Configuring a VPN Server with pfSense (3e)

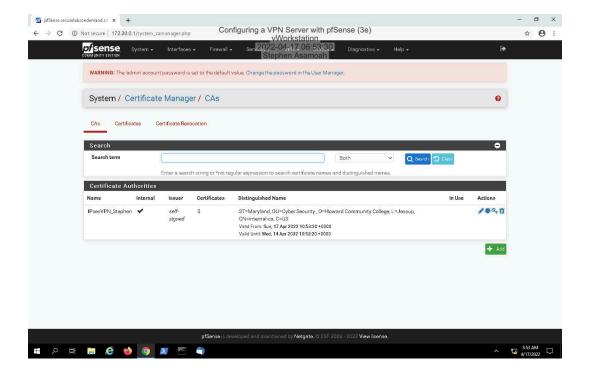
Network Security, Firewalls, and VPNs, Third Edition - Lab 08

Student:		Email:
Stephen Asamoah		stephen.asamoah@howardcc.edu
Time on Task:		Progress:
1 hour, 12 minutes		100%
Report Generated: Sunday, April 17, 2022 at 8:01 AM		

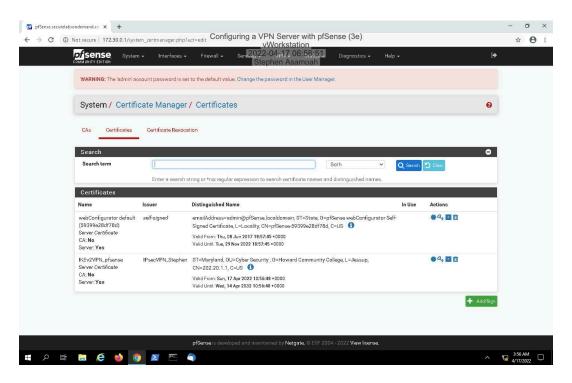
Section 1: Hands-On Demonstration

Part 1: Configure an IPsec VPN Server

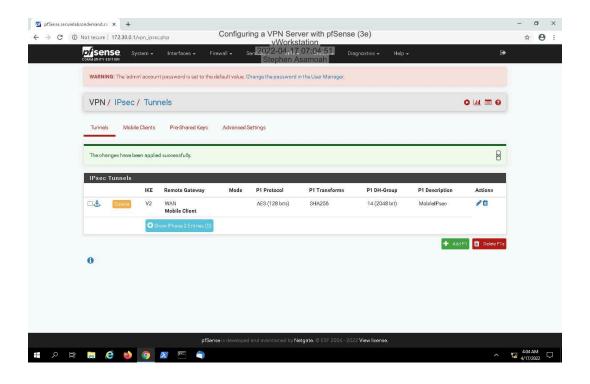
18. Make a screen capture showing the updated Certificate Authorities table.



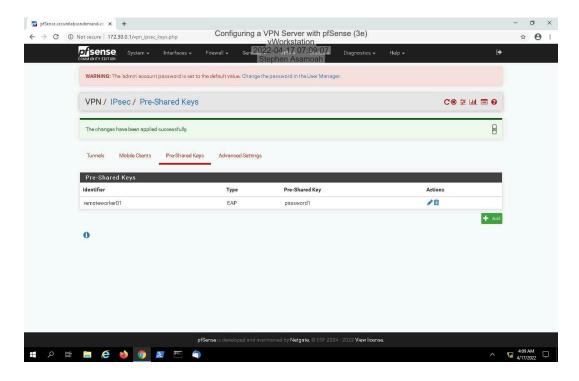
32. Make a screen capture showing the updated Certificates table.



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

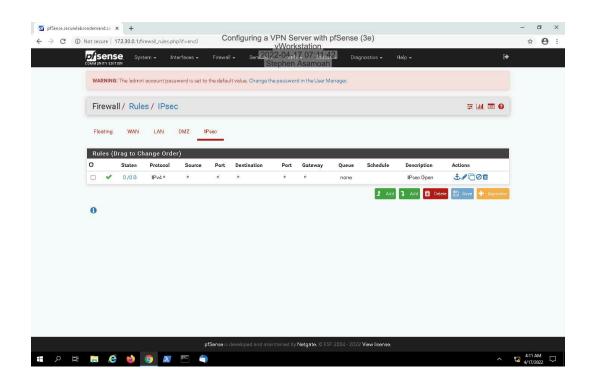


74. Make a screen capture showing the updated Pre-Shared Keys table.



Part 2: Configure a Firewall Rule for VPN Traffic

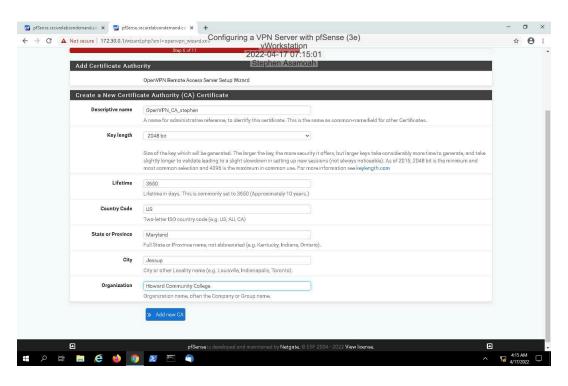
9. Make a screen capture showing the updated IPsec Rules table.



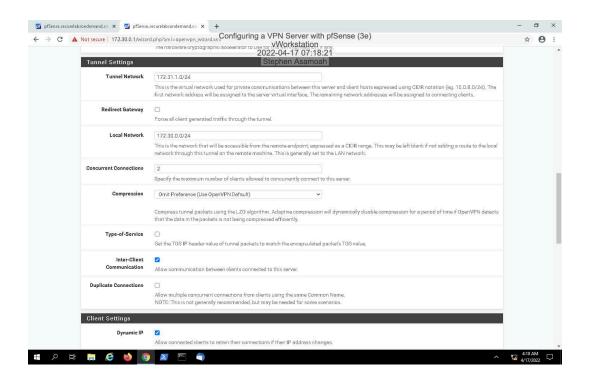
Section 2: Applied Learning

Part 1: Configure an OpenVPN VPN Server

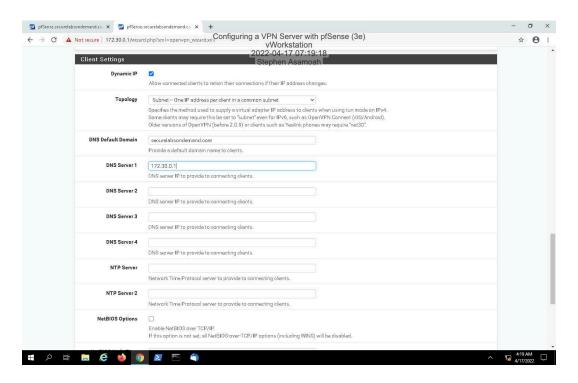
13. Make a screen capture showing the CA configuration form.



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

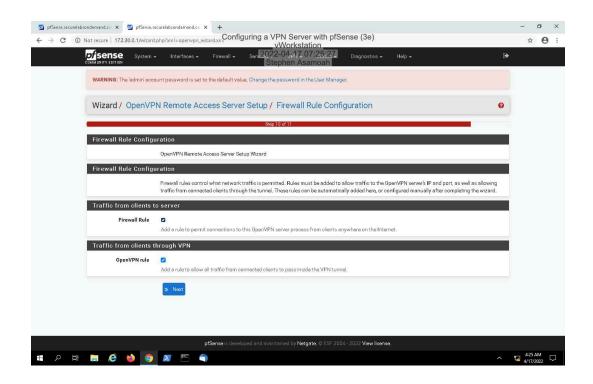


30. Make a screen capture showing the Client Settings section.



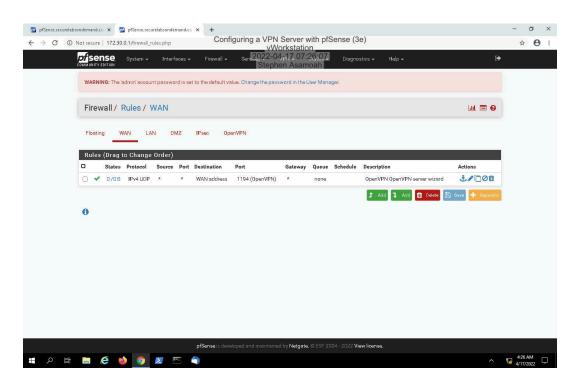
Part 2: Configure a Firewall Rule for VPN Traffic

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

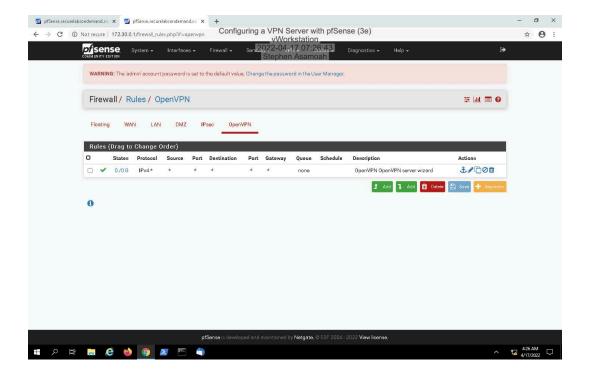


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5. Make a screen capture showing the OpenVPN rule on the WAN Rules table.



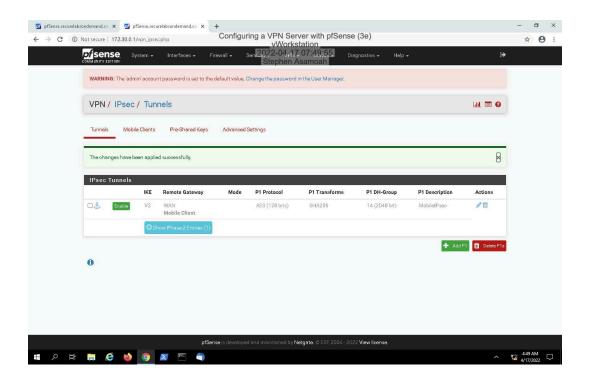
7. Make a screen capture showing the OpenVPN rule on the OpenVPN Rules table.



Section 3: Challenge and Analysis

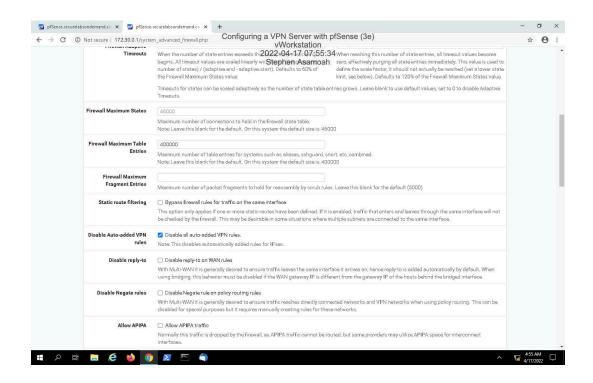
Part 1: Enable IP Roaming for Remote VPN Clients

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



Part 2: Create Explicit Firewall Rules for an IPsec VPN

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



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

