Student:	Email:
Vidhi Kadakia	jinsukrishna108@gmail.com

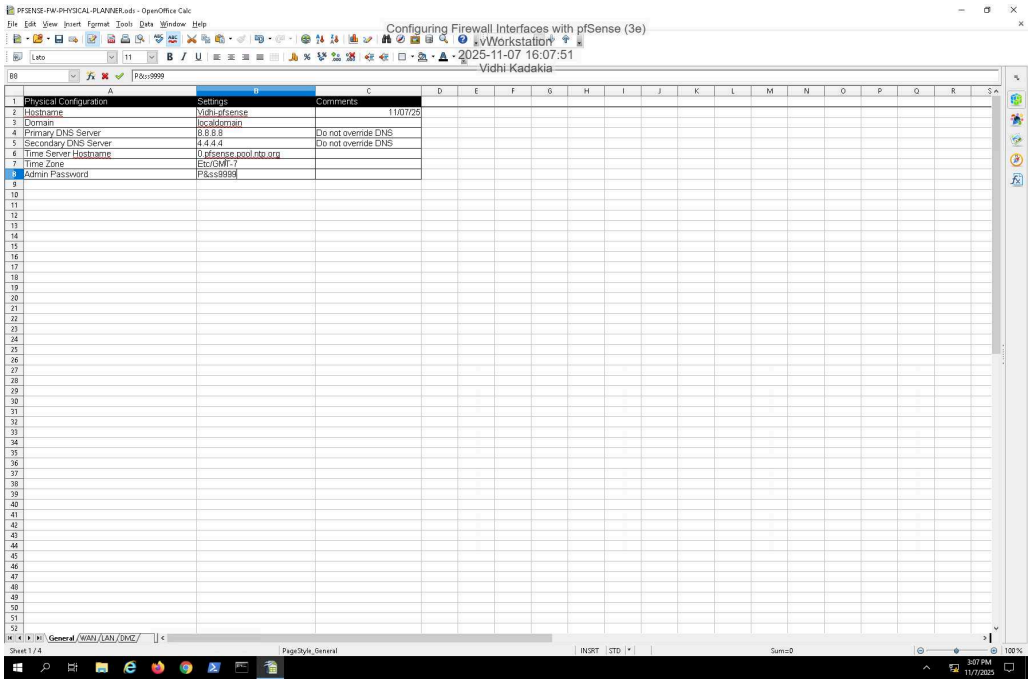
Time on Task:	Progress:
7 hours, 37 minutes	100%

Report Generated: Sunday, November 9, 2025 at 8:03 PM

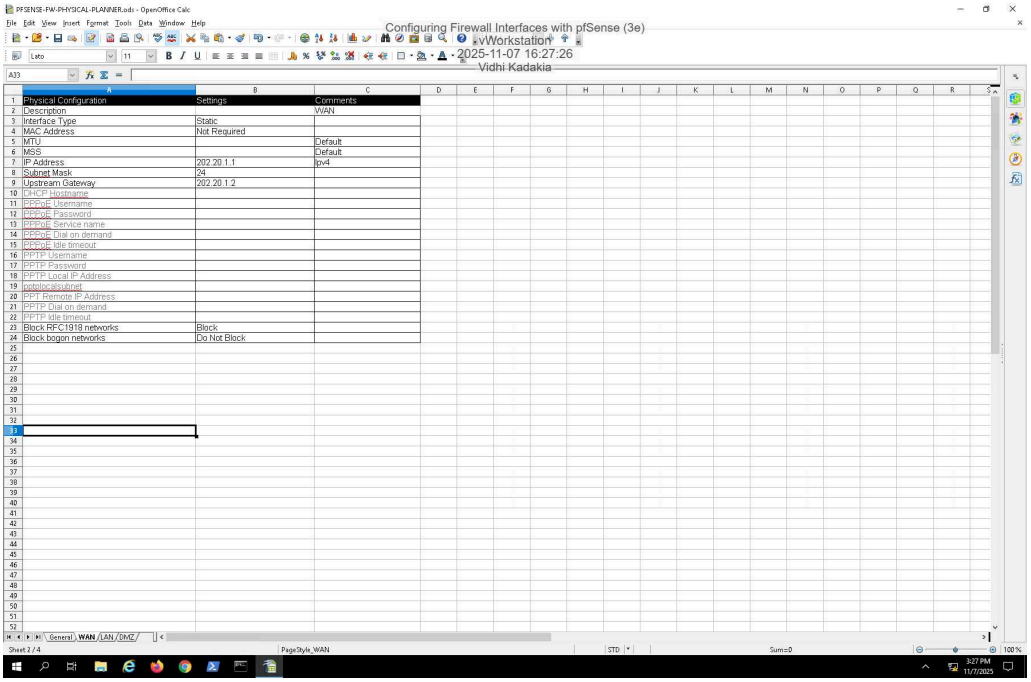
Section 1: Hands-On Demonstration

Part 1: Plan the Physical Configuration of the Firewall

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

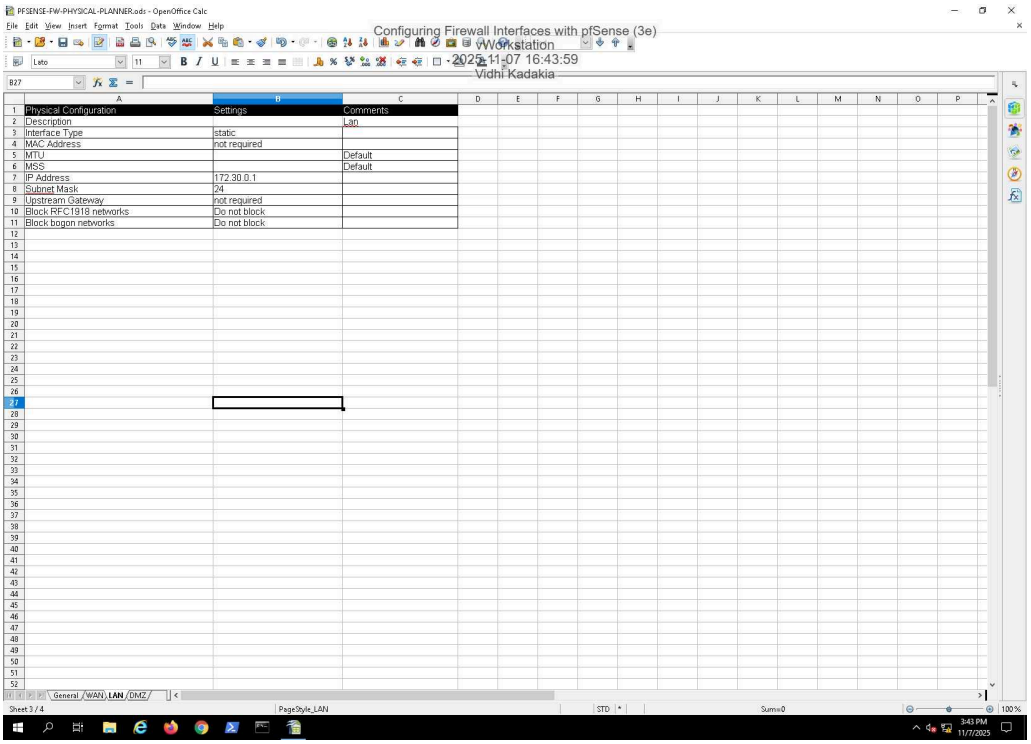


25. **Make a screen capture** showing the **completed WAN tab of the Physical Configuration worksheet**.



Physical Configuration	Settings	Comments
Description		WAN
Interface Type	Static	
MAC Address	Not Required	
MTU		Default
MSS		Default
IP Address	202.20.1.1	ipv4
Subnet Mask	24	
Upstream Gateway	202.20.1.2	
DHCP Hostname		
PPPoE Username		
PPPoE Password		
PPPoE Service name		
PPPoE Dial on demand		
PPPoE Idle timeout		
PPTP Username		
PPTP Password		
PPTP Local IP Address		
pptplocalsubnet		
PPT Remote IP Address		
PPTP Dial on demand		
PPTP Idle timeout		
Block RFC1918 networks	Block	
Block bogon networks	Do Not Block	

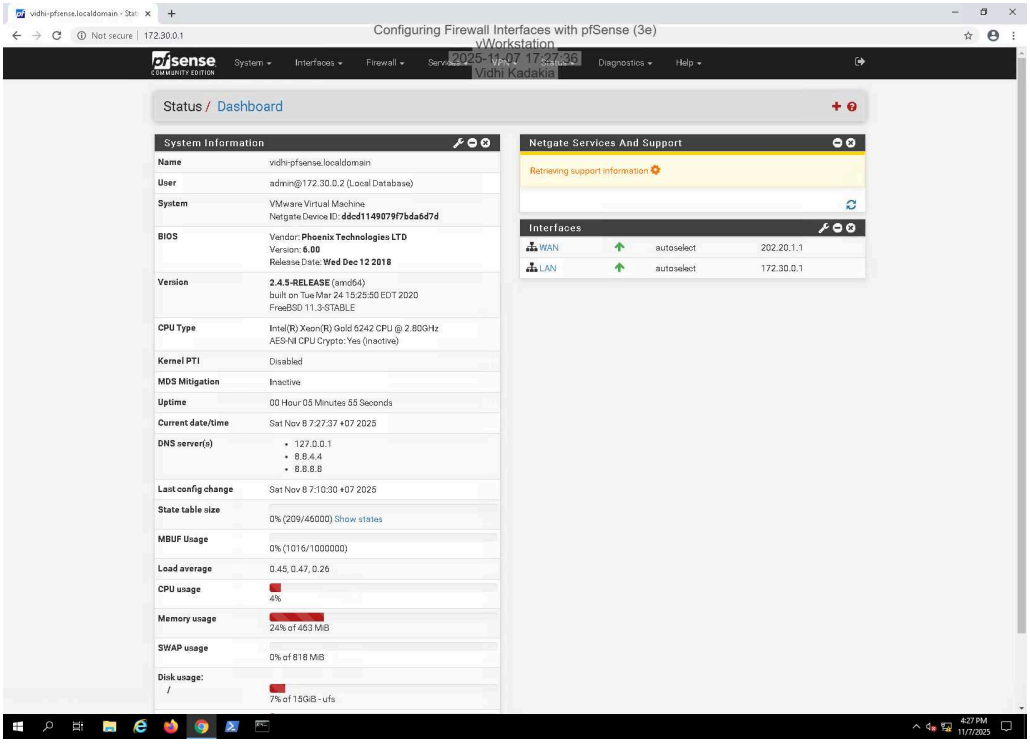
27. **Make a screen capture** showing the **completed LAN tab of the Physical Configuration worksheet**.



Physical Configuration	Settings	Comments
Description		Lan
Interface Type	static	
MAC Address	not required	
MTU		Default
MSS		Default
IP Address	172.30.0.1	
Subnet Mask	24	
Upstream Gateway	not required	
Block RFC1918 networks	Do not block	
Block bogon networks	Do not block	

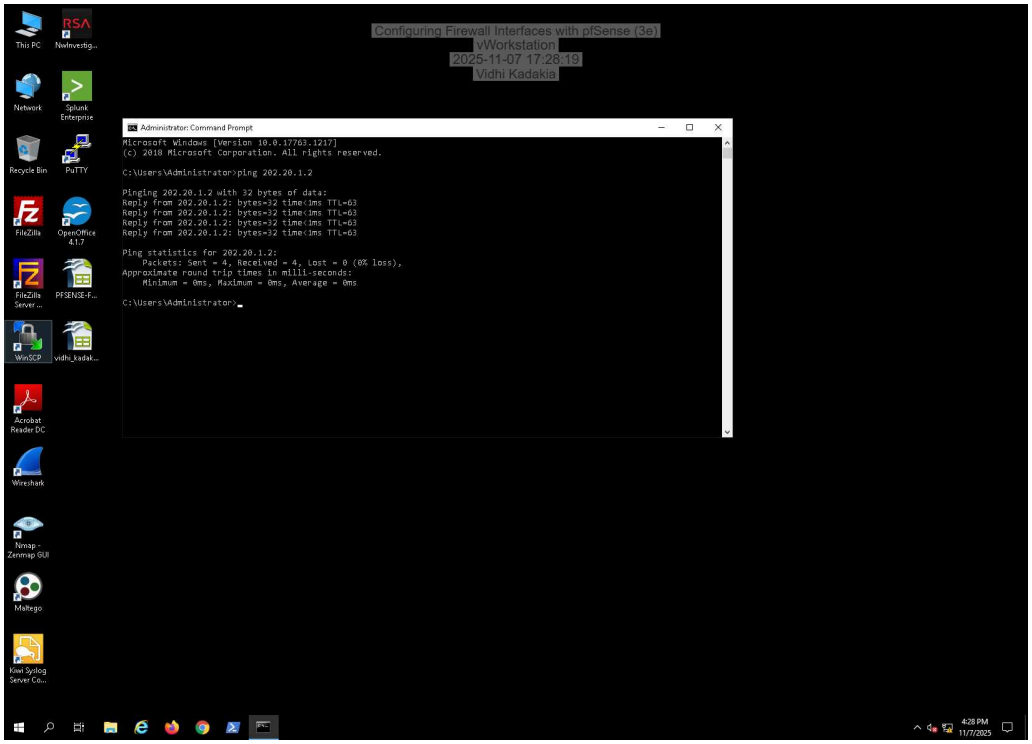
Part 2: Configure the LAN and WAN Firewall Interfaces

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

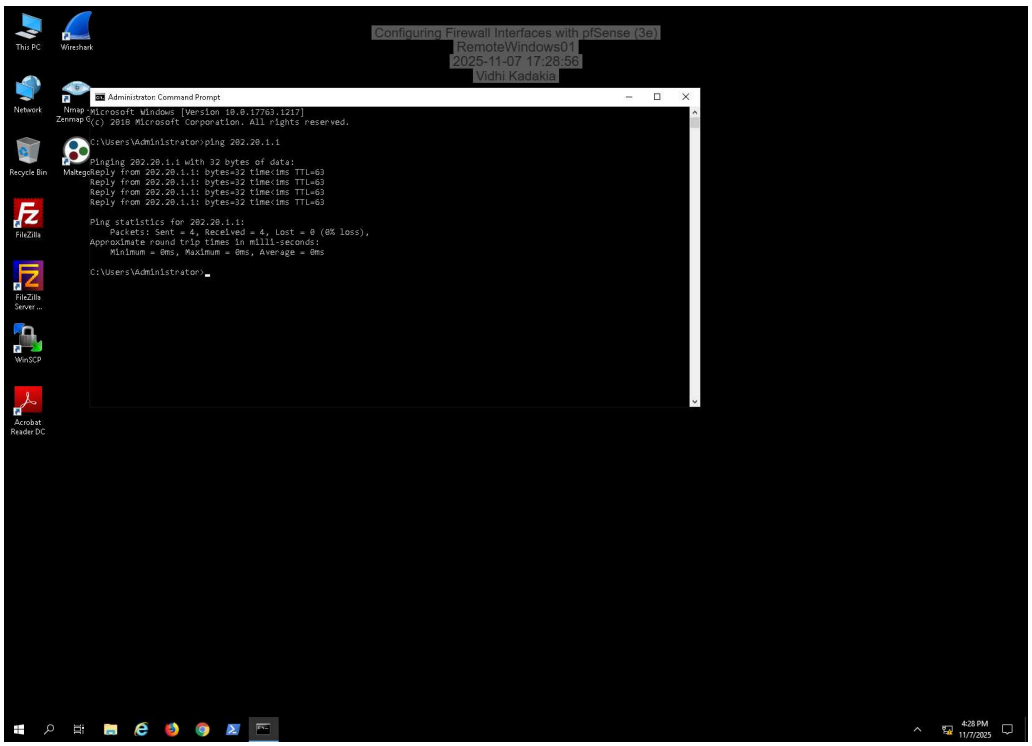


Part 3: Verify the Firewall Implementation

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



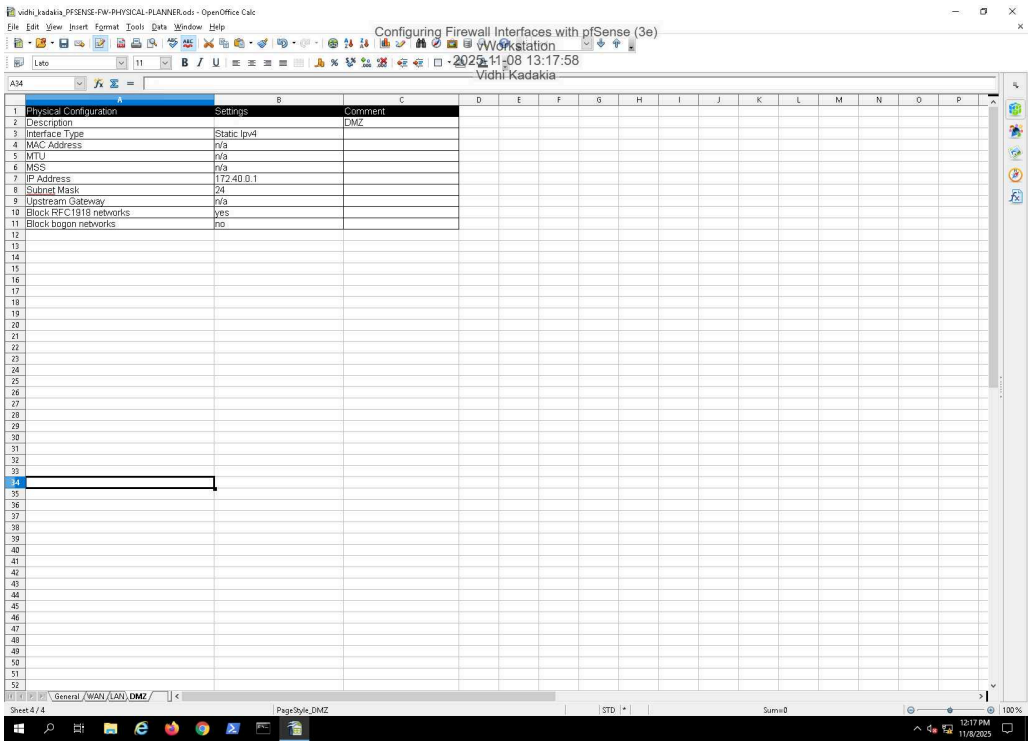
8. **Make a screen capture** showing the **successful ICMP request to the pfSense WAN interface**.



Section 2: Applied Learning

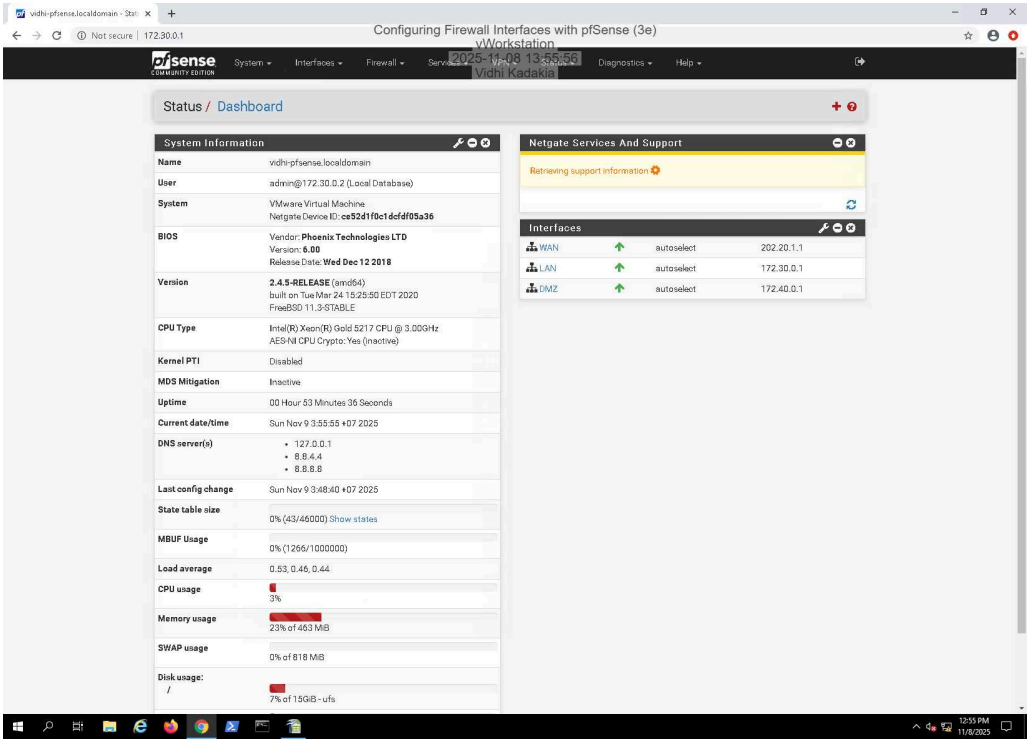
Part 1: Plan the Physical Configuration of the Firewall

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



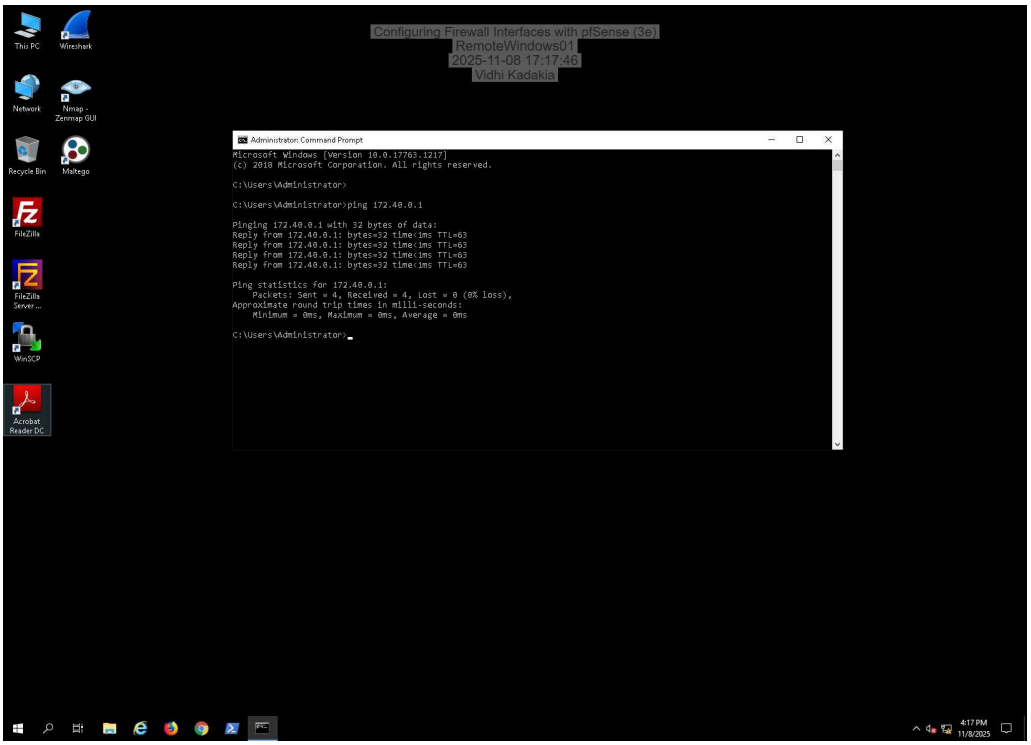
Part 2: Configure the DMZ Firewall Interface

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**.



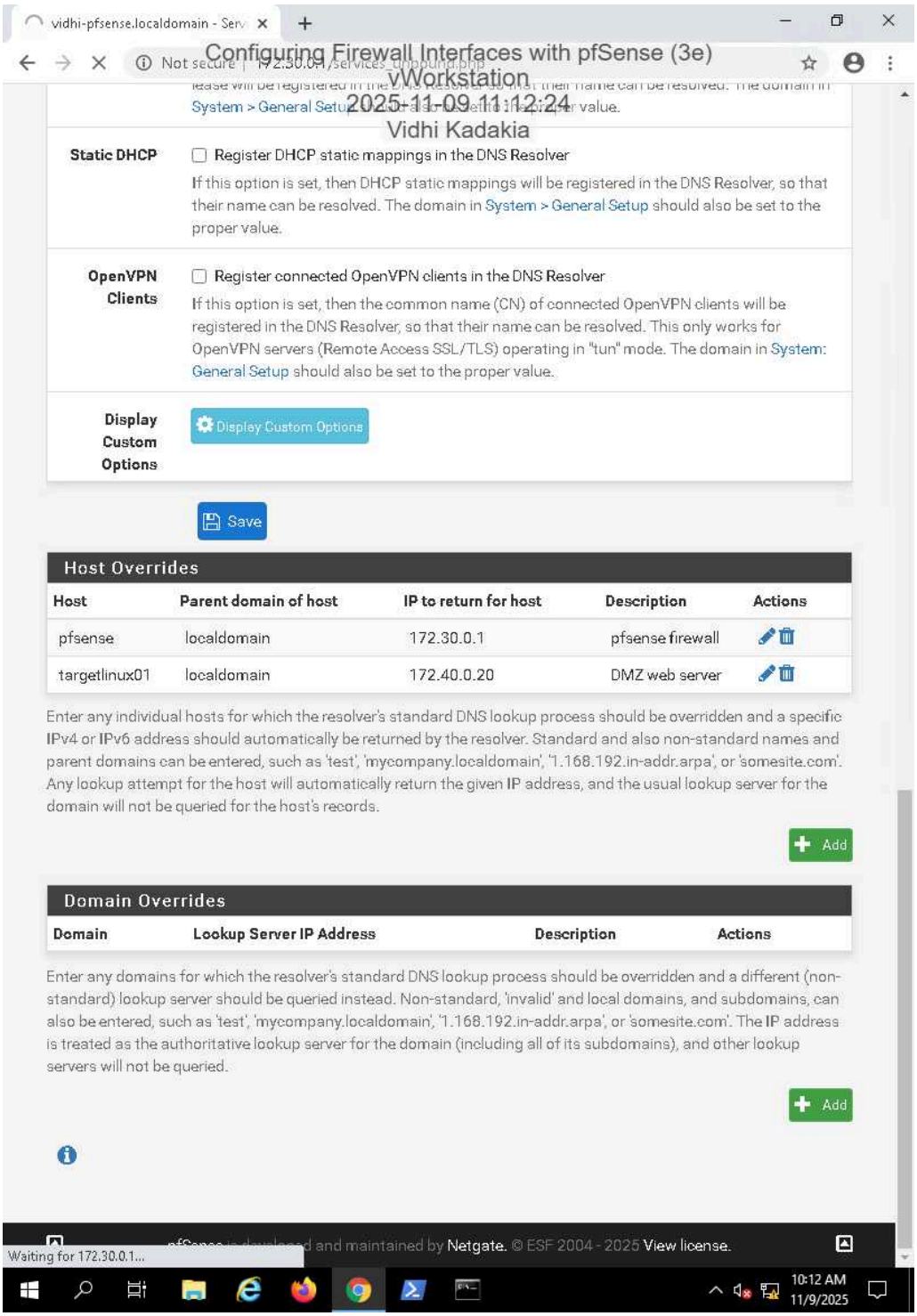
8. **Make a screen capture** showing the **corporationtechs.com web page on the RemoteWindows01 machine**.

Corporation Techs
Configuring Firewall Interfaces with pfSense (3e)
RemoteWindows01
2025-11-09 18:01:33
Vidhi Kadakia
CORPORATION TECHS
0° Technology
Complete Administration Automation for the IT professional. Centralized Command Center for all locations. We bring you closer to peace of mind!
Consulting Services
Call Center 24x7x365
Microsoft Server support
Linux Support
Cybersecurity Penetration Testing
Certified Incident Reponse Team (C.I.R.T) ready
Network design & implementation
Now installing telecommunications low voltage networks
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
5:01 PM
11/9/2025

Section 3: Challenge and Analysis

Part 1: Configure and Test Split DNS on pfSense

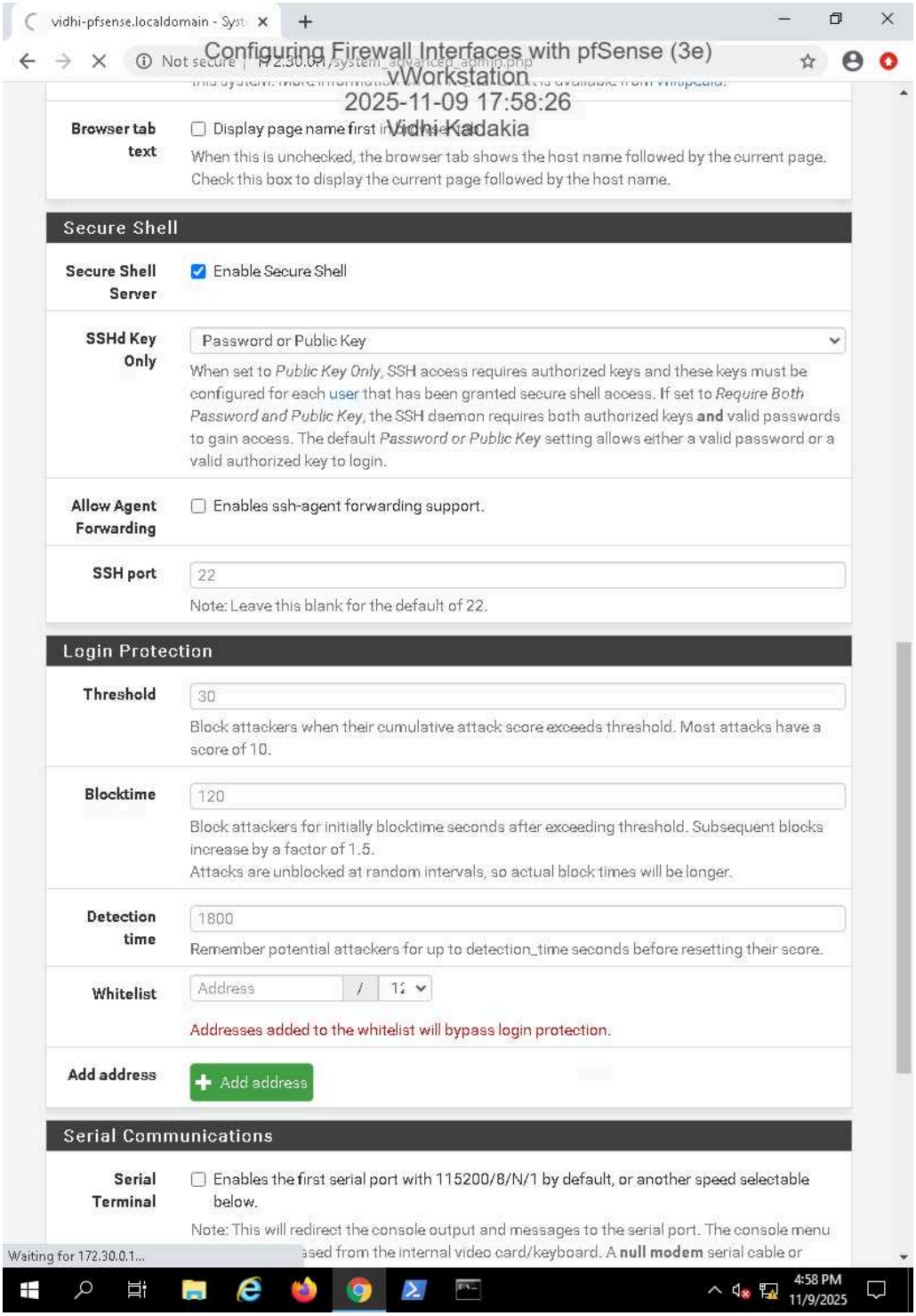
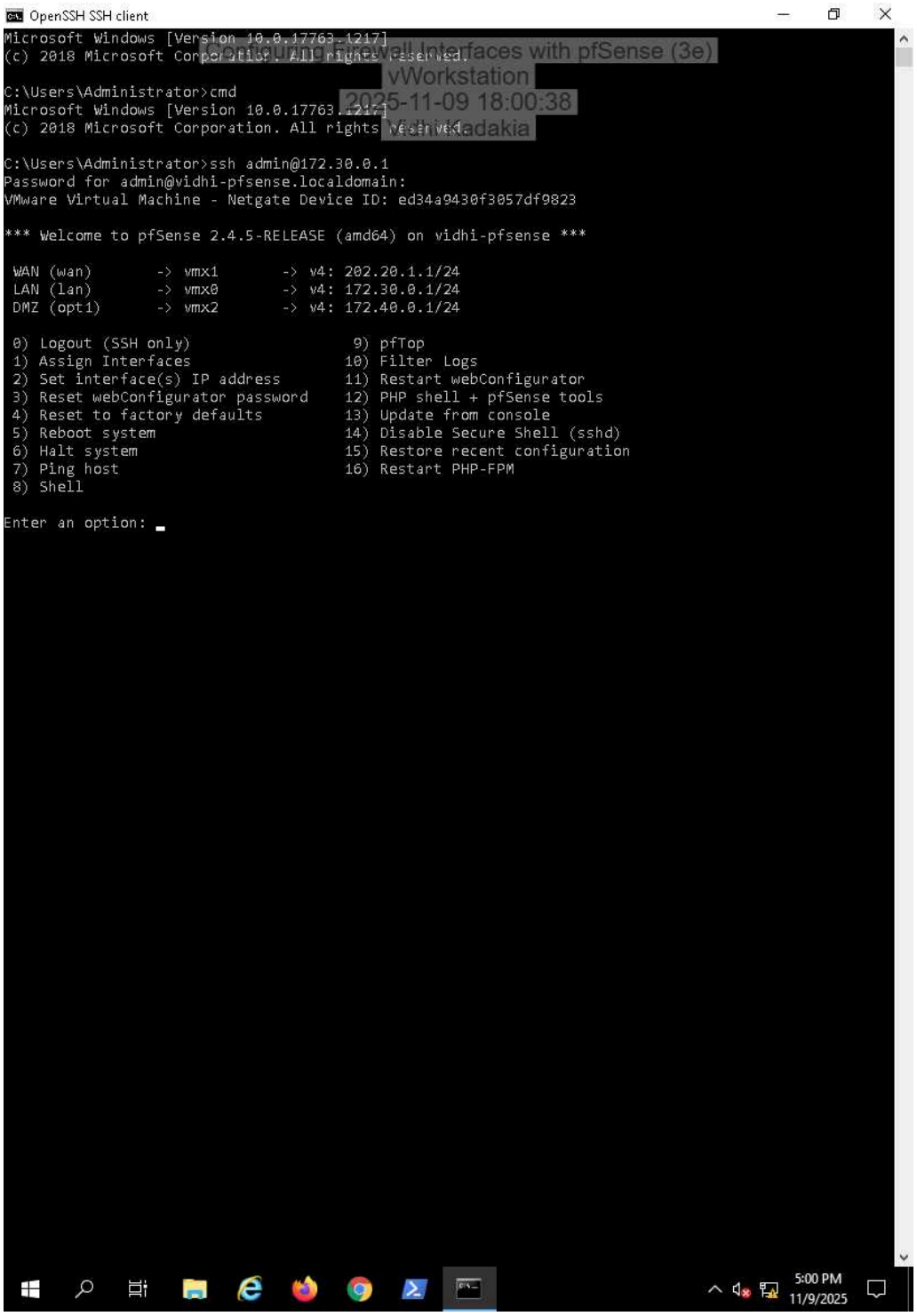
Make a screen capture showing **your Host Override entries in the DNS Resolver**.



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**.