

Configuring Firewall Interfaces with pfSense (3e)

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

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Time on Task:

3 hours, 32 minutes

Progress:

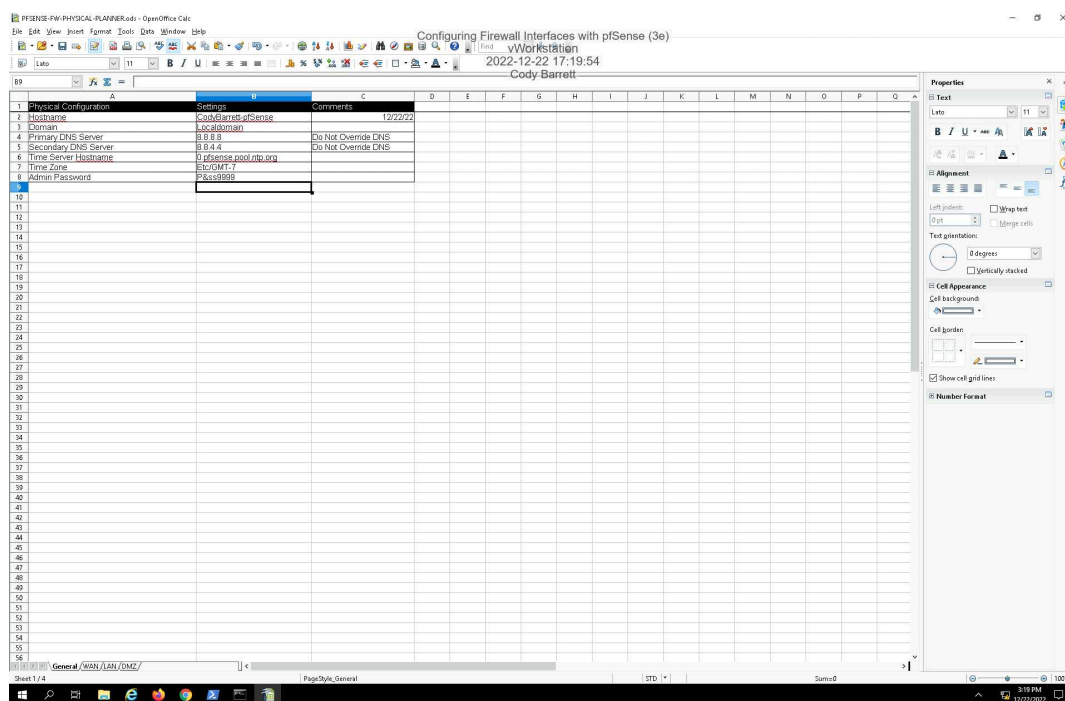
100%

Report Generated: Thursday, December 22, 2022 at 7:54 PM

Section 1: Hands-On Demonstration

Part 1: Plan the Physical Configuration of the Firewall

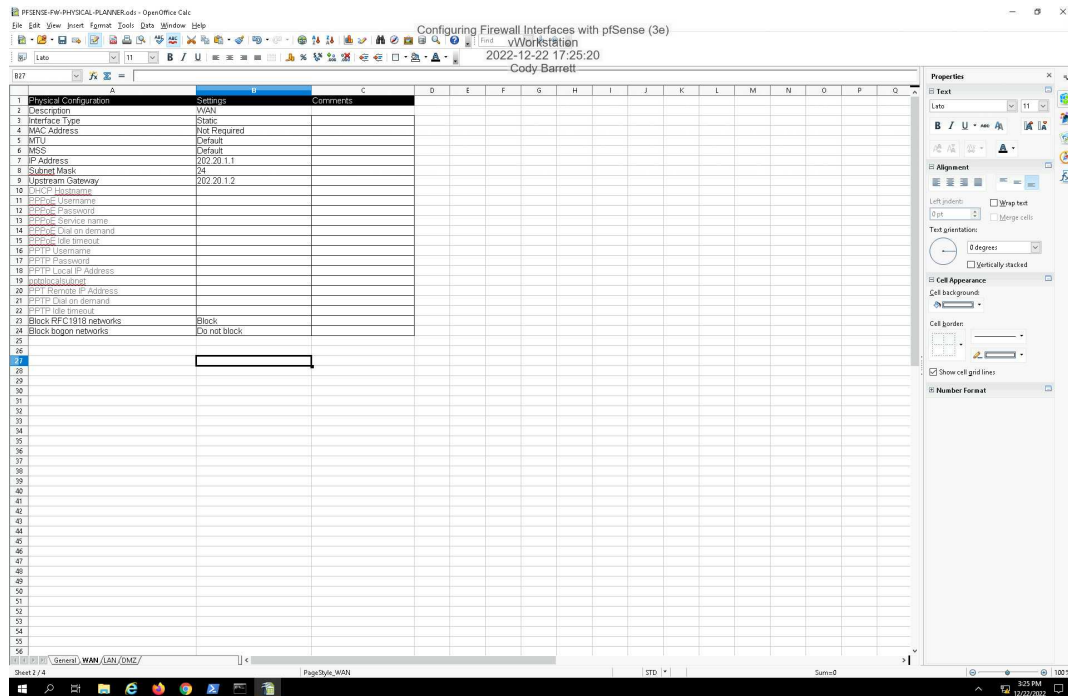
10. Make a screen capture showing the completed General tab of the Planner.



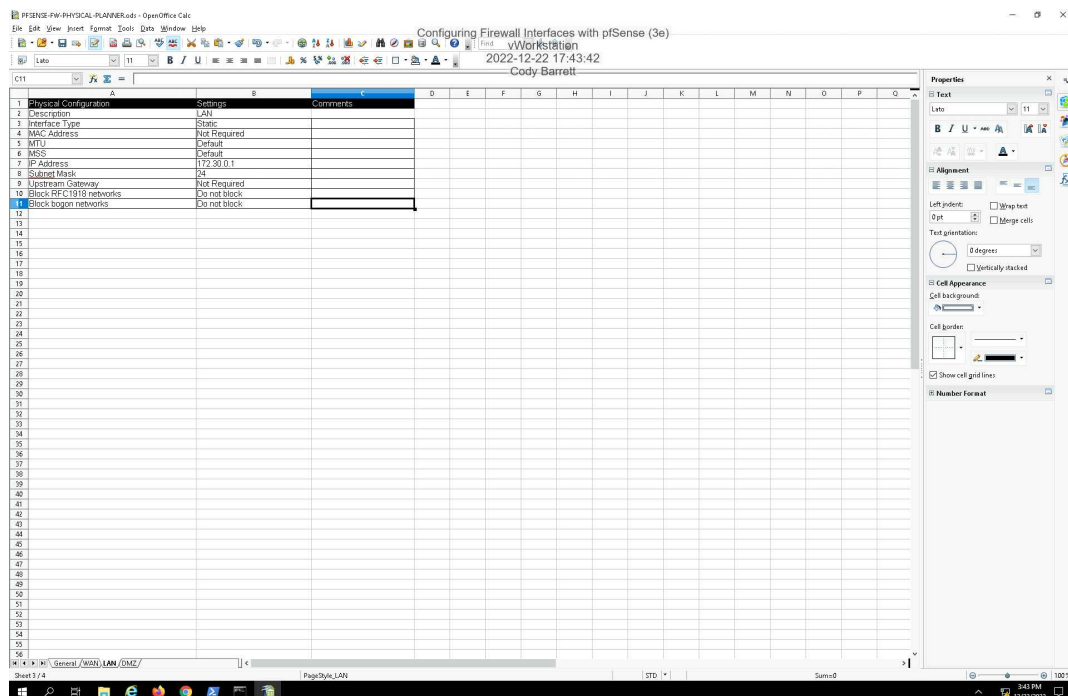
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25. Make a screen capture showing the **completed WAN tab** of the **Physical Configuration worksheet**.

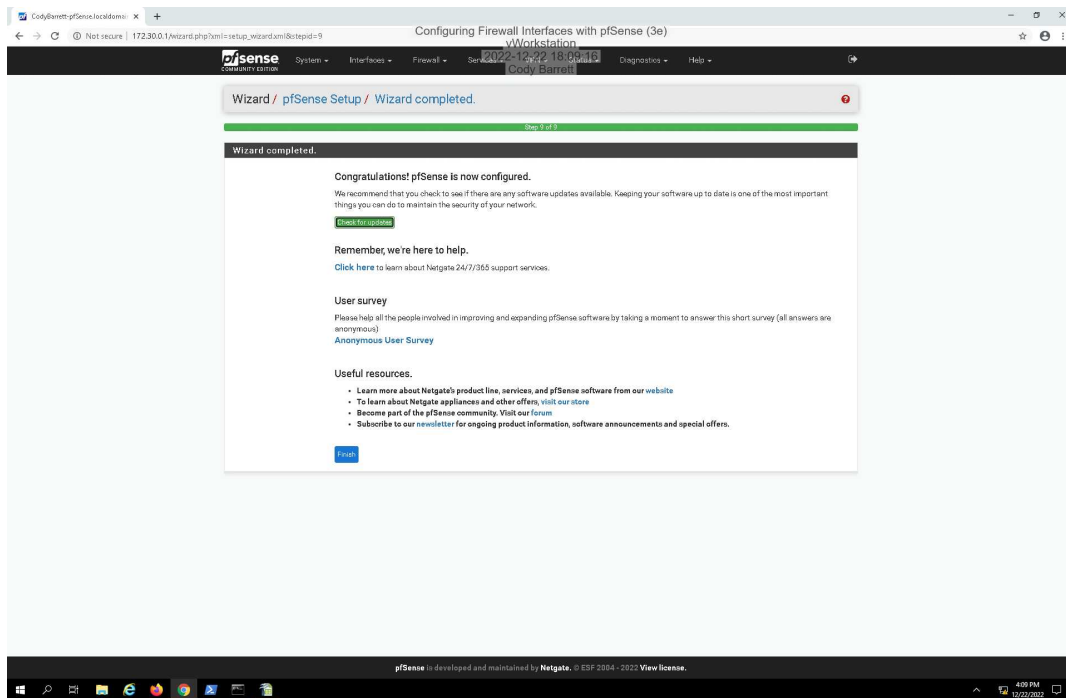


27. Make a screen capture showing the **completed LAN tab** of the **Physical Configuration worksheet**.



Part 2: Configure the LAN and WAN Firewall Interfaces

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

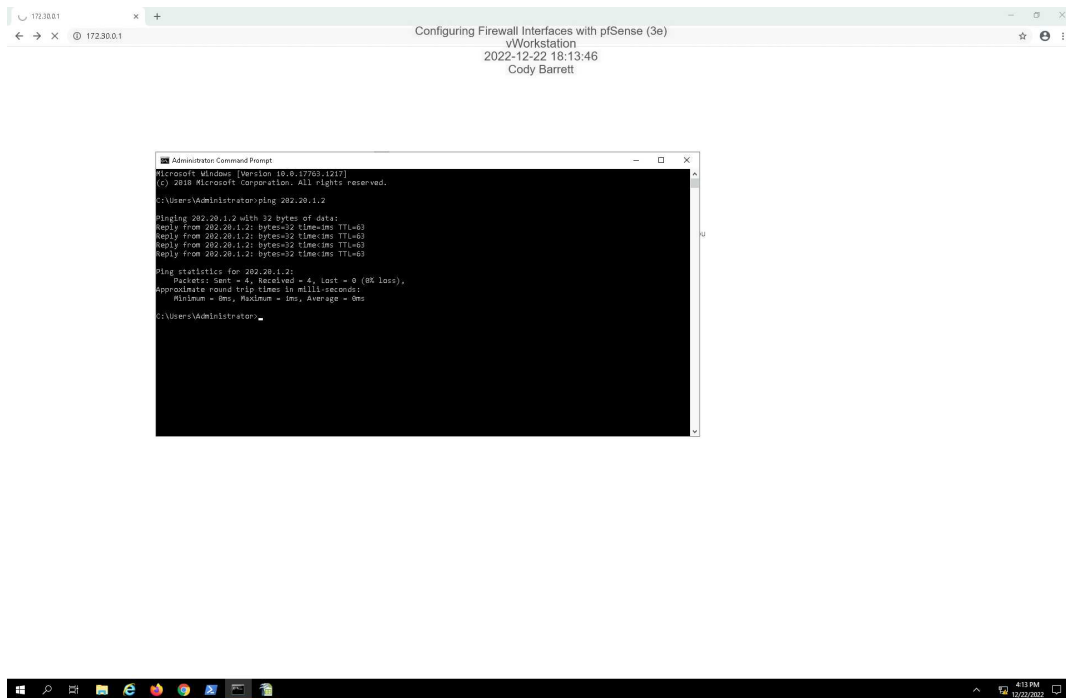


Part 3: Verify the Firewall Implementation

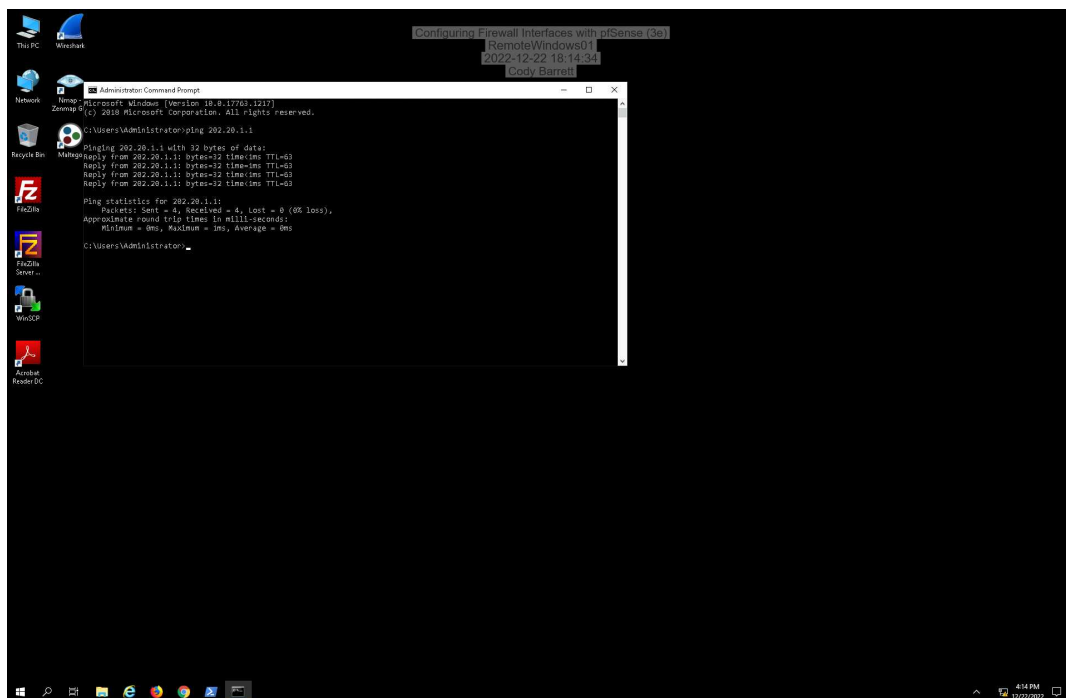
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3. Make a screen capture showing the **successful ICMP request** to pfSense's upstream gateway.



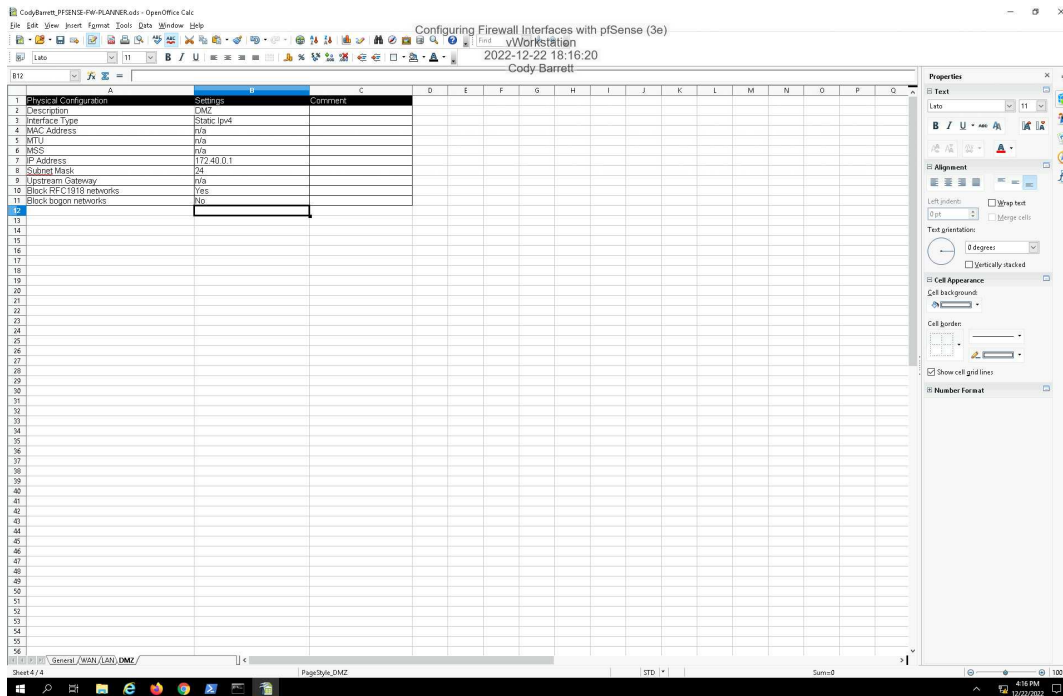
8. Make a screen capture showing the **successful ICMP request** to the pfSense WAN interface.



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.

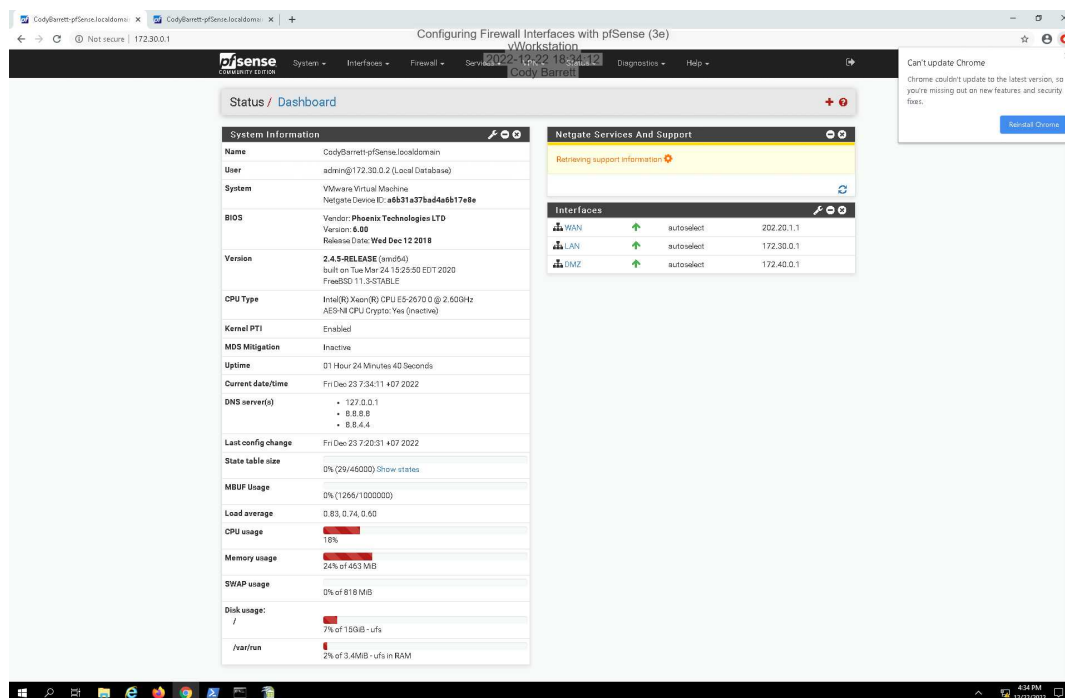


Part 2: Configure the DMZ Firewall Interface

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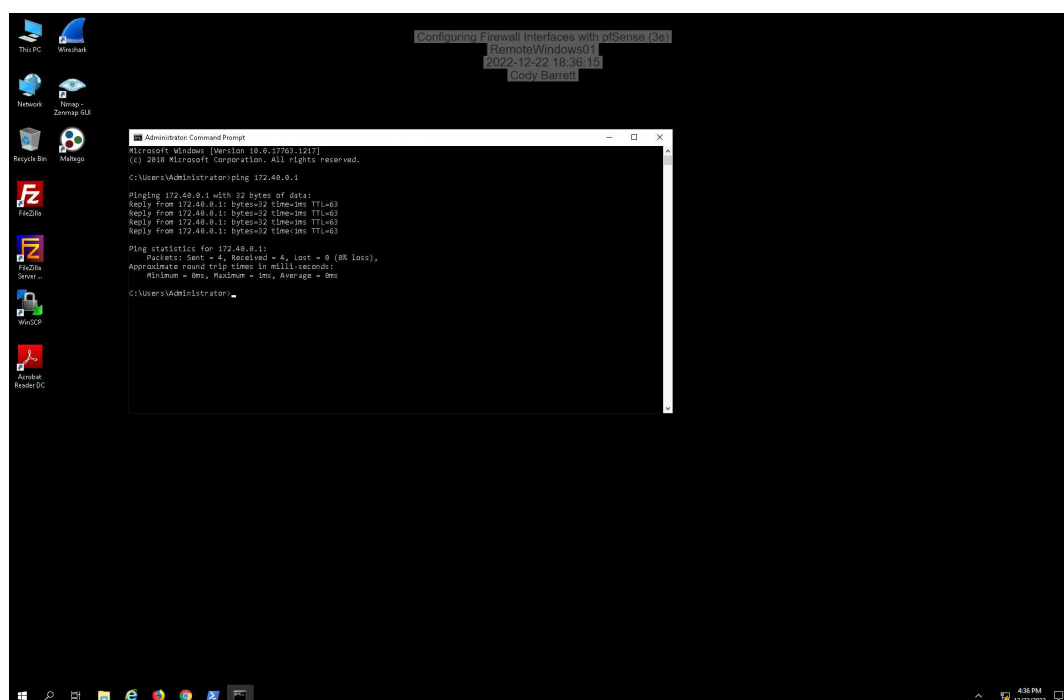
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9. Make a screen capture showing the **DMZ** interface on the pfSense WebGUI dashboard.



Part 3: Verify the Firewall Implementation

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



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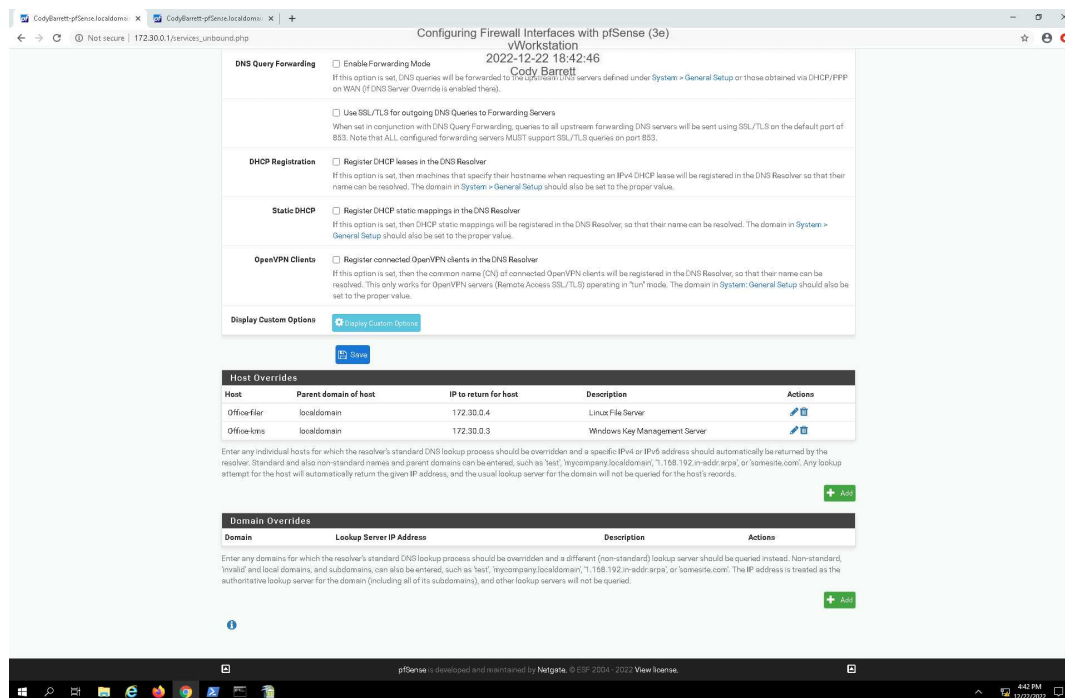
8. **Make a screen capture** showing the **corporationtechs.com** web page on the **RemoteWindows01** machine.



Section 3: Challenge and Analysis

Part 1: Configure and Test Split DNS on pfSense

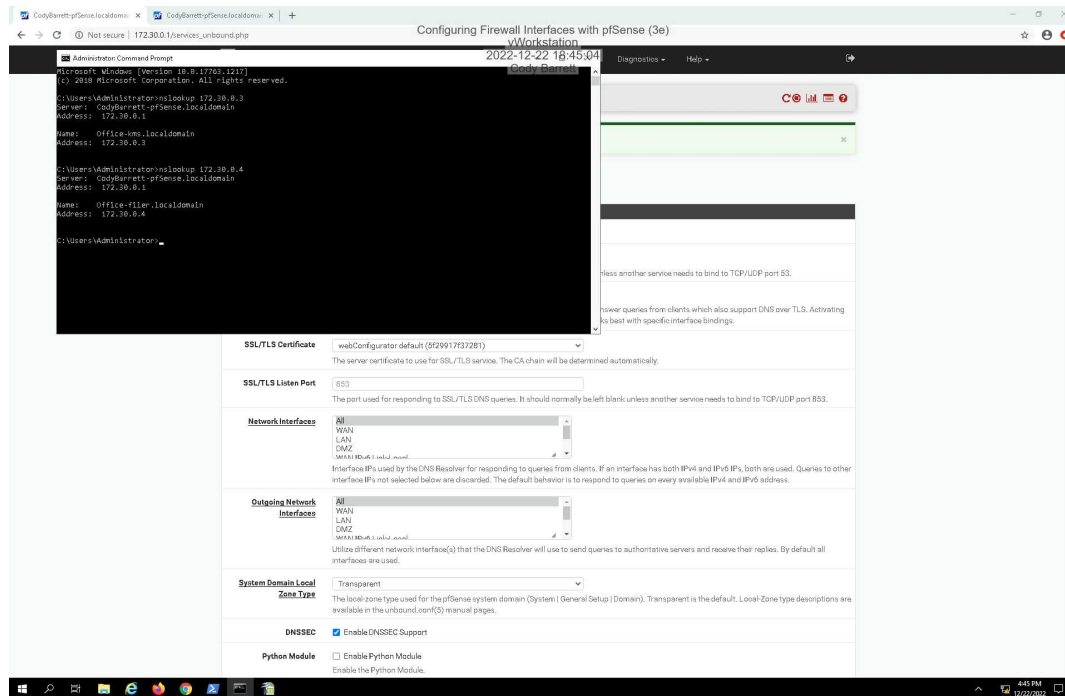
Make a screen capture showing your Host Override entries in the DNS Resolver.



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

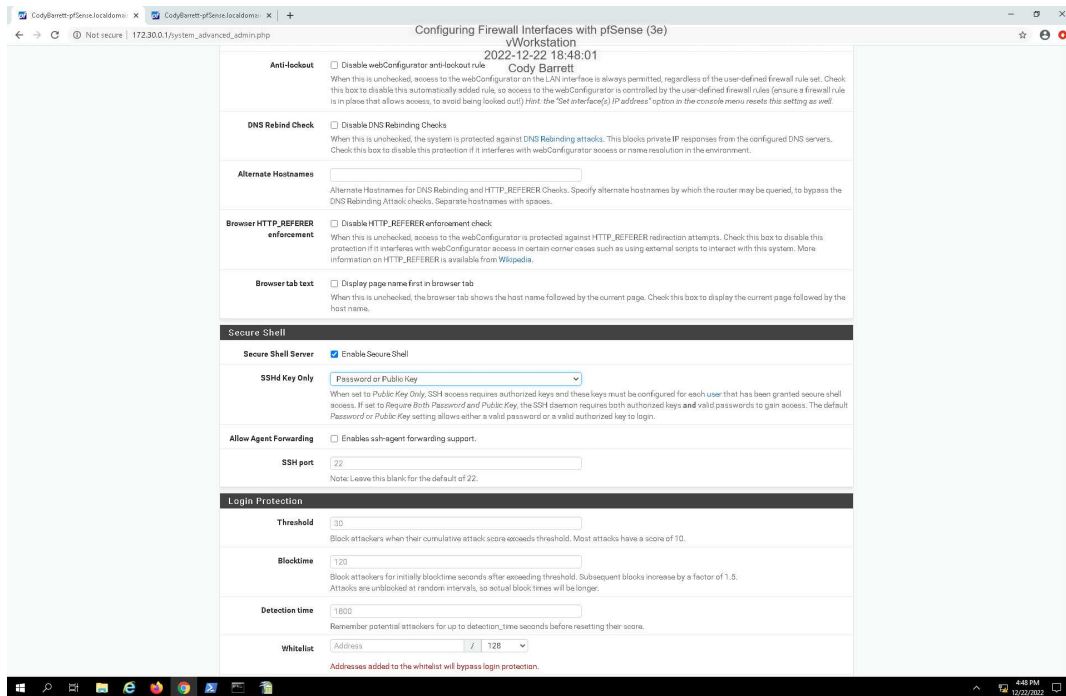


Part 2: Enable and Test Secure Shell Access on pfSense

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



Make a screen capture showing your successful SSH connection.

