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Assignment 14 - PANEDU 13 - Active/Passive High Availability (Lab and Quiz)

1. Section 1.1, Step 3

The screenshot shows the Palo Alto Networks Panorama GUI. The top navigation bar includes 'MyNETLAB', 'PAN 9 Firewall Essentials POD 2', 'Reservation 69289', and 'Lab 13: Active/Passive High Availability'. The main content area is titled 'High Availability' and shows 'HA not enabled'. The 'General Information' tab is selected, displaying details for the device 'firewall-a'. The 'System Logs' tab is also visible, showing a list of system events.

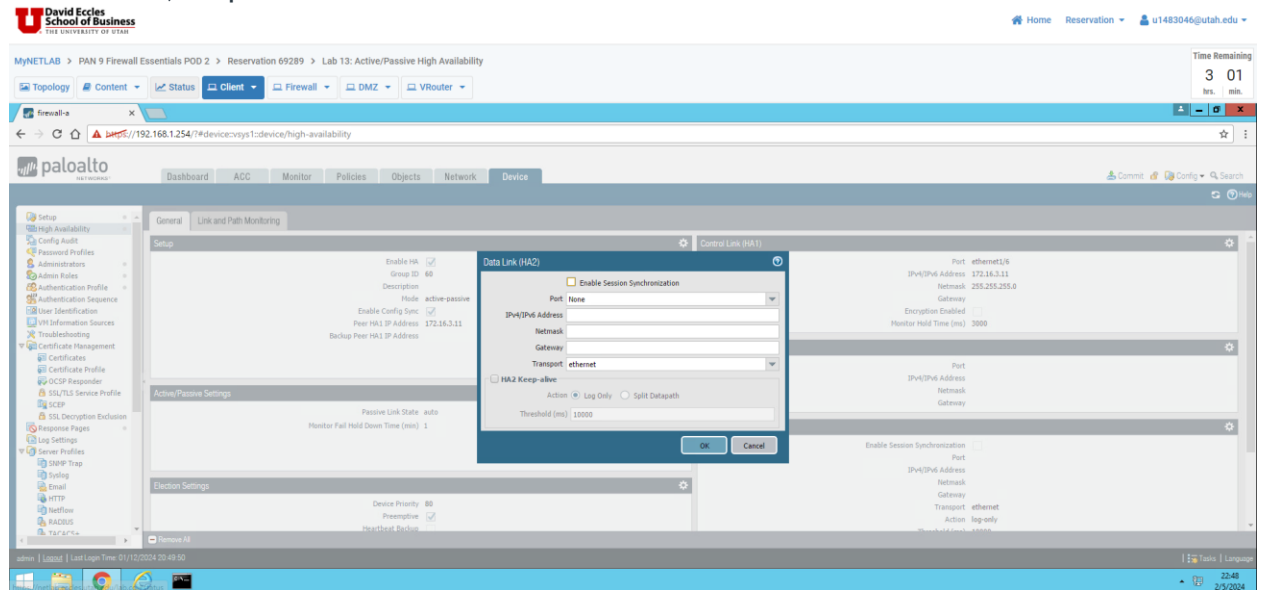
Device Name	firewall-a
Host IP Address	192.168.1.254
Host Network	255.255.255.0
Host Default Gateway	192.168.1.1
Host IPv6 Address	unknown
Host IPv6 Link Local Address	fe80::258:56ff:fe8a:7c76%4
Host IPv6 Default Gateway	unknown
Host MAC Address	00:50:56:8a:7c:78
Model	PA-VM
Serial #	03235100090803
CPU ID	ESX:AA606000FFB0B0F
UUID	422723F8-80CB-43AB-E2E5-45102A0E4755
VM License	VM-90
VM Host	VMware ESX
Software Version	9.0.1
GlobalProtect Agent	3.1.4
Application Version	6177-5588 (08/01/19)
Threat Version	6177-5588 (08/01/19)
Antivirus Version	3061-3573 (08/05/19)
WildFire Version	844834-940686 (02/05/24)

2. Section 1.2, Step 2

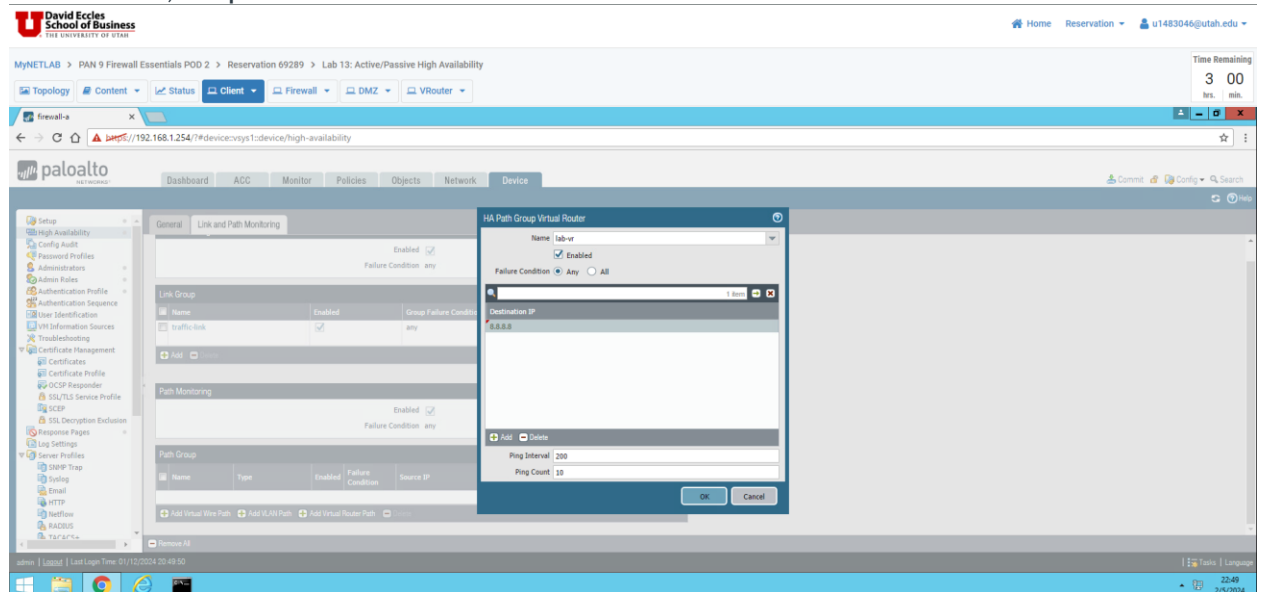
The screenshot shows the Palo Alto Networks Panorama GUI with the 'Network' tab selected. The 'Ethernet' sub-tab is active, displaying a list of interfaces. A modal window titled 'Ethernet Interface' is open, showing the configuration for 'ethernet1/1'. The 'Interface Name' is 'ethernet1/1', the 'Interface Type' is 'Tap', and the 'Assign Interface To' is 'None'. The 'Config' tab is selected within the modal.

Interface	Interface Type	Management Profile
ethernet1/1	Layer3	ping-response-ping
ethernet1/2	Layer3	dmz
ethernet1/2.2	Layer3	dmz
ethernet1/3	Virtual Wire	
ethernet1/4	Virtual Wire	
ethernet1/5		
ethernet1/6		
ethernet1/7		
ethernet1/8		
ethernet1/9		

3. Section 1.3, Step 11



4. Section 1.4, Step 9



5. Section 1.5, Step 1

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MyNETLAB > PAN 9 Firewall Essentials POD 2 > Reservation 69289 > Lab 13: Active/Passive High Availability

Time Remaining: 2 hrs, 57 min

Topology Content Status Client Firewall DMZ VRouter

Firewall-a

192.168.1.254/?#dashboard:sys1

paloalto NETWORKS

Dashboard ACC Monitor Policies Objects Network Device

5 min

High Availability

Mode: Local (Active-passive), Peer (Active), Running Config (Unknown), App Version (Unknown), Threat Version (Unknown), Antivirus Version (Unknown), PAN-OS Version (Unknown), GlobalProtect Version (Unknown), HA1 (Down), Plugin ver_xxxxx (Unknown)

General Information

Device Name: Firewall-a
MGT IP Address: 192.168.3.254
MGT Network: 255.255.255.0
MGT Default Gateway: 192.168.1.1
MGT IPv6 Address: unknown
MGT IPv6 Link Local Address: fe80::250:5a8f:f6ba:7c7b%4
MGT IPv6 Default Gateway: 00:50:56:8a:7c:7b
MGT MAC Address: 98-594
Model: PA-50H
Serial #: 2121111000000001

Logged In Admins

Admin	From	Client	Session Start	Idle For
admin	192.168.1.20	Web	02/05 22:44:00	00:00:00s

Data Logs

No data available.

System Logs

Description	Time
IKE phase-2 negotiation failed when processing proxy ID, cannot find matching phase-2 tunnel for received proxy ID, received local id: 171.16.2.0/24 type IPv4_subnet protocol 0 port 5, received remote id: 171.16.2.0/24 type IPv4_subnet protocol 0 port 5.	02/05 22:51:52
IKE phase-2 negotiation is started as responder, quick mode, Initiated SA: 192.168.50.1[500]-192.168.50.1[500] message id=0af2081105.	02/05 22:51:51
Commit job succeeded. Completion time=02/05 22:51:53. JobId=23. User=admin	02/05 22:51:49
Config installed	02/05 22:51:47
Fire HA sync started when local device becomes master.	02/05 22:51:47
RASTMP daemon configuration load phase-2 succeeded.	02/05 22:51:47
SQLMPD daemon configuration load phase-2 succeeded.	02/05 22:51:47
SATD daemon configuration load phase-2 succeeded.	02/05 22:51:47
IXE daemon configuration load phase-2 succeeded.	02/05 22:51:47
Route daemon configuration load phase-2 succeeded.	02/05 22:51:47

Config Logs

Command	Path	Admin	Time
commit		admin	02/05 22:51:41
set	deviceconfig high-availability interface ha1	admin	02/05 22:51:38
commit		admin	02/05 22:50:41
add	deviceconfig high-availability group monitoring path-monitoring path-group virtual-master	admin	02/05 22:50:05
set	deviceconfig high-availability group monitoring link-monitoring link-group traffic-link	admin	02/05 22:49:16
set	deviceconfig high-availability group state-synchronization	admin	02/05 22:48:13
set	deviceconfig high-availability interface ha1	admin	02/05 22:47:59
set	deviceconfig high-availability group	admin	02/05 22:47:53
set	deviceconfig high-availability group	admin	02/05 22:47:33

Locks

No locks found

admin | Logout | Last Login Time 01/12/2024 20:49:50

active | Tools | Language

22:52 3/5/2024