Configuring Firewall Interfaces with pfSense (3e)

Network Security, Firewalls, and VPNs, Third Edition - Lab 05

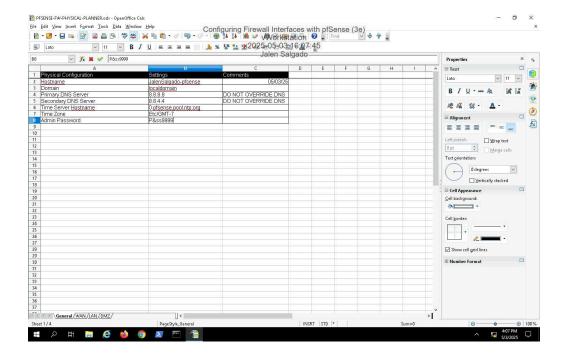
Student:	Email:
Student.	Liliali.
Jalen Salgado	jsalgado1915@gmail.com
Time on Task:	Progress:
1 hour, 12 minutes	100%

Report Generated: Saturday, July 26, 2025 at 2:11 PM

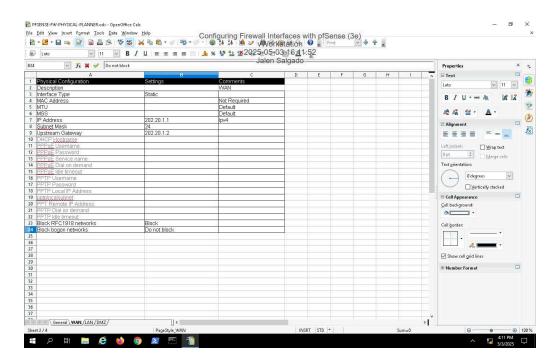
Section 1: Hands-On Demonstration

Part 1: Plan the Physical Configuration of the Firewall

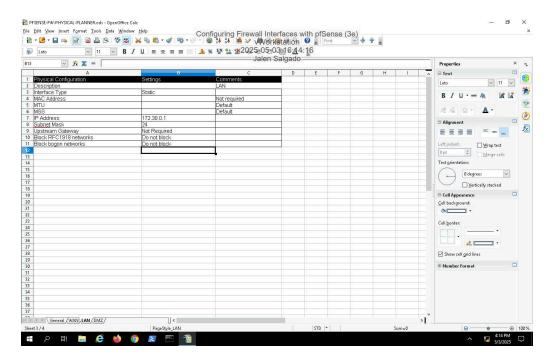
10. Make a screen capture showing the completed General tab of the Planner.



25. Make a screen capture showing the completed WAN tab of the Physical Configuration worksheet.



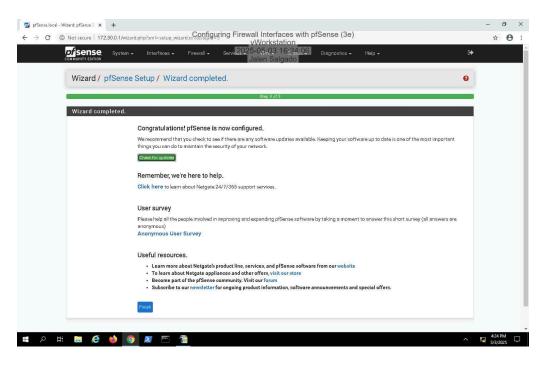
27. Make a screen capture showing the completed LAN tab of the Physical Configuration worksheet.



Part 2: Configure the LAN and WAN Firewall Interfaces

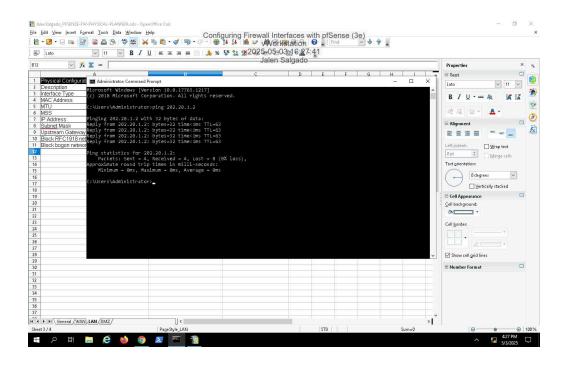
Network Security, Firewalls, and VPNs, Third Edition - Lab 05

36. Make a screen capture showing the LAN and WAN interfaces on the pfSense WebGUI dashboard.

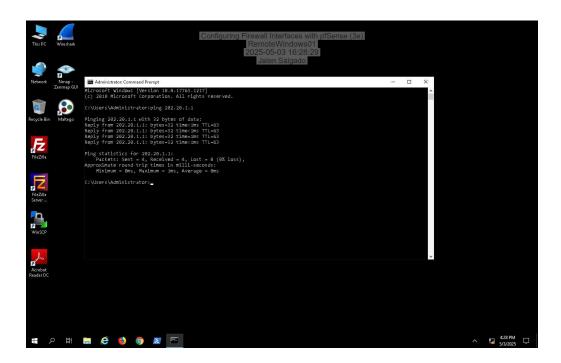


Part 3: Verify the Firewall Implementation

3. **Make a screen capture** showing the **successful ICMP request** to pfSense's upstream gateway.



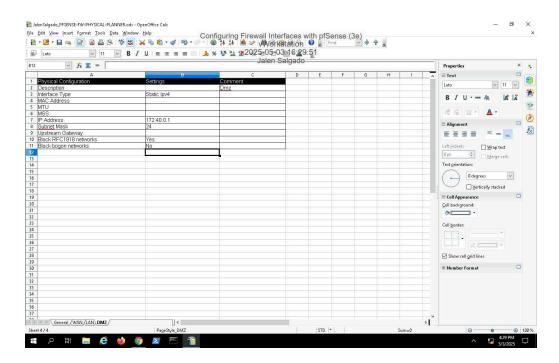
8. Make a screen capture showing the successful ICMP request to the pfSense WAN interface.



Section 2: Applied Learning

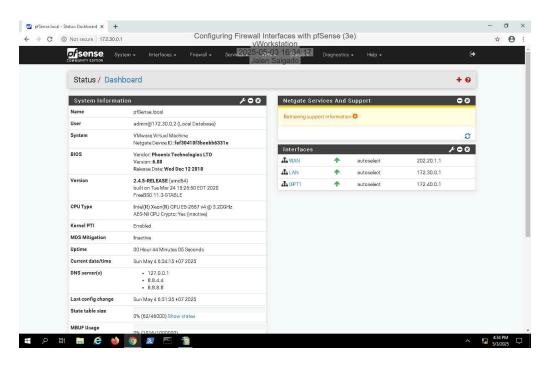
Part 1: Plan the Physical Configuration of the Firewall

4. Make a screen capture showing the completed DMZ tab of the Physical Configuration worksheet.



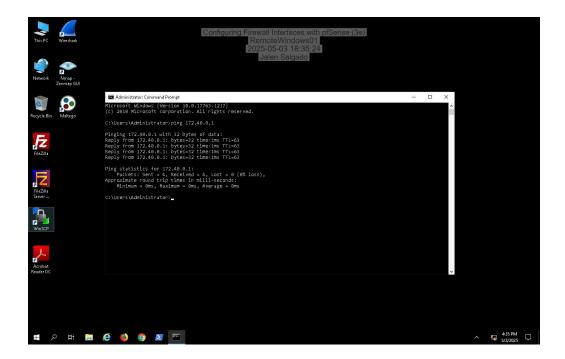
Part 2: Configure the DMZ Firewall Interface

9. Make a screen capture showing the DMZ interface on the pfSense WebGUI dashboard.

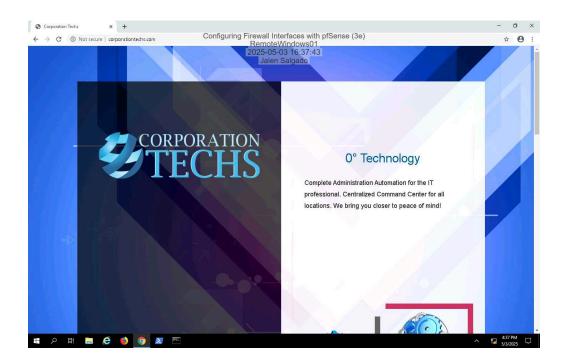


Part 3: Verify the Firewall Implementation

4. Make a screen capture showing the successful ICMP request to the DMZ interface.



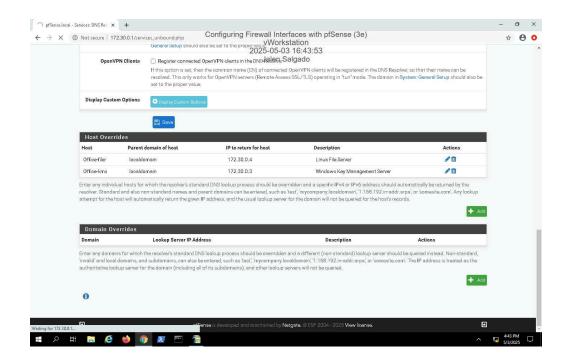
8. Make a screen capture showing the corporationtechs.com web page on the RemoteWindows01 machine.



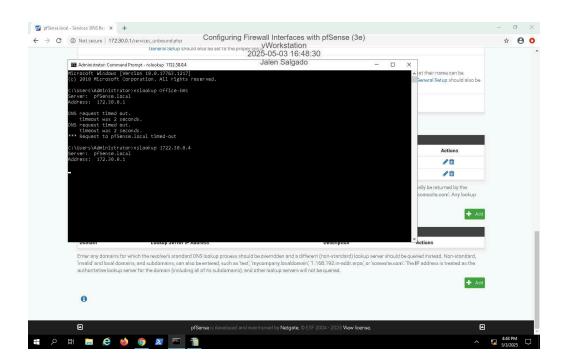
Section 3: Challenge and Analysis

Part 1: Configure and Test Split DNS on pfSense

Make a screen capture showing your Host Override entries in the DNS Resolver.

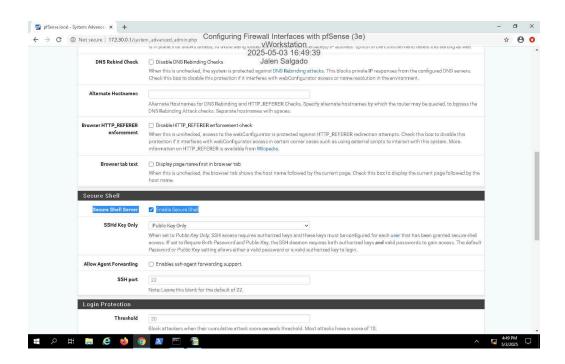


Make a screen capture showing a successful nslookup test for both DNS entries.



Part 2: Enable and Test Secure Shell Access on pfSense

Make a screen capture showing the enabled option for SSH access.



Make a screen capture showing your successful SSH connection.

