WAN, enter the new LAN IPv4 upstream gateway address.

For a LAN, press <ENTER> for none:

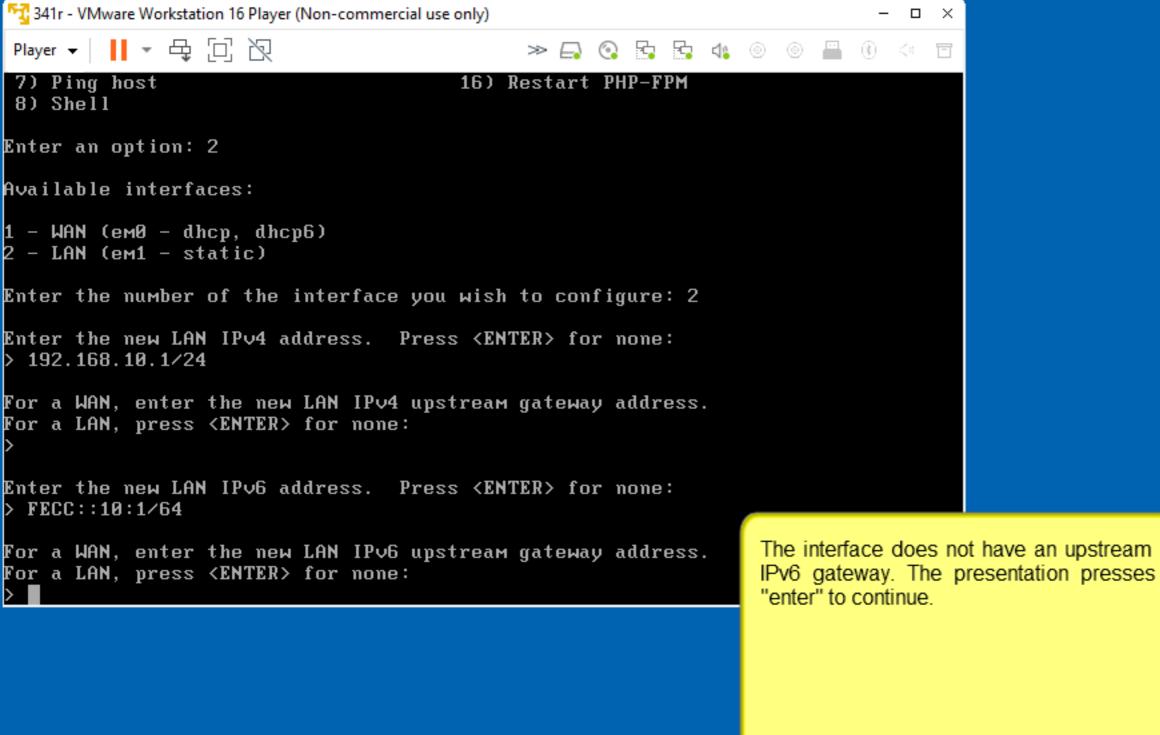
The interface does not have an upstream gateway. The presentation presses "enter" to continue.

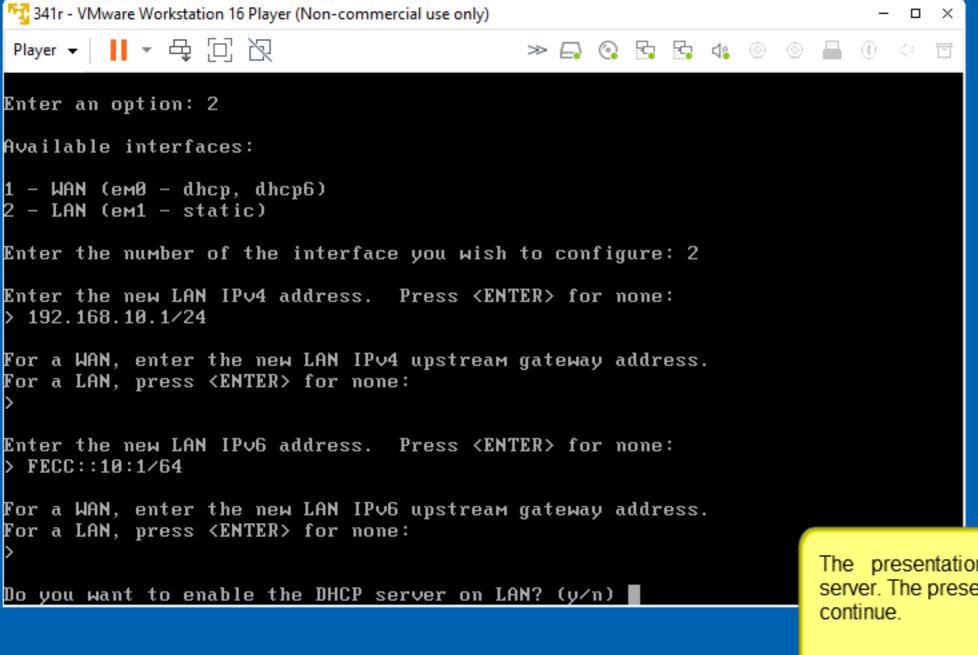


> FECC::10:1/64

The presentation enters the IPv6 address and subnet mask for the interface. The presentation presses "enter" to continue.

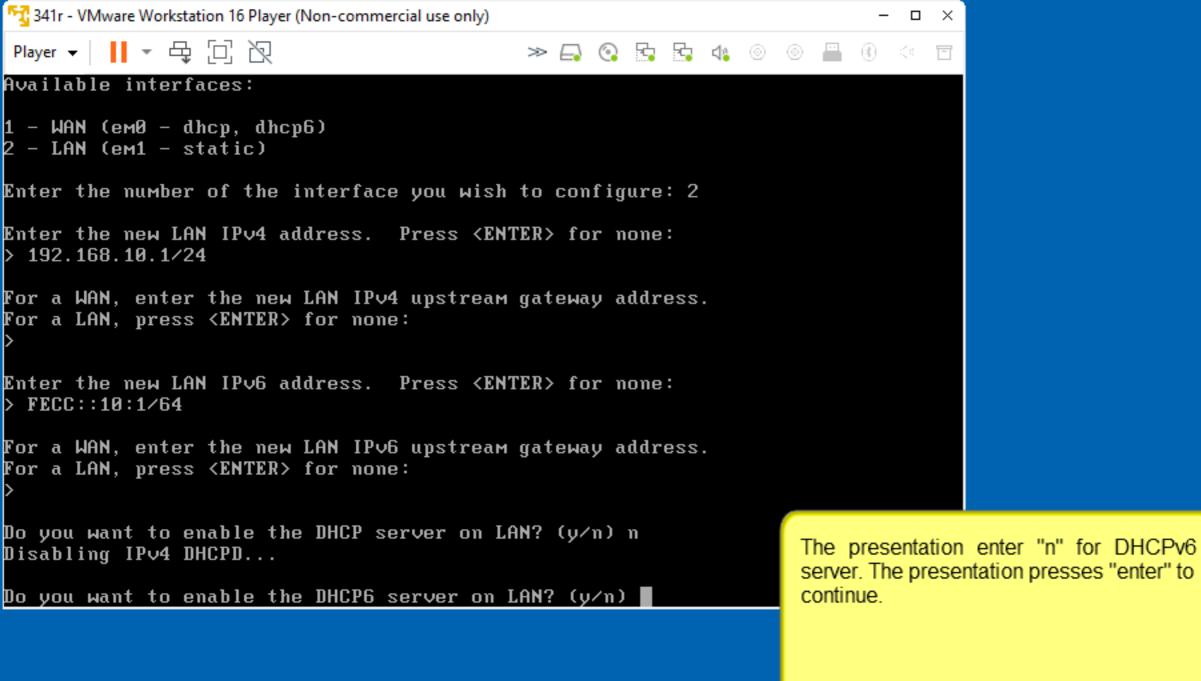
B

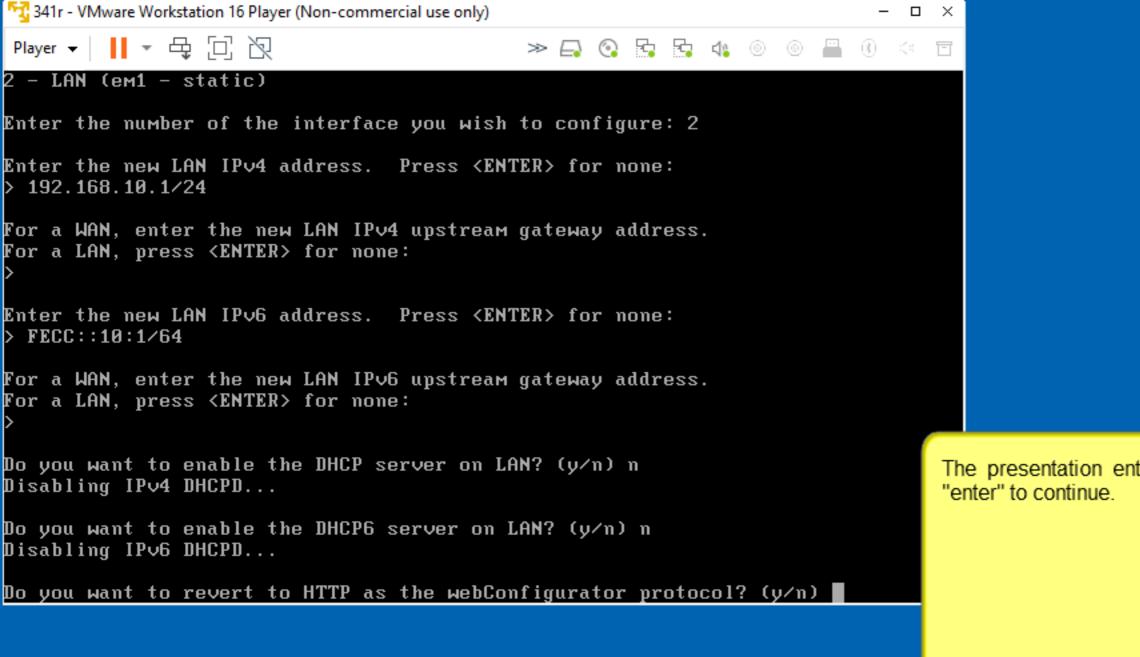




The presentation enter "n" for DHCP server. The presentation presses "enter" to

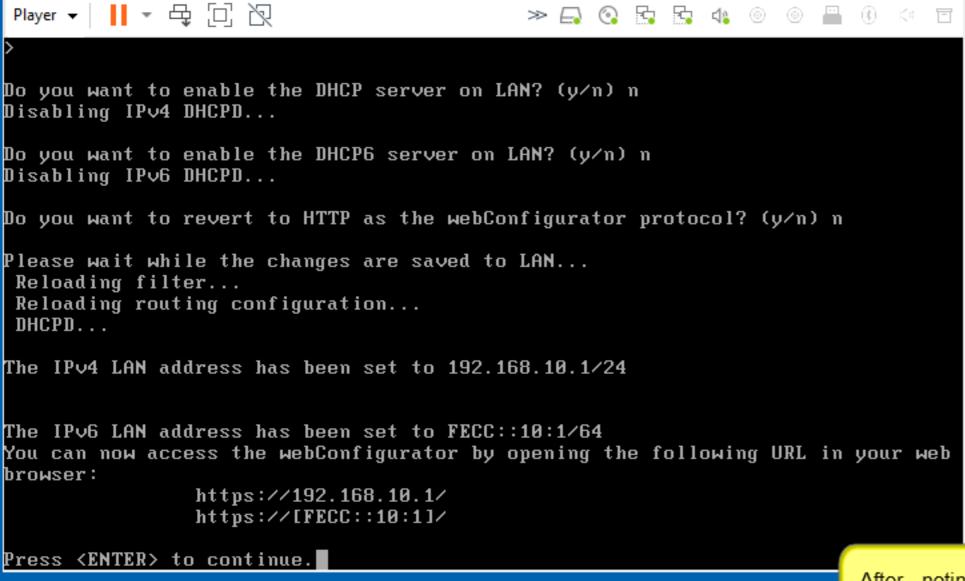
- 🗆 ×





The presentation enters "n" and presses "enter" to continue



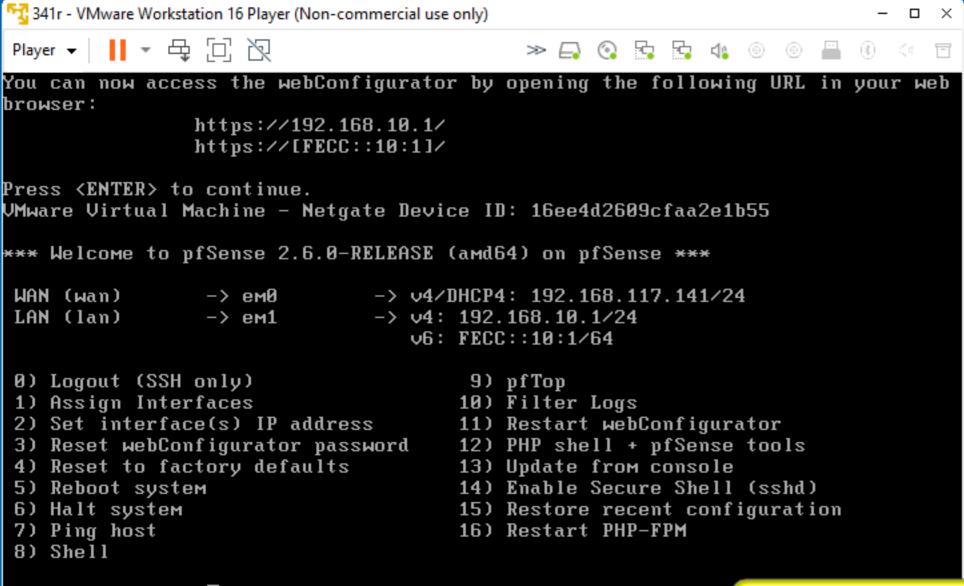


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After noting the web addresses, the presentation presses "enter" to continue.

- 🗆 ×

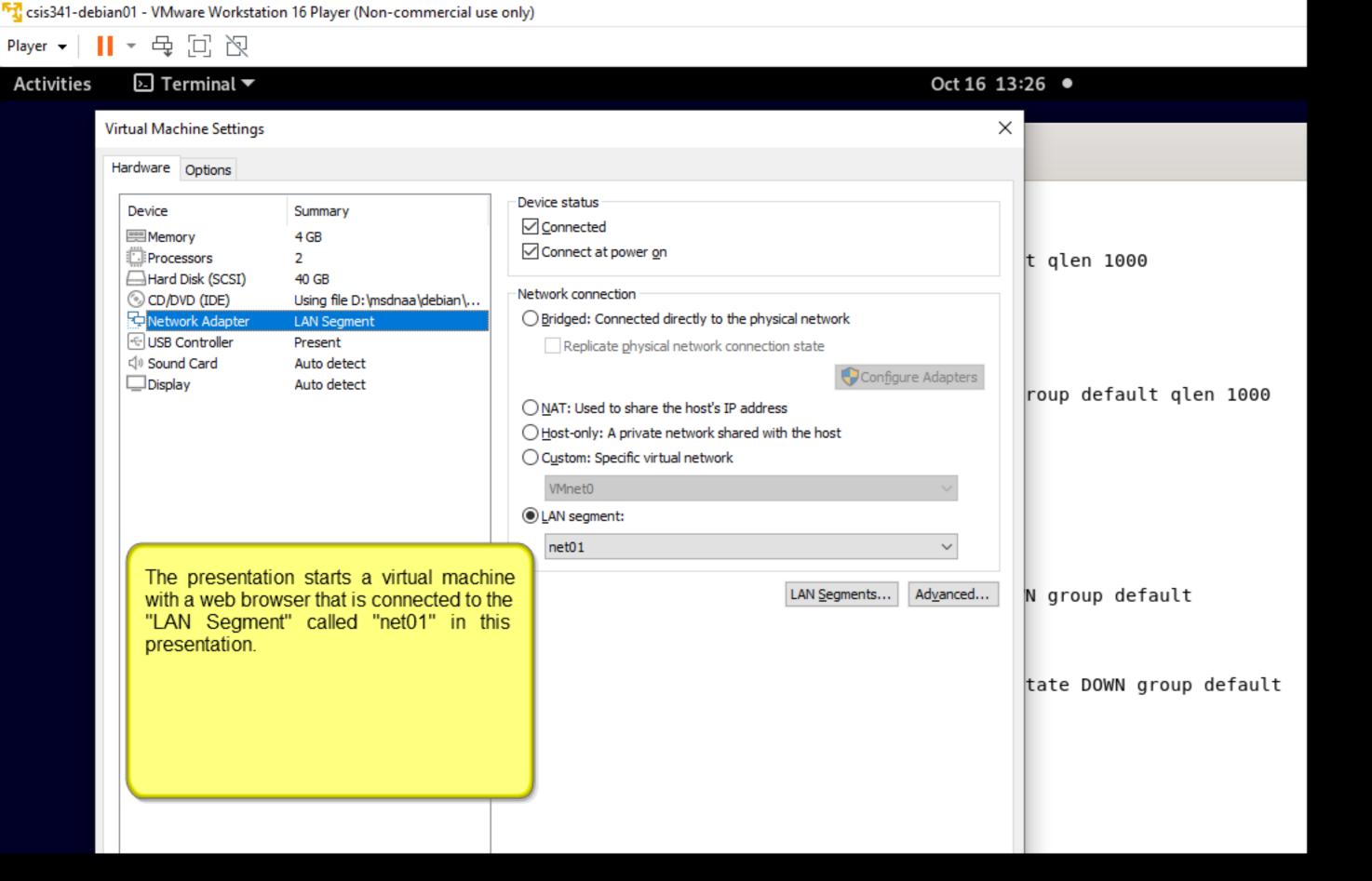
B



Enter an option: 🛮

The router is ready for web configuration.

1



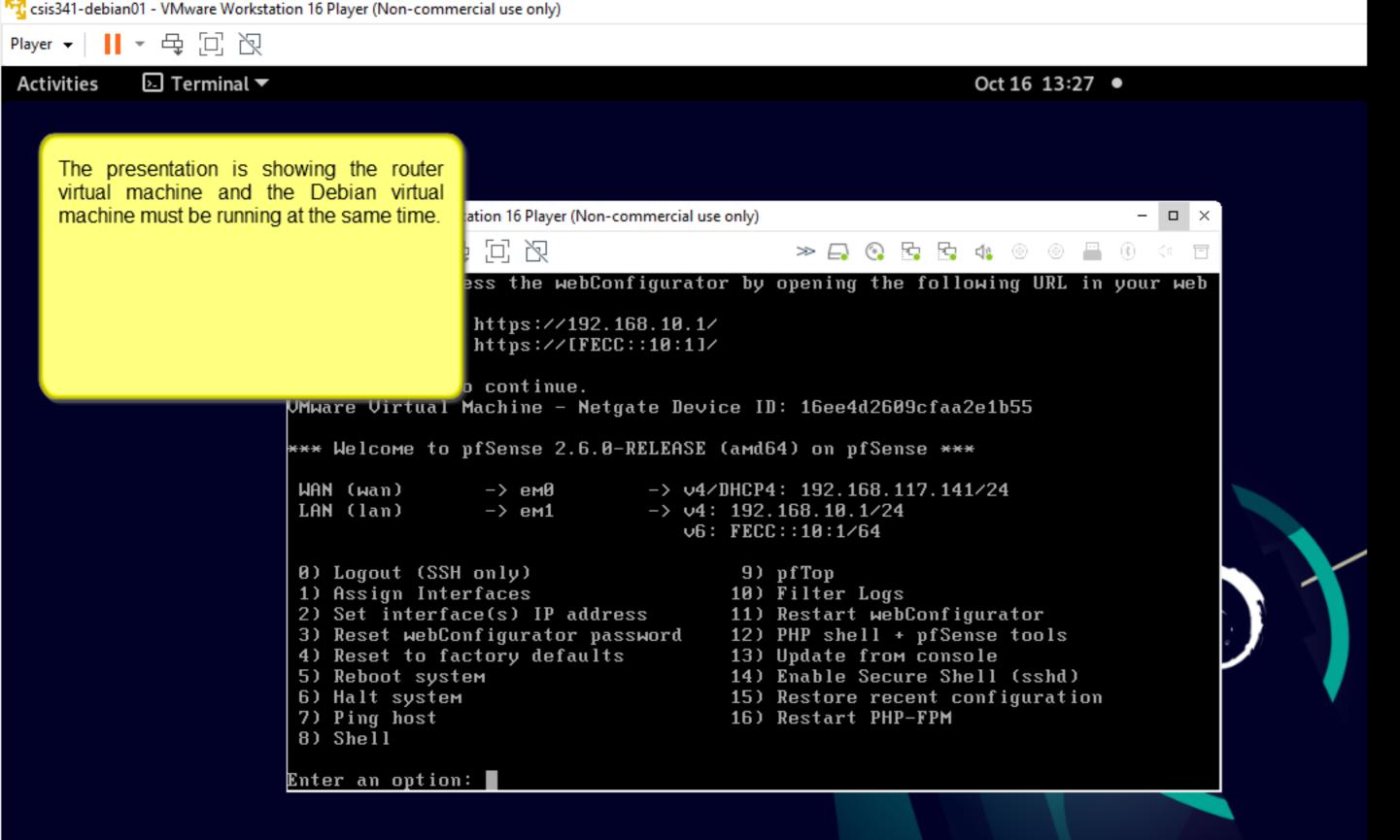
```
    Terminal ▼

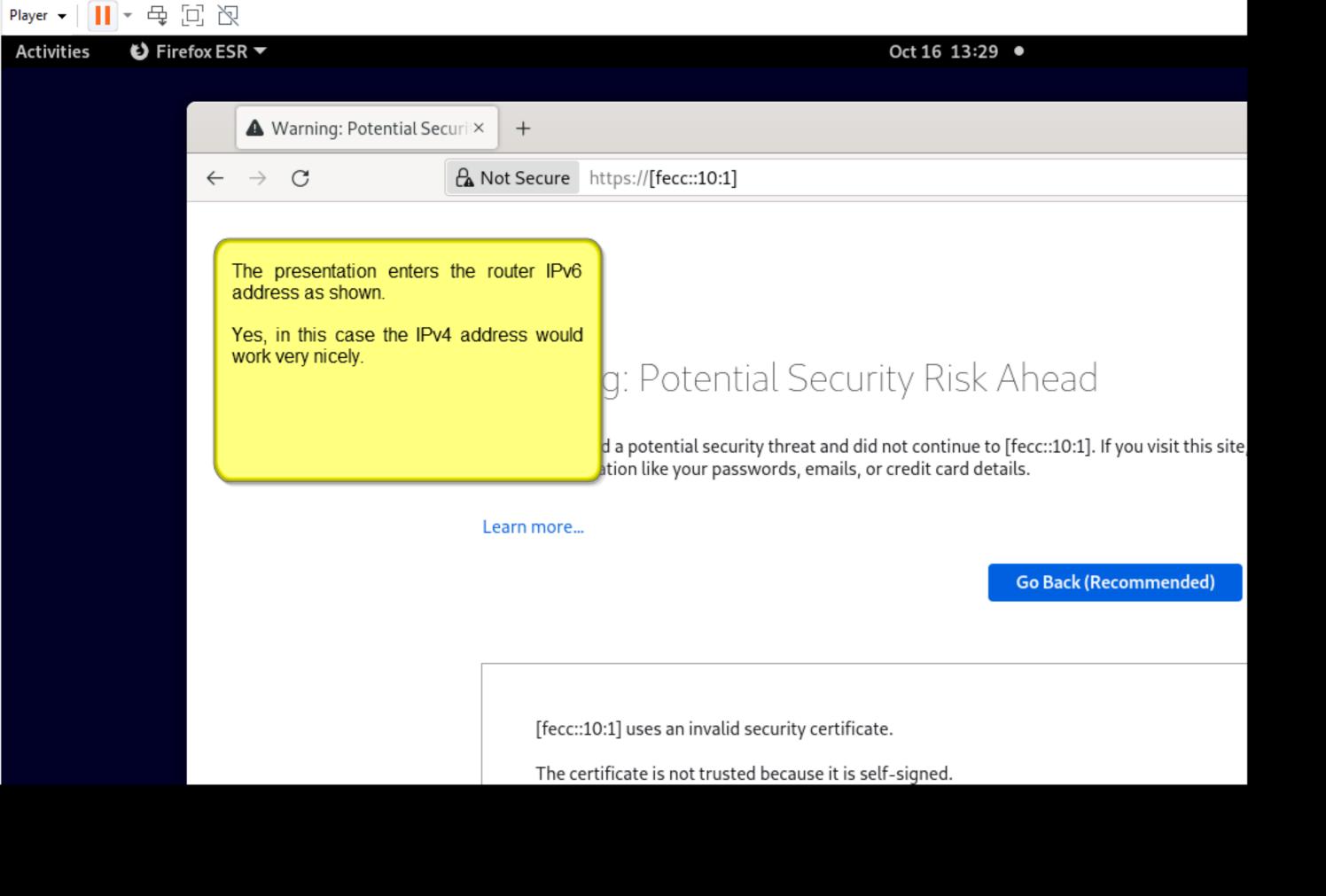
                                                                          Oct 16 13:26 •
 \oplus
                                                       preuss@csis341-debian: ~
preuss@csis341-debian:~$ cat /etc/debian version
11.5
preuss@csis341-debian:~$ ip a sh
1: lo: <LOOPBACK,UP,LOWER UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid lft forever preferred lft forever
    inet6 ::1/128 scope host
       valid lft forever preferred lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER UP> mtu 1500 qdisc pfifo fast state UP group default qlen 1000
    link/ether 00:0c:29:ea:49:cb brd ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.10.10/24 brd 192.168.10.255 scope global noprefixroute ens33
       valid lft forever preferred lft forever
    inet6 fecc::10:10/64 scope site noprefixroute
       valid lft forever preferred lft forever
    inet6 fe80::20c:29ff:feea:49cb/64 scope link noprefixroute
       valid lft forever preferred lft for
3: docker0: <NO-CARRIER, BROADCAST, MULTICA</p>
                                                                               DOWN group default
                                           The presentation shows the Debian version
    link/ether 02:42:8c:8f:de:8b brd ff:
                                           and current IP addresses. These
    inet 172.17.0.1/16 brd 172.17.255.25
                                           addresses are static addresses set earlier.
       valid lft forever preferred lft for
4: br-b9c17ea3c03b: <NO-CARRIER,BROADCAS
                                                                               e state DOWN group default
    link/ether 02:42:f0:24:6b:85 brd ff:
    inet 192.168.49.1/24 brd 192.168.49.3
       valid lft forever preferred lft for
preuss@csis341-debian:~$
```

🚺 csis341-debian01 - VMware Workstation 16 Player (Non-commercial use only)

Player ▼ | | ▼ 뒂 🖸 🛛

Activities





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