



**Palo Alto Networks
VMware Workstation 8.0 Academy Labs
Lab: Install and Activate Firewall License**

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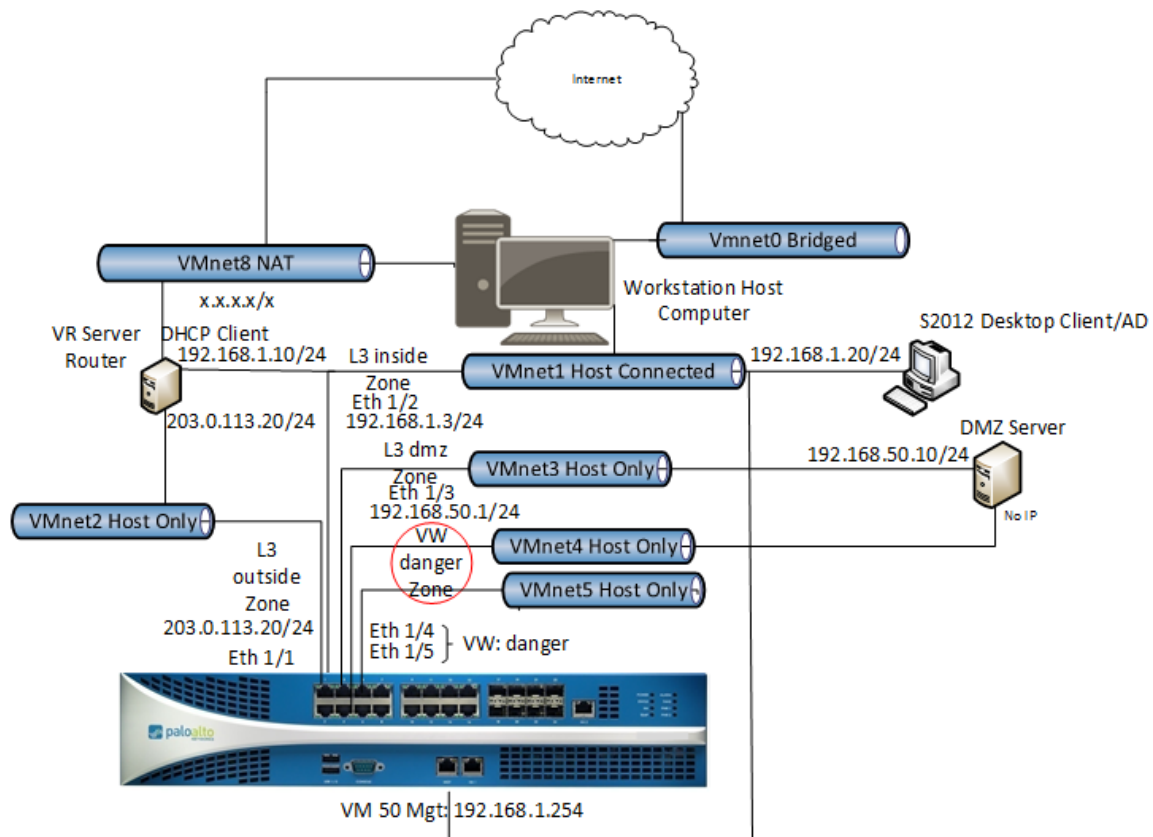
In this lab, you will:

1. License your VM-50 workstation appliance with provided authentication code, check to insure your firewall correctly installs the licenses on your appliance and perform dynamic updates.

Username and Passwords

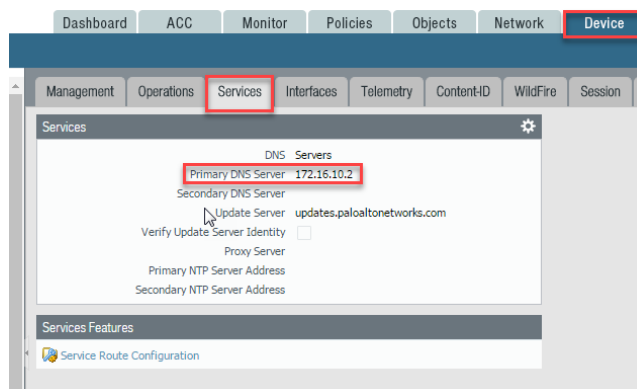
The information in the table below contains information you will need to complete this lab.

PAN-EDU-210 8.0 Academy Workstaton Lab Diagram



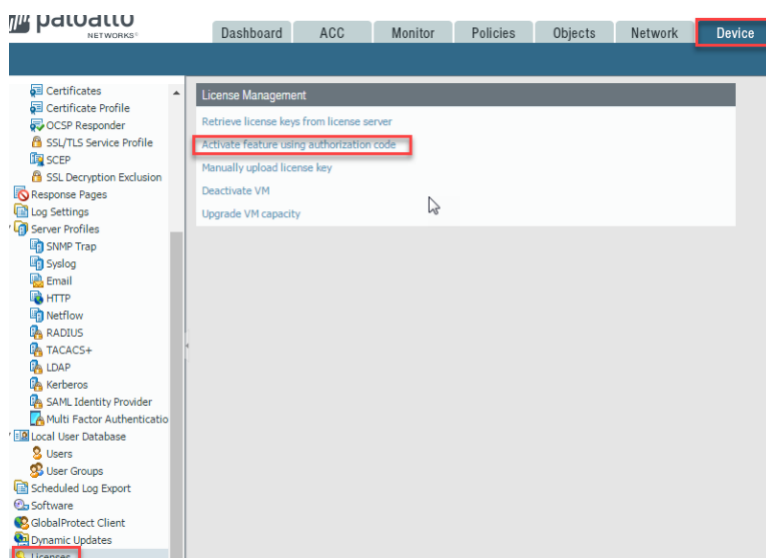
Virtual Machine	Username	Password
VM-50 Academy Appliance	admin	admin
Server 2012	lab-user	Pal0Alt0
Centos AAC DMZ	root	Pal0Alt0
Centos Virtual Router	root	Pal0Alt0

- 1 License your VM-50 workstation appliance with provided authentication code, check to insure your firewall correctly installs the licenses on your appliance and perform dynamic updates.
- 1.1 In VMware workstation PA-VM-8.0 Workstation tab, select “Power on this virtual machine”. Your VM-50 appliance will start the boot up process and will take approximately 4 minutes. **Make sure the 210-8-Workstation-vr virtual machine is powered on and connected to correct VMNets before attempting licensing. The virtual router provides routing to the Internet for the VM-50 appliance and you will need to license the VM-50 appliance by connecting to the updates.paloaltonetworks.com server.**
- 1.2 From the desktop client, open the Chrome browser and connect to the VM-50 Web-UI by entering https://192.168.1.254 in the browsers URL. A privacy error will occur, click “Advanced” and then click “Proceed to 192.168.1.254 (unsafe)”.
- 1.3 Log into your VM-50 appliance with username: “admin” and password: “admin”. Click the Device tab and on the left-hand side of Web-UI click “Setup”.
- 1.4 Now click the “Services” tab and then click the settings icon on right hand side.
- 1.5 In the Services dialog box insure the DNS server IP is 172.16.10.2

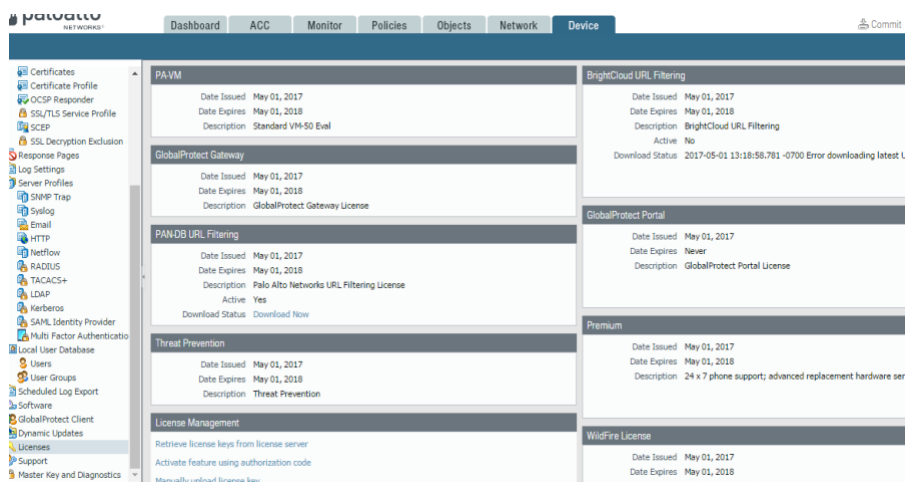
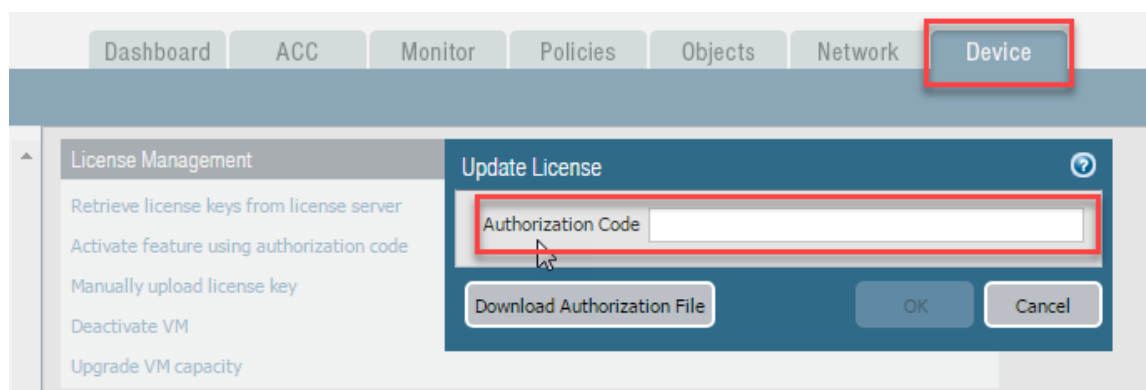


- 1.6 In Device>Licenses under “License Management”, click “Activate features using authorization code”.

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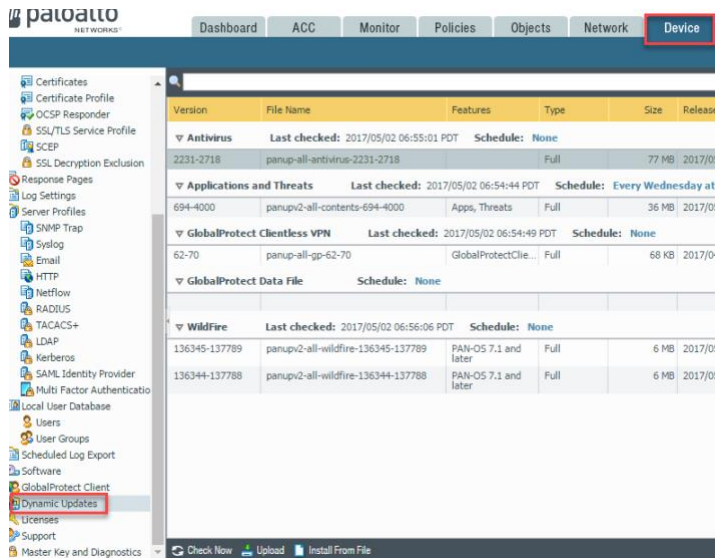


- 1.7 Enter the authorization code provided to you by your academy representative, click OK and click OK after receiving a warning. Your firewall will now reboot to load your licenses.



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- 1.8** Log back into your firewall and go to Device Tab>Dynamic updates and click “Check Now” on the lower left-hand side. Download and install all the updates. Continue to “Check Now” and install until there are no longer any updates.



The screenshot shows the Palo Alto Networks management interface. The top navigation bar includes tabs for Dashboard, ACC, Monitor, Policies, Objects, Network, and Device. The left sidebar contains a list of configuration categories, with 'Dynamic Updates' highlighted under the 'GlobalProtect Client' section. The main content area displays a table of updates for various features.

Version	File Name	Features	Type	Size	Release
Antivirus Last checked: 2017/05/02 06:55:01 PDT Schedule: None					
2231-2718	panup-all-antivirus-2231-2718		Full	77 MB	2017/05
Applications and Threats Last checked: 2017/05/02 06:54:44 PDT Schedule: Every Wednesday at					
694-4000	panupv2-all-contents-694-4000	Apps, Threats	Full	36 MB	2017/05
GlobalProtect Clientless VPN Last checked: 2017/05/02 06:54:49 PDT Schedule: None					
62-70	panup-all-gp-62-70	GlobalProtectClie...	Full	68 KB	2017/04
GlobalProtect Data File Schedule: None					
WildFire Last checked: 2017/05/02 06:56:06 PDT Schedule: None					
136345-137789	panupv2-all-wildfire-136345-137789	PAN-OS 7.1 and later	Full	6 MB	2017/05
136344-137788	panupv2-all-wildfire-136344-137788	PAN-OS 7.1 and later	Full	6 MB	2017/05

At the bottom of the interface, there are buttons for 'Check Now', 'Upload', and 'Install From File'.

