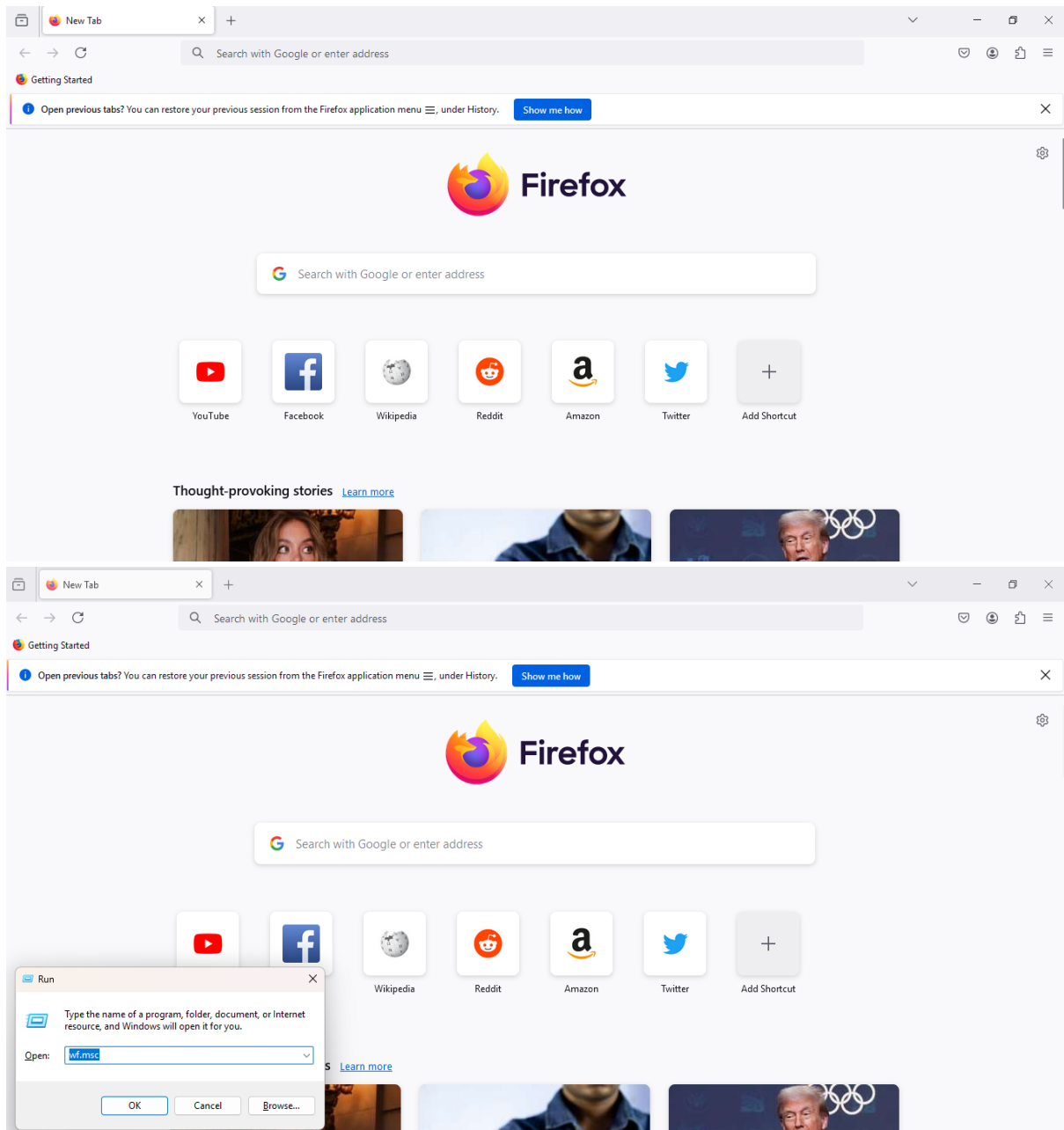


# Configure and test basic firewall rules to allow or block traffic



```
Microsoft Windows [Version 10.0.26100.4351]
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C:\Users\Hp>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet 2:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::27eb:2c55:2b9a:f979%11
    IPv4 Address. . . . . : 192.168.56.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . :

Wireless LAN adapter Local Area Connection* 1:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::707f:dcde:2e92:8d9e%8
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::707f:dcde:2e92:8d9e%8
    IPv4 Address. . . . . : 192.168.10.12
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.10.1

C:\Users\Hp>nmap -p 80,443 [192.168.56.1]
Starting Nmap 7.97 ( https://nmap.org ) at 2025-08-08 20:11 +0530
Failed to resolve "[192.168.56.1]".
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 1.55 seconds

C:\Users\Hp>nmap -T4 -A -v 192.168.56.1
Starting Nmap 7.97 ( https://nmap.org ) at 2025-08-08 20:12 +0530
NSE: Loaded 158 scripts for scanning.
NSE: Script Pre-scanning.
Initiating NSE at 20:13
Completed NSE at 20:13, 0.00s elapsed
Initiating NSE at 20:13
Completed NSE at 20:13, 0.00s elapsed
Initiating NSE at 20:13
Completed NSE at 20:13, 0.00s elapsed
Initiating Parallel DNS resolution of 1 host. at 20:13
Completed Parallel DNS resolution of 1 host. at 20:13, 0.51s elapsed
Initiating SYN Stealth Scan at 20:13
Scanning 192.168.56.1 [1000 ports]
Discovered open port 445/tcp on 192.168.56.1
Discovered open port 135/tcp on 192.168.56.1
Discovered open port 139/tcp on 192.168.56.1
```



