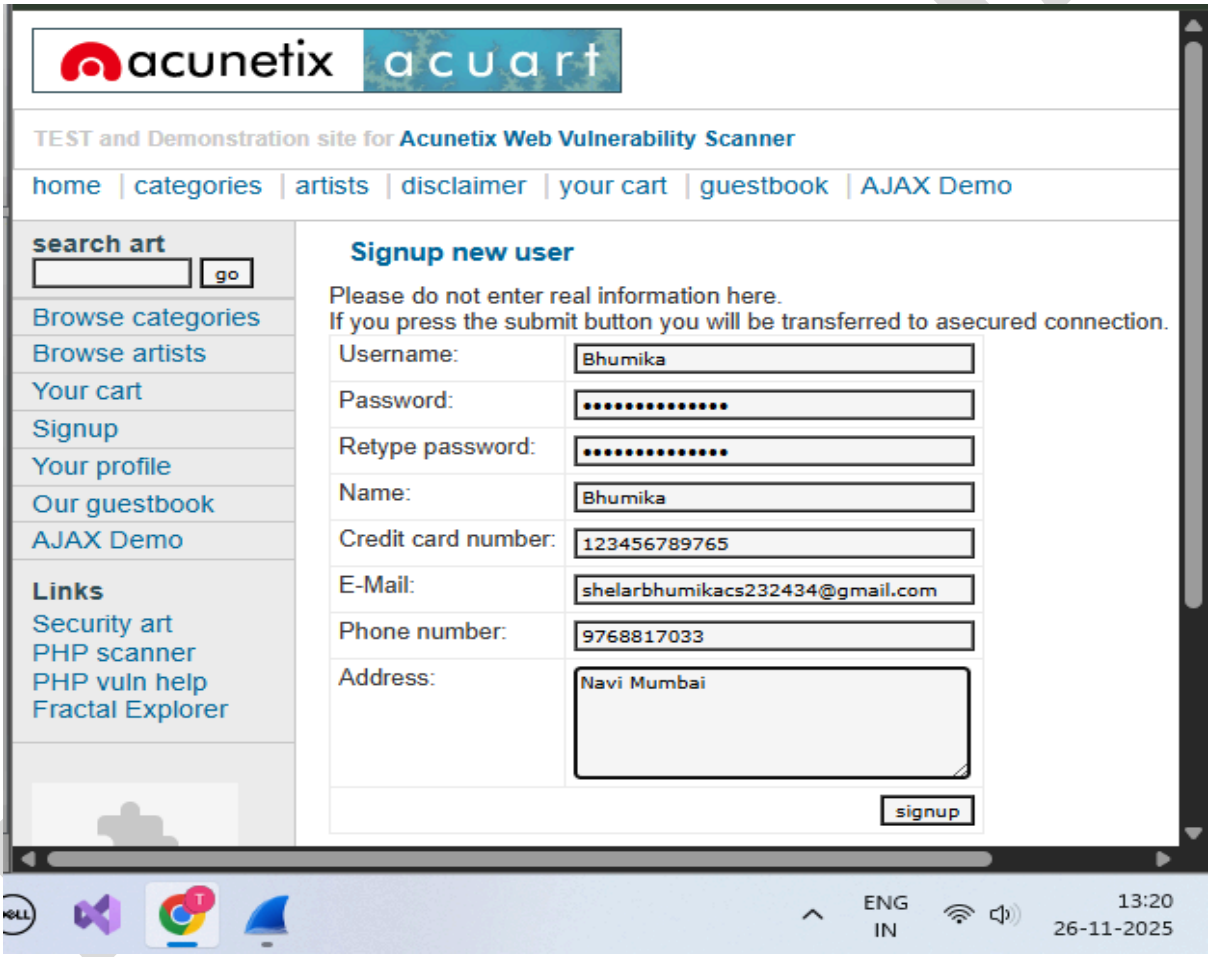
Practical No.5

Aim: Network Traffic Capture and DoS Attack with Wireshark and Nemesy

1. **Network Traffic Capture:**
- **Use Wireshark to capture network traffic on a specific network interface.**
- **Analyze the captured packets to extract relevant information and identify potential security issues.**
2. **Denial of Service (DoS) Attack:**
- **Use Nemesy to launch a DoS attack against a target system or network.**
- **Observe the impact of the attack on the target's availability and performance.**

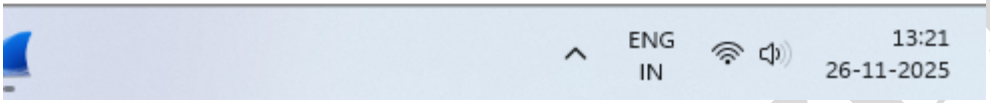


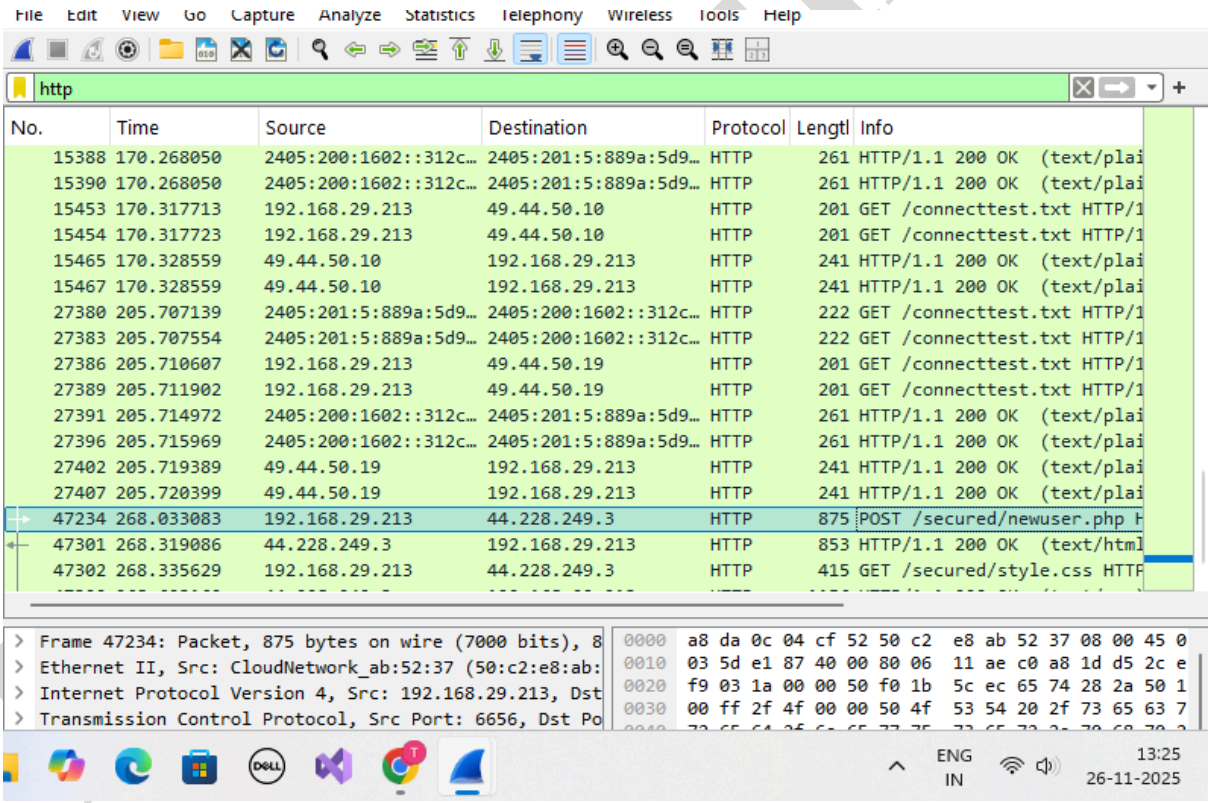
ACUNETIX ART

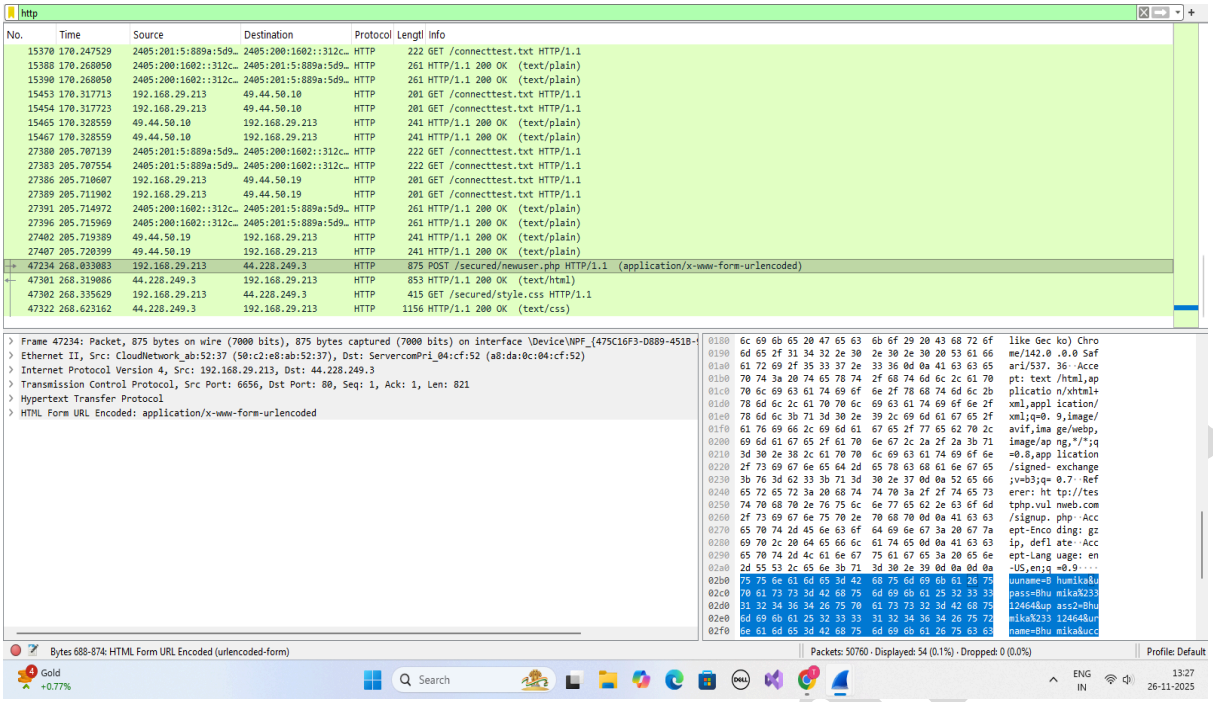
You have been introduced to our database with the above informations:

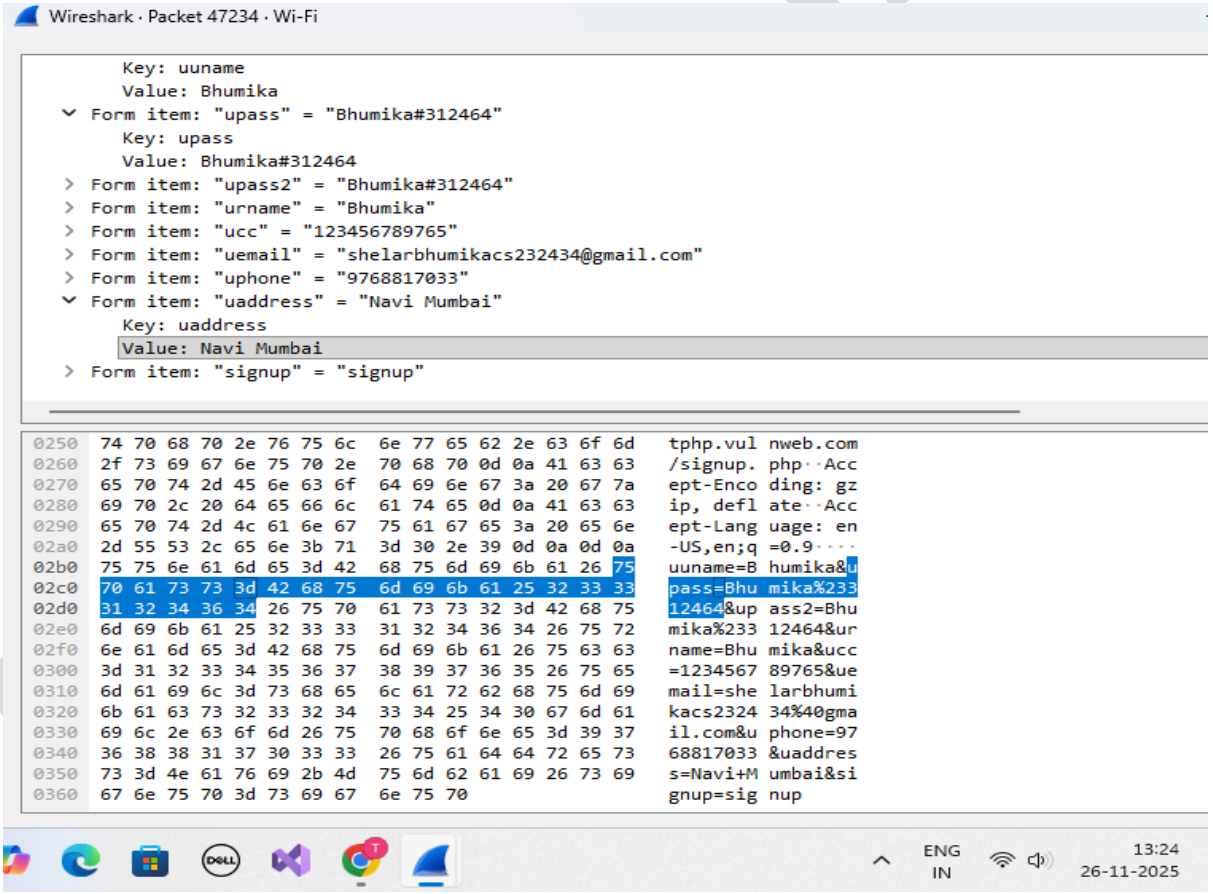
- Username: Bhumika
- Password: Bhumika#312464
- Name: Bhumika
- Address: Navi Mumbai
- E-Mail: shelarbhumikacs232434@gmail.com
- Phone number: 9768817033
- Credit card: 123456789765

Now you can login from here.






http
No. Time Source Destination Protocol Lengtl Info
15370 170.247529 2405:201:5:889a:5d9… 2405:200:1602::312c… HTTP 222 GET /connecttest.txt HTTP/1.1
15388 170.268050 2405:200:1602::312c… 2405:201:5:889a:5d9… HTTP 261 HTTP/1.1 200 OK (text/plain)
15390 170.268050 2405:200:1602::312c… 2405:201:5:889a:5d9… HTTP 261 HTTP/1.1 200 OK (text/plain)
15453 170.317713 192.168.29.213 49.44.50.10 HTTP 201 GET /connecttest.txt HTTP/1.1
15454 170.317723 192.168.29.213 49.44.50.10 HTTP 201 GET /connecttest.txt HTTP/1.1
15465 170.328559 49.44.50.10 192.168.29.213 HTTP 241 HTTP/1.1 200 OK (text/plain)
15467 170.328559 49.44.50.10 192.168.29.213 HTTP 241 HTTP/1.1 200 OK (text/plain)
27380 205.707139 2405:201:5:889a:5d9… 2405:200:1602::312c… HTTP 222 GET /connecttest.txt HTTP/1.1
27383 205.707554 2405:201:5:889a:5d9… 2405:200:1602::312c… HTTP 222 GET /connecttest.txt HTTP/1.1
27386 205.710607 192.168.29.213 49.44.50.19 HTTP 201 GET /connecttest.txt HTTP/1.1
27389 205.711902 192.168.29.213 49.44.50.19 HTTP 201 GET /connecttest.txt HTTP/1.1
27391 205.714972 2405:200:1602::312c… 2405:201:5:889a:5d9… HTTP 261 HTTP/1.1 200 OK (text/plain)
27396 205.715969 2405:200:1602::312c… 2405:201:5:889a:5d9… HTTP 261 HTTP/1.1 200 OK (text/plain)
27402 205.719389 49.44.50.19 192.168.29.213 HTTP 241 HTTP/1.1 200 OK (text/plain)
27407 205.720399 49.44.50.19 192.168.29.213 HTTP 241 HTTP/1.1 200 OK (text/plain)
47234 268.033083 192.168.29.213 44.228.249.3 HTTP 875 POST /secured/newuser.php HTTP/1.1 (application/x-www-form-urlencoded)
47301 268.319086 44.228.249.3 192.168.29.213 HTTP 853 HTTP/1.1 200 OK (text/html)
47302 268.335629 192.168.29.213 44.228.249.3 HTTP 415 GET /secured/style.css HTTP/1.1
47322 268.623162 44.228.249.3 192.168.29.213 HTTP 1156 HTTP/1.1 200 OK (text/css)
Frame 47234: Packet, 875 bytes on wire (7000 bits), 875 bytes captured (7000 bits) on interface \Device\NPF_{475C16F3-D889-4518-
Ethernet II, Src: CloudNetwork_ab:52:37 (50:c2:e8:ab:52:37), Dst: ServercomPri_04:cf:52 (a8:da:0c:04:cf:52)
Internet Protocol Version 4, Src: 192.168.29.213, Dst: 44.228.249.3
Transmission Control Protocol, Src Port: 6656, Dst Port: 80, Seq: 1, Ack: 1, Len: 821
Hypertext Transfer Protocol
HTML Form URL Encoded: application/x-www-form-urlencoded
0180 6c 69 6b 65 20 47 65 63 6b 6f 29 20 43 68 72 6f like Gec ko) Chro
0190 6d 65 2f 31 34 32 2e 30 2e 30 2e 30 20 53 61 66 me/142.0 .0.0 Saf
01a0 61 72 69 2f 35 33 37 2e 33 36 0d 0a 41 63 63 65 ari/537. 36··Acce
01b0 70 74 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 pt: text /html,ap
01c0 70 6c 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b plicatio n/xhtml+
01d0 78 6d 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f xml,appl ication/
01e0 78 6d 6c 3b 71 3d 30 2e 39 2c 69 6d 61 67 65 2f xml;q=0. 9,image/
01f0 61 76 69 66 2c 69 6d 61 67 65 2f 77 65 62 70 2c avif,ima ge/webp,
0200 69 6d 61 67 65 2f 61 70 6e 67 2c 2a 2f 2a 3b 71 image/ap ng,*/*;q
0210 3d 30 2e 38 2c 61 70 70 6c 69 63 61 74 69 6f 6e =0.8,app lication
0220 2f 73 69 67 6e 65 64 2d 65 78 63 68 61 6e 67 65 /signed- exchange
0230 3b 76 3d 62 33 3b 71 3d 30 2e 37 0d 0a 52 65 66 ;v=b3;q= 0.7··Ref
0240 65 72 65 72 3a 20 68 74 74 70 3a 2f 2f 74 65 73 erer: ht tp://tes
0250 74 70 68 70 2e 76 75 6c 6e 77 65 62 2e 63 6f 6d tphp.vul nweb.com
0260 2f 73 69 67 6e 75 70 2e 70 68 70 0d 0a 41 63 63 /signup. php··Acc
0270 65 70 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a ept-Enco ding: gz
0280 69 70 2c 20 64 65 66 6c 61 74 65 0d 0a 41 63 63 ip, defl ate··Acc
0290 65 70 74 2d 4c 61 6e 67 75 61 67 65 3a 20 65 6e ept-Lang uage: en
02a0 2d 55 53 2c 65 6e 3b 71 3d 30 2e 39 0d 0a 0d 0a -US,en;q =0.9····
02b0 75 75 6e 61 6d 65 3d 42 68 75 6d 69 6b 61 26 75 uuname=B humika&u
02c0 70 61 73 73 3d 42 68 75 6d 69 6b 61 25 32 33 33 pass=Bhu mika%233
02d0 31 32 34 36 34 26 75 70 61 73 73 32 3d 42 68 75 12464&up ass2=Bhu
02e0 6d 69 6b 61 25 32 33 33 31 32 34 36 34 26 75 72 mika%233 12464&ur
02f0 6e 61 6d 65 3d 42 68 75 6d 69 6b 61 26 75 63 63 name=Bhu mika&ucc
Bytes 688-874: HTML Form URL Encoded (urlencoded-form)
Packets: 50760 · Displayed: 54 (0.1%) · Dropped: 0 (0.0%)
Profile: Default
Gold +0.77%
Search
ENG IN
13:27 26-11-2025


Wireshark · Packet 47234 · Wi-Fi
Key: uuname
Value: Bhumika
Form item: "upass" = "Bhumika#312464"
Key: upass
Value: Bhumika#312464
Form item: "upass2" = "Bhumika#312464"
Form item: "urname" = "Bhumika"
Form item: "ucc" = "123456789765"
Form item: "uemail" = "shelarbhumikacs232434@gmail.com"
Form item: "uphone" = "9768817033"
Form item: "uaddress" = "Navi Mumbai"
Key: uaddress
Value: Navi Mumbai
Form item: "signup" = "signup"
0250 74 70 68 70 2e 76 75 6c 6e 77 65 62 2e 63 6f 6d tphp.vul nweb.com
0260 2f 73 69 67 6e 75 70 2e 70 68 70 0d 0a 41 63 63 /signup. php··Acc
0270 65 70 74 2d 45 6e 63 6f 64 69 6e 67 3a 20 67 7a ept-Enco ding: gz
0280 69 70 2c 20 64 65 66 6c 61 74 65 0d 0a 41 63 63 ip, defl ate··Acc
0290 65 70 74 2d 4c 61 6e 67 75 61 67 65 3a 20 65 6e ept-Lang uage: en
02a0 2d 55 53 2c 65 6e 3b 71 3d 30 2e 39 0d 0a 0d 0a -US,en;q =0.9····
02b0 75 75 6e 61 6d 65 3d 42 68 75 6d 69 6b 61 26 75 uuname=B humika&u
02c0 70 61 73 73 3d 42 68 75 6d 69 6b 61 25 32 33 33 pass=Bhu mika%233
02d0 31 32 34 36 34 26 75 70 61 73 73 32 3d 42 68 75 12464&up ass2=Bhu
02e0 6d 69 6b 61 25 32 33 33 31 32 34 36 34 26 75 72 mika%233 12464&ur
02f0 6e 61 6d 65 3d 42 68 75 6d 69 6b 61 26 75 63 63 name=Bhu mika&ucc
0300 3d 31 32 33 34 35 36 37 38 39 37 36 35 26 75 65 =1234567 89765&ue
0310 6d 61 69 6c 3d 73 68 65 6c 61 72 62 68 75 6d 69 mail=she larbhumi
0320 6b 61 63 73 32 33 32 34 33 34 25 34 30 67 6d 61 kacs2324 34%40gma
0330 69 6c 2e 63 6f 6d 26 75 70 68 6f 6e 65 3d 39 37 il.com&u phone=97
0340 36 38 38 31 37 30 33 33 26 75 61 64 64 72 65 73 68817033 &uaddres
0350 73 3d 4e 61 76 69 2b 4d 75 6d 62 61 69 26 73 69 s=Navi+M umbai&si
0360 67 6e 75 70 3d 73 69 67 6e 75 70 gnup=sig nup
ENG IN
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