Configuring a VPN Server with pfSense (3e)

Network Security, Firewalls, and VPNs, Third Edition - Lab 08

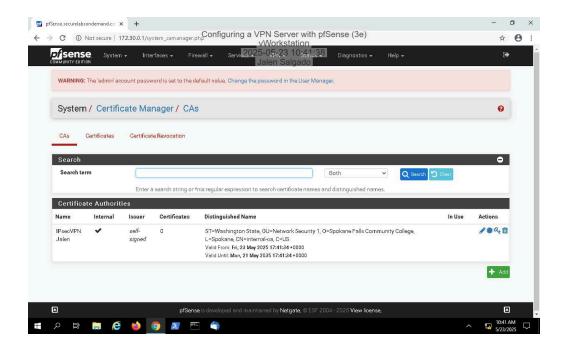
| Student: | Email: |
|--------------------|------------------------|
| Jalen Salgado | jsalgado1915@gmail.com |
| | |
| Time on Task: | Progress: |
| 1 hour, 54 minutes | 100% |
| | |

Section 1: Hands-On Demonstration

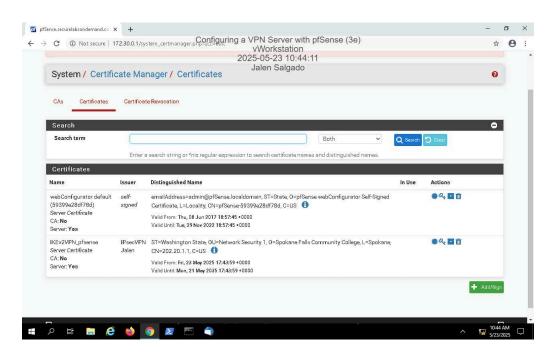
Part 1: Configure an IPsec VPN Server

18. Make a screen capture showing the updated Certificate Authorities table.

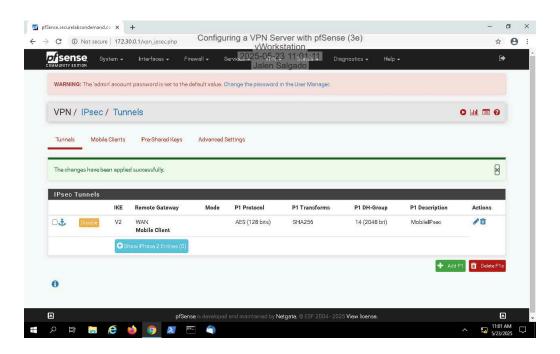
Report Generated: Saturday, July 26, 2025 at 2:12 PM



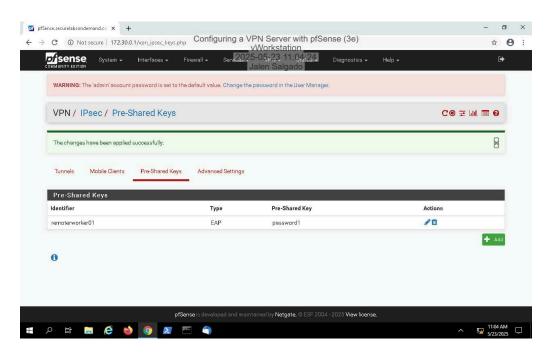
32. Make a screen capture showing the updated Certificates table.



56. Make a screen capture showing the updated IPsec Tunnels table.

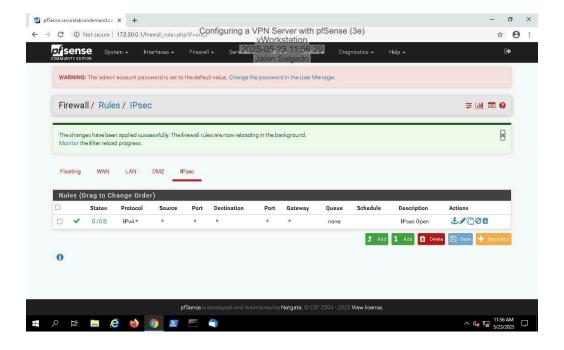


74. Make a screen capture showing the updated Pre-Shared Keys table.



Part 2: Configure a Firewall Rule for VPN Traffic

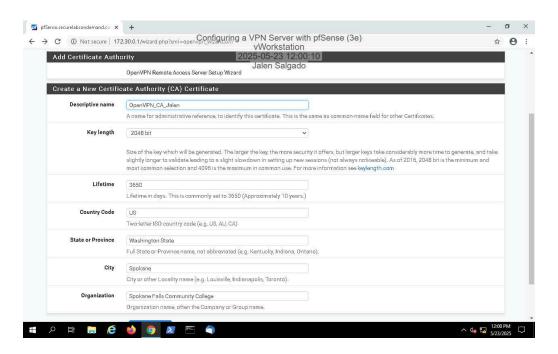
9. Make a screen capture showing the updated IPsec Rules table.



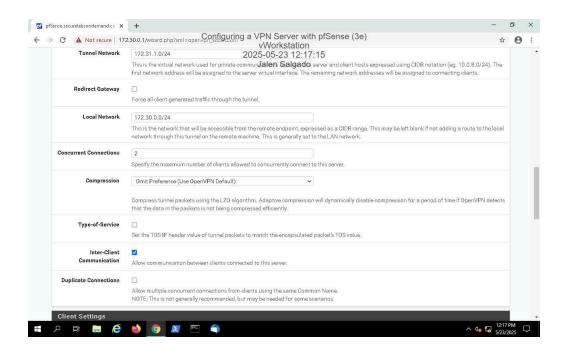
Section 2: Applied Learning

Part 1: Configure an OpenVPN VPN Server

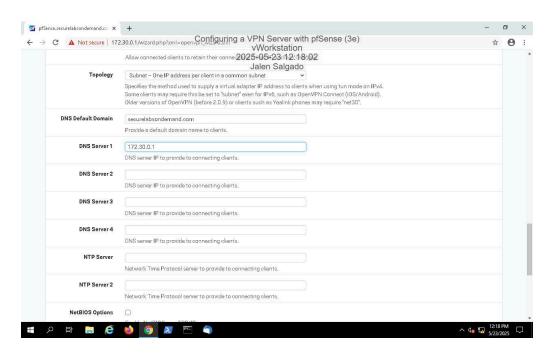
13. Make a screen capture showing the CA configuration form.



27. Make a screen capture showing the Tunnel Settings section.

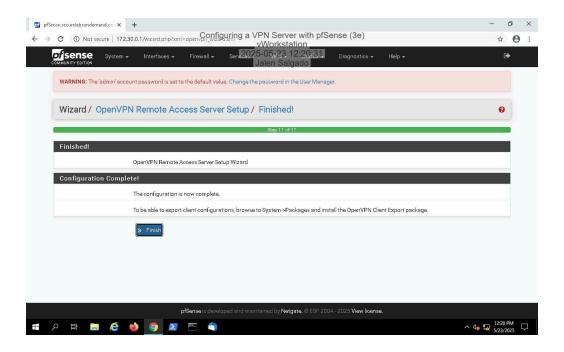


30. Make a screen capture showing the Client Settings section.



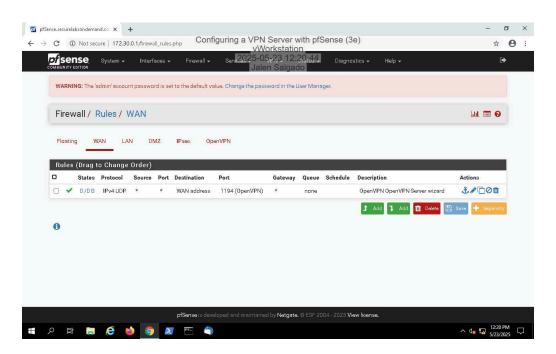
Part 2: Configure a Firewall Rule for VPN Traffic

2. Make a screen capture showing the completed OpenVPN configuration.

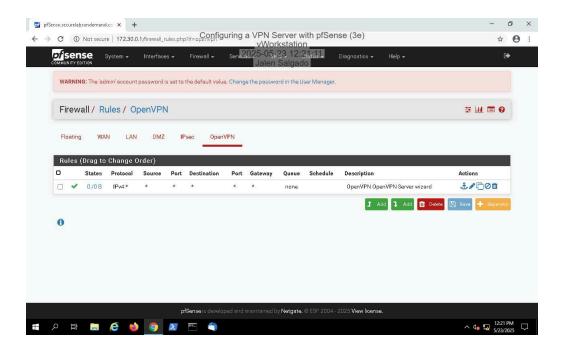


Network Security, Firewalls, and VPNs, Third Edition - Lab 08

5. Make a screen capture showing the OpenVPN rule on the WAN Rules table.



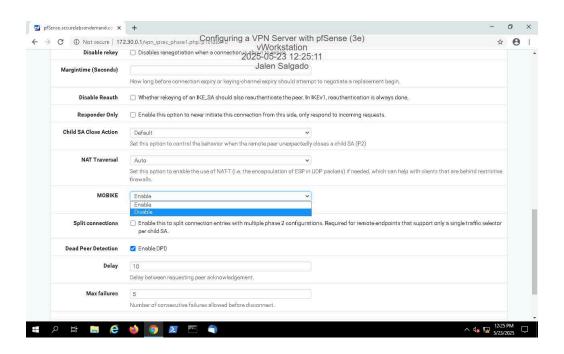
7. Make a screen capture showing the OpenVPN rule on the OpenVPN Rules table.



Section 3: Challenge and Analysis

Part 1: Enable IP Roaming for Remote VPN Clients

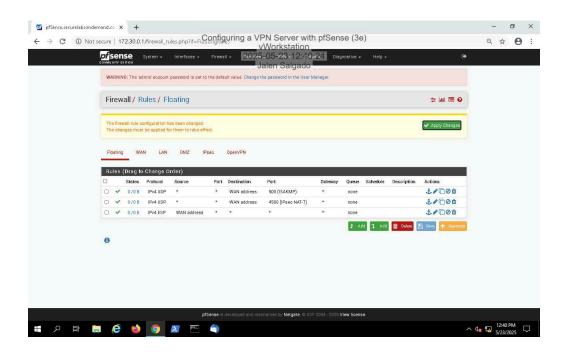
Make a screen capture showing the enabled MOBIKE option in the IPsec tunnel configuration.



Part 2: Create Explicit Firewall Rules for an IPsec VPN

Network Security, Firewalls, and VPNs, Third Edition - Lab 08

Make a screen capture showing the disabled automatic IPsec rule creation option.



Make a screen capture showing your firewall rules that permit IPsec traffic.

