

Configuring Firewall Interfaces with pfSense (3e)

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

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Time on Task:

5 hours, 6 minutes

Progress:

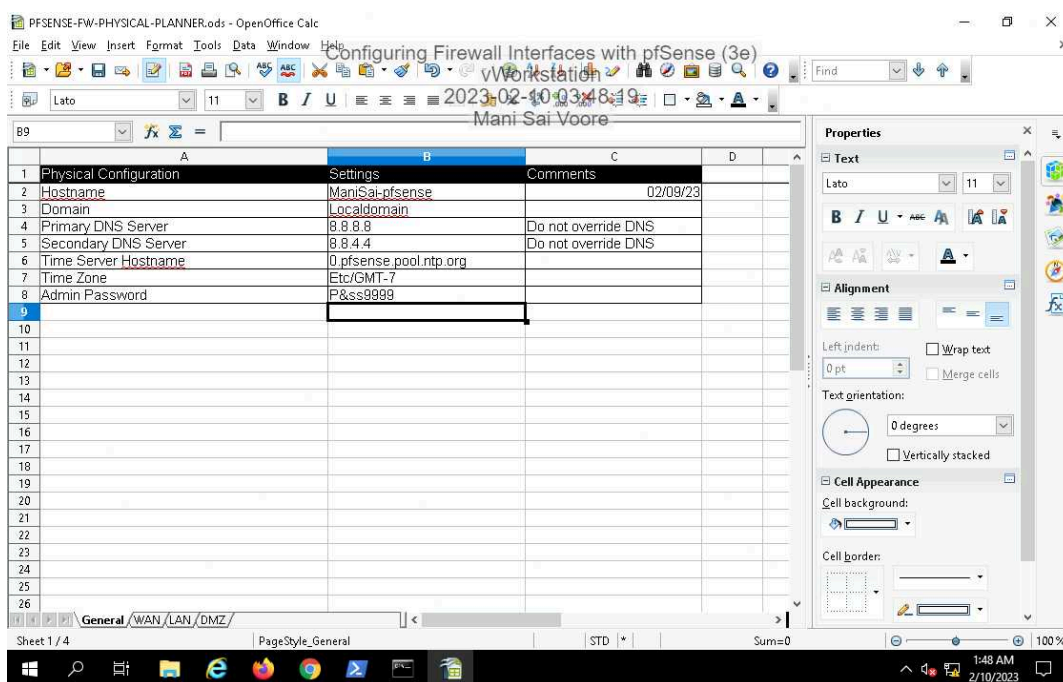
100%

Report Generated: Saturday, February 11, 2023 at 1:13 AM

Section 1: Hands-On Demonstration

Part 1: Plan the Physical Configuration of the Firewall

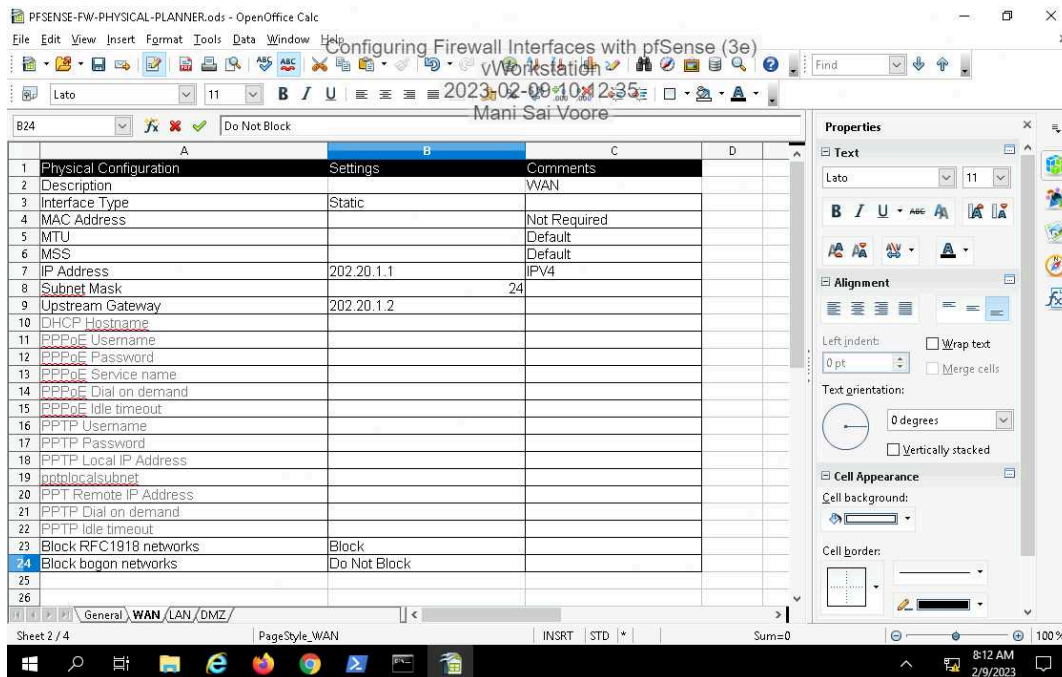
10. Make a screen capture showing the completed General tab of the Planner.



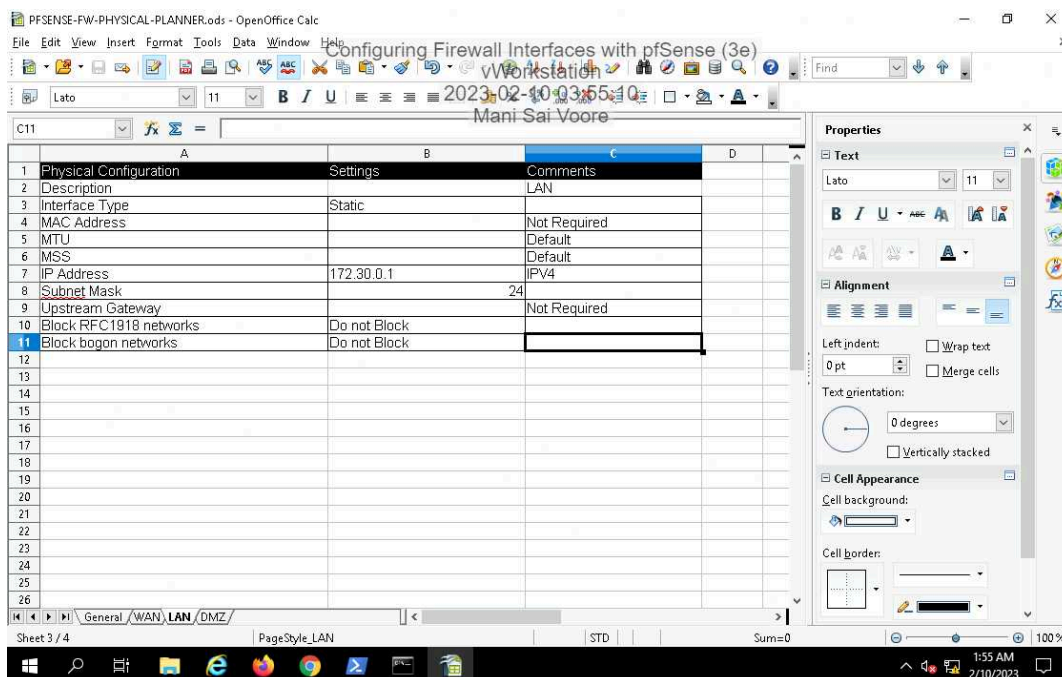
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25. Make a screen capture showing the completed WAN tab of the Physical Configuration worksheet.



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

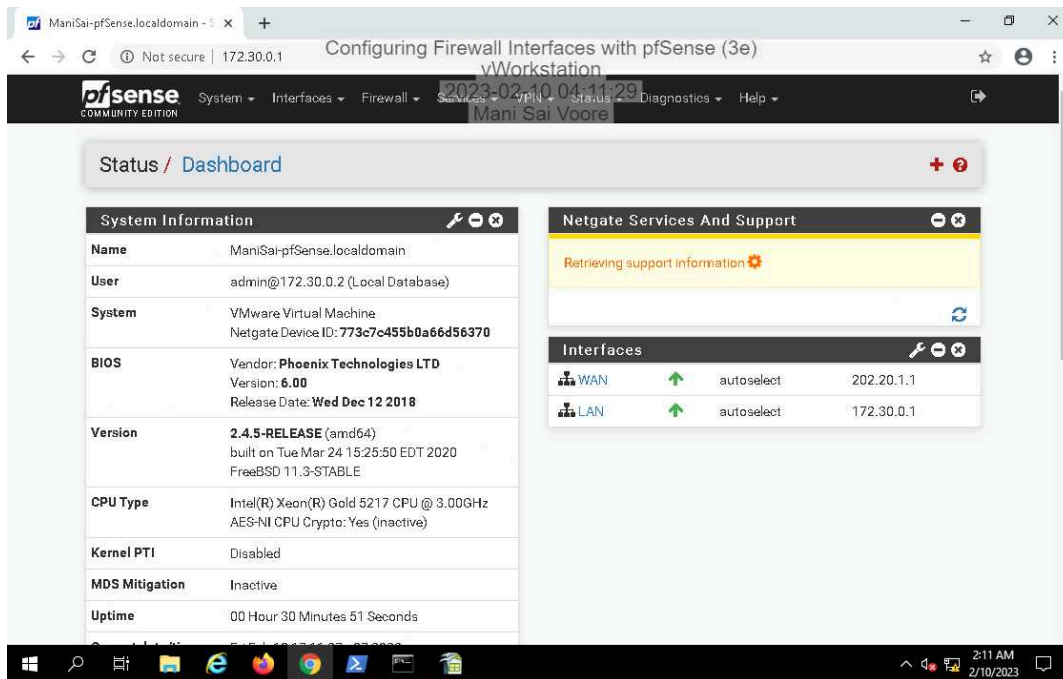


Part 2: Configure the LAN and WAN Firewall Interfaces

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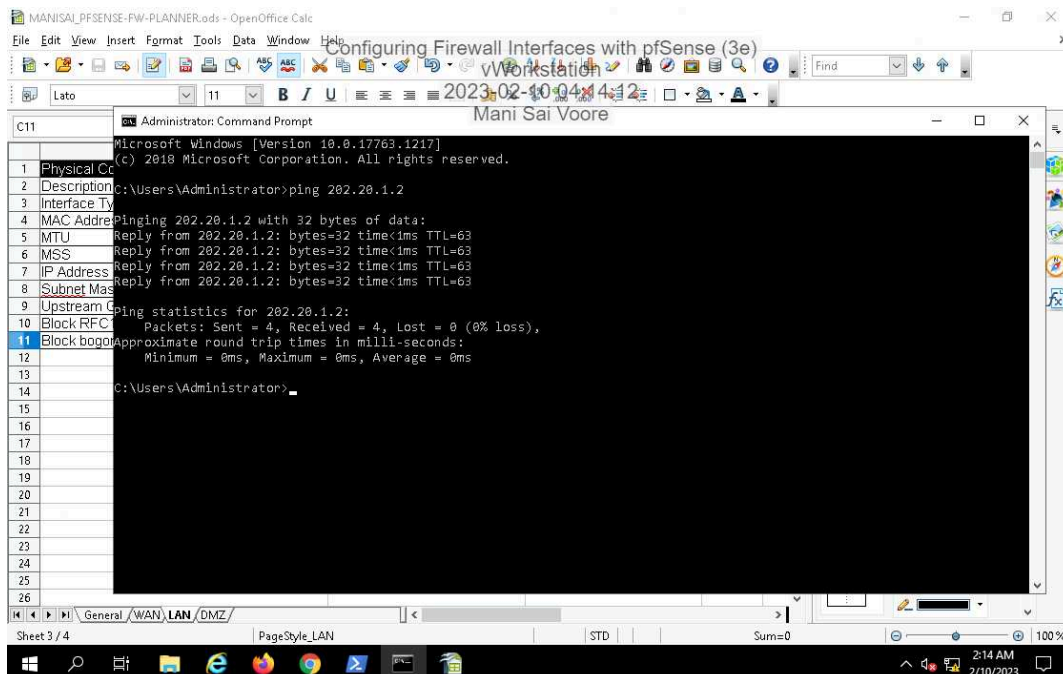
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36. Make a screen capture showing the LAN and WAN interfaces on the pfSense WebGUI dashboard.

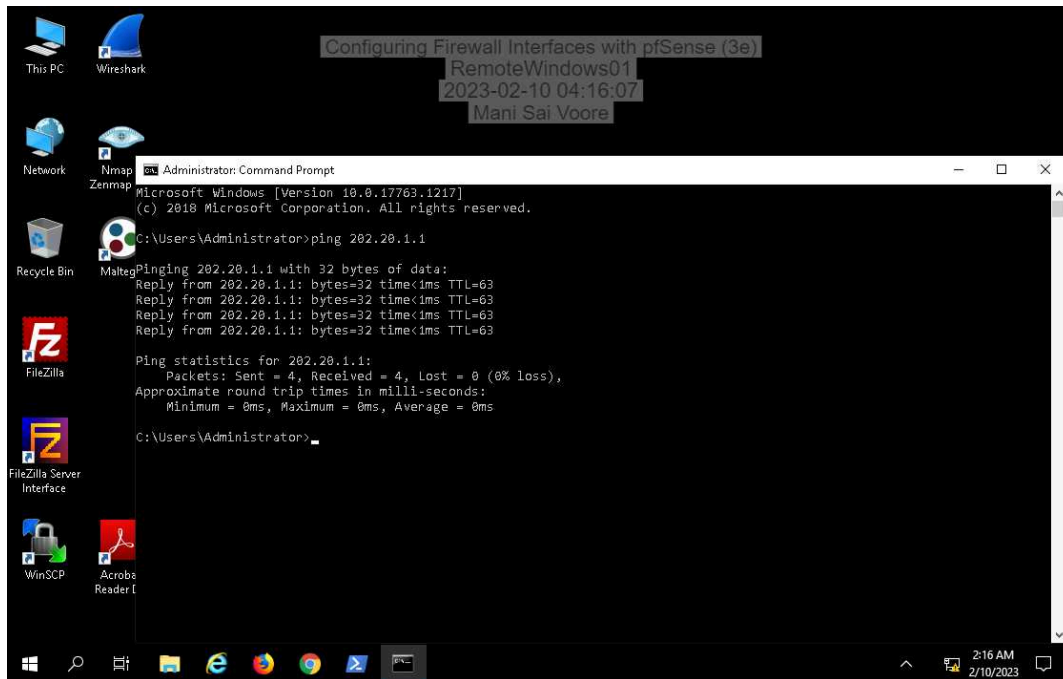


Part 3: Verify the Firewall Implementation

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



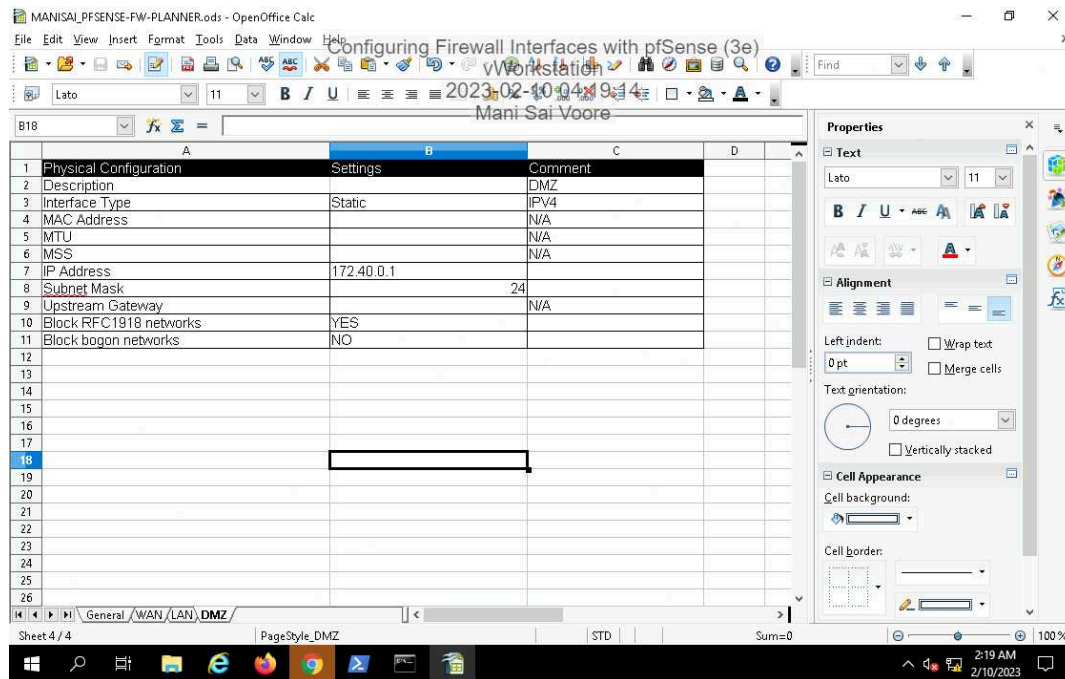
8. **Make a screen capture** showing the **successful ICMP request to the pfSense WAN interface**.



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**.

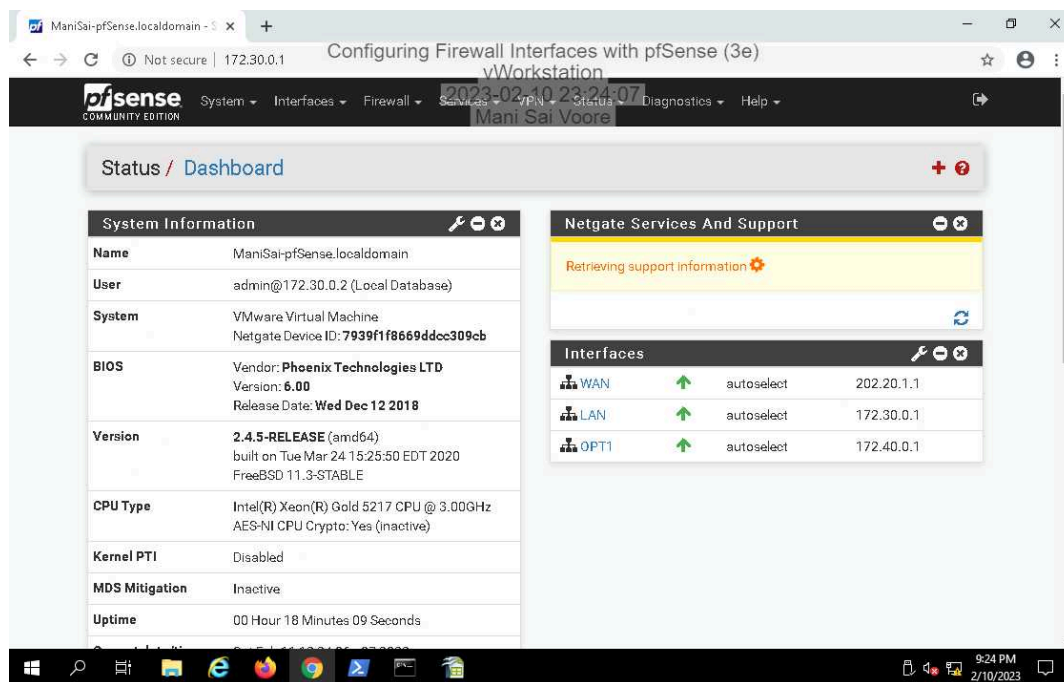


Part 2: Configure the DMZ Firewall Interface

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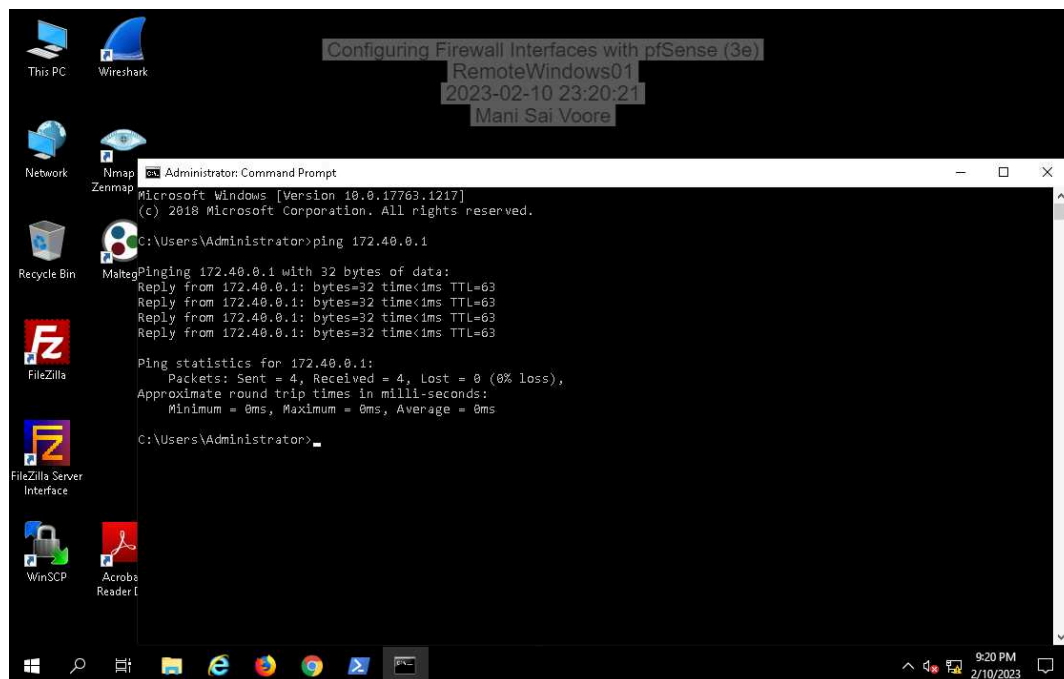
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9. Make a screen capture showing the **DMZ** interface on the pfSense WebGUI dashboard.

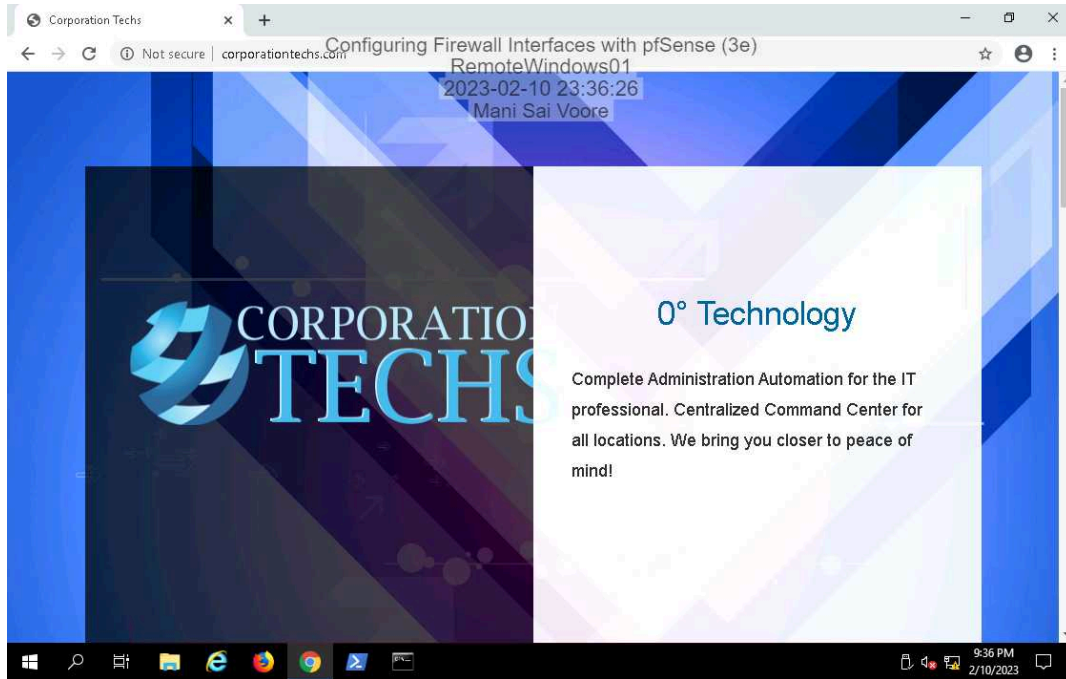


Part 3: Verify the Firewall Implementation

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



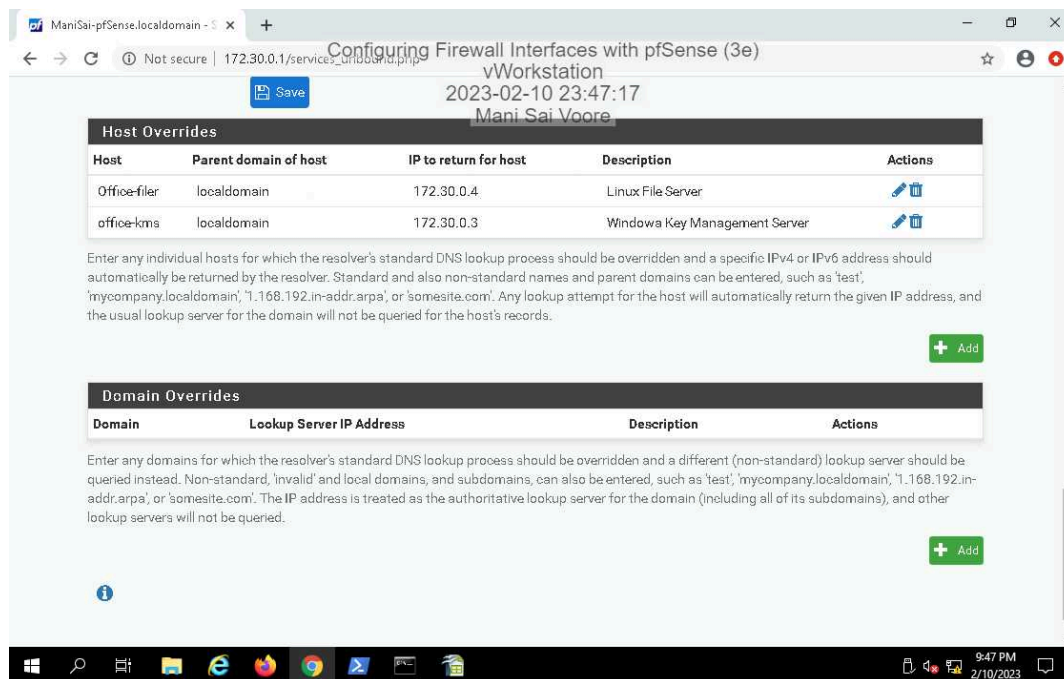
8. **Make a screen capture** showing the **corporationtechs.com** web page on the **RemoteWindows01** machine.



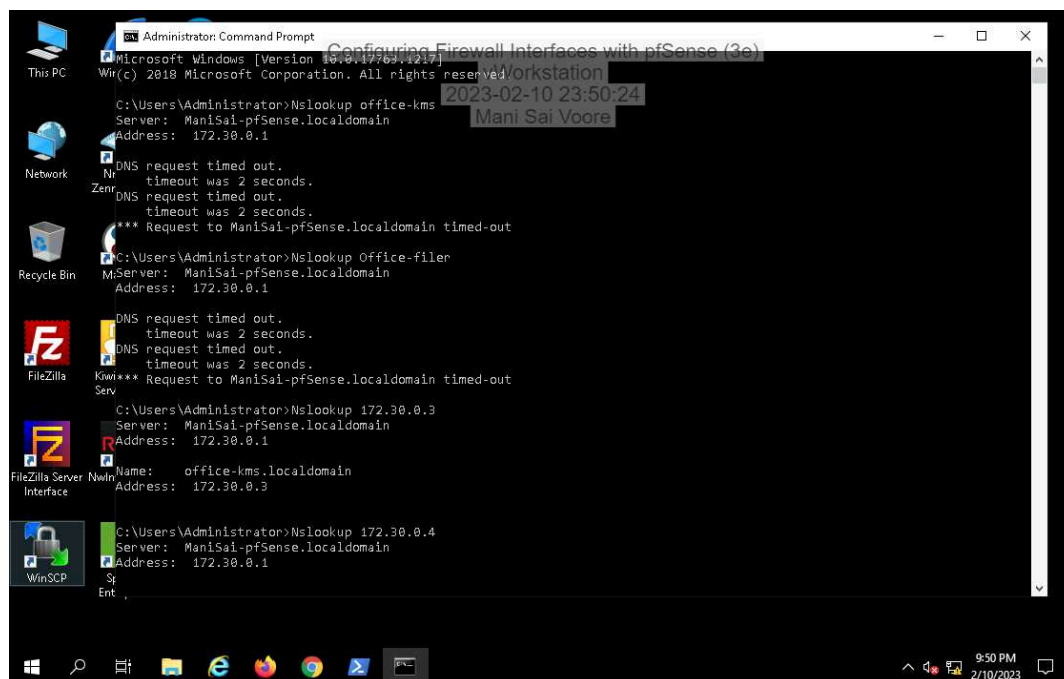
Section 3: Challenge and Analysis

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.

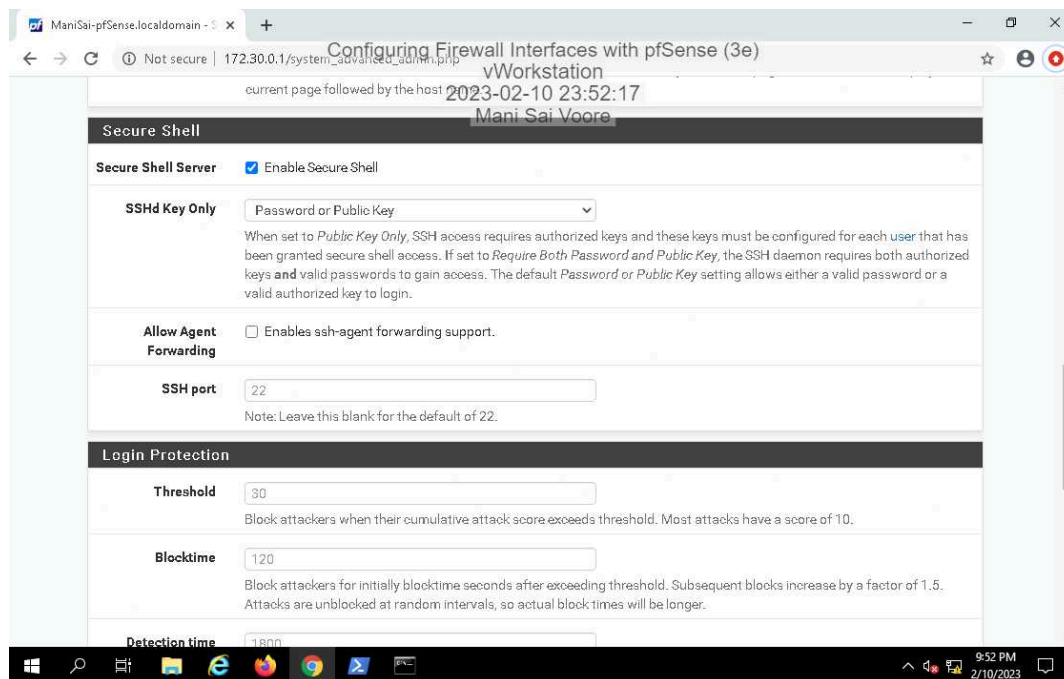


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Part 2: Enable and Test Secure Shell Access on pfSense

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



Make a screen capture showing your successful SSH connection.

