

Software Testing Lab (PMCA614P)

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Experiment: 5

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Penetration Testing with Wireshark

Website: <http://testphp.vulnweb.com/>

Aim:

To perform packet analysis using Wireshark

Monitoring the packet moving from PC

Procedure:

Step 1: Install Wireshark

Step 2: open Wireshark

Step 3: Choose the adapter

Step 4: Start the packet recording

Result with screenshot

← → ↺

Not secure testphp.vulnweb.com/userinfo.php

acunetix

TEST and Demonstration site for Acunetix Web Vulnerability Scanner

home

categories

artists

disclaimer

your cart

guestbook

AJAX Demo

Logout test

search art

go

Browse categories

Browse artists

Your cart

Signup

Your profile

Our guestbook

AJAX Demo

Logout

Links

Security art

PHP scanner

PHP vuln help

Fractal Explorer

vinayak (test)

On this page you can visualize or edit you user information.

Name:

vinayak

Credit card number:

4242-8998-87998-8887

E-Mail:

vks11ec@gmail.com

Phone number:

5704554554

Address:

899 india5454

update

You have 0 items in your cart. You visualize you cart [here](#).

latest.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl>

Wireshark - Packet 5159 - latest.pcapng

No. Time

5146 28.309666

5147 28.309714

5148 28.309714

5149 28.309714

5150 28.309734

5151 28.309848

5152 28.309848

5153 28.309848

5154 28.309848

5155 28.333586

5156 28.375307

5157 28.410119

5158 28.546478

5159 28.550914

5160 28.551278

5161 28.556611

5162 28.611406

5163 28.711389

5164 28.711389

5165 28.711461

5166 28.711460

> Frame 5159: 831 bytes on wire (6648 bits) captured (831 bytes) over Ethernet II (Src: 08:00:27:00:00:00, Dst: 08:00:27:00:00:00) [0x00000000] ...

Ethernet II, Src: H...

Destination: Cisco

Source: NonHapre

Type: IPv4 (0x0800)

Internet Protocol Ver...

Transmission Control...

Hypertext Transfer F...

HTML Form URL Encode...

Transmission Control Protocol, Src Port: 51792, Dst Port: 80, Seq: 1676, Ack: 8286, Len: 777

Hypertext Transfer Protocol

POST /userinfo.php HTTP/1.1\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.9\r\n

Cache-Control: max-age=0\r\n

Connection: keep-alive\r\n

Content-Length: 121\r\n

Content-Type: application/x-www-form-urlencoded\r\n

Cookie: login=test&2f=test\r\n

Host: testphp.vulnweb.com\r\n

Origin: http://testphp.vulnweb.com\r\n

Referer: http://testphp.vulnweb.com/userinfo.php\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/122.0.0.0 Safari/537.36\r\n

0200 68 74 74 70 3a 2f 2f 74 65 73 74 70 68 70 2e 76 http://t estphp.v

0210 75 6c 6e 77 65 62 2e 63 6f 6d 2f 75 73 65 72 69 ulnweb.c om/useri

0220 6e 66 6f 2e 70 68 70 0d 0a 55 70 67 72 61 64 65 nfo.php .Upgrade

0230 2d 49 6e 73 65 63 75 72 65 2d 52 65 71 75 65 73 -Insecur e-Reques

0240 74 73 3a 20 31 0d 0a 55 73 65 72 2d 41 67 65 6e ts: 1 -U ser-Agen

0250 74 3a 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 28 t: Mozil la/5.0 (

0260 57 69 6e 64 6f 77 73 20 4e 54 20 31 30 2e 30 3b Windows NT 10.0;

0270 20 57 69 6e 36 34 3b 20 78 36 34 29 20 41 70 70 Win64; x64) App

0280 6c 65 57 65 62 4b 69 74 2f 35 33 37 2e 33 36 20 leWebKit /537.36

0290 28 4b 48 54 4d 4c 2c 20 6c 69 6b 65 20 47 65 63 (KHTML, like Gec

02a0 6b 6f 29 20 43 68 72 6f 6d 65 2f 31 32 32 2e 30 ko) Chro me/122.0

02b0 2e 30 2e 30 20 53 61 66 61 72 69 2f 35 33 37 2e .0.0 Saf ari/537.

02c0 33 36 0d 0a 0d 0a 75 72 6e 61 6d 65 3d 76 69 6e 36...un naneemvln

02d0 51 79 61 6d 26 75 63 63 3d 34 32 34 32 2d 38 39 ayak&succ =4242-89

02e0 39 38 2d 38 37 39 39 38 2d 38 38 38 37 26 75 65 98-87998 -8887&ue

02f0 6d 61 69 6c 3d 76 6b 73 31 31 65 63 25 34 30 67 mail=vks 11ec%40g

0300 6d 61 69 6c 2e 63 6f 6d 26 75 70 68 6f 6e 65 3d mail.com &uphone=

0310 35 37 30 34 35 35 34 35 35 34 26 75 61 64 64 72 57045545 54&uaddr

0320 65 73 73 3d 38 39 39 2b 69 6e 64 69 61 35 34 35 ess=899+ india545

0330 34 26 75 70 64 61 74 65 3d 75 70 64 61 74 65 4&update =update

No: 5159 - Time: 28.550914 - Source: 172.16.97.211 - Destination: 44.228.249.3 - Protocol: HTTP - Length: 831 - Info: POST /userinfo.php HTTP/1.1 (application/x-www-form-urlencoded)

Show packet bytes

Close Help

Ethernet (eth), 14 bytes

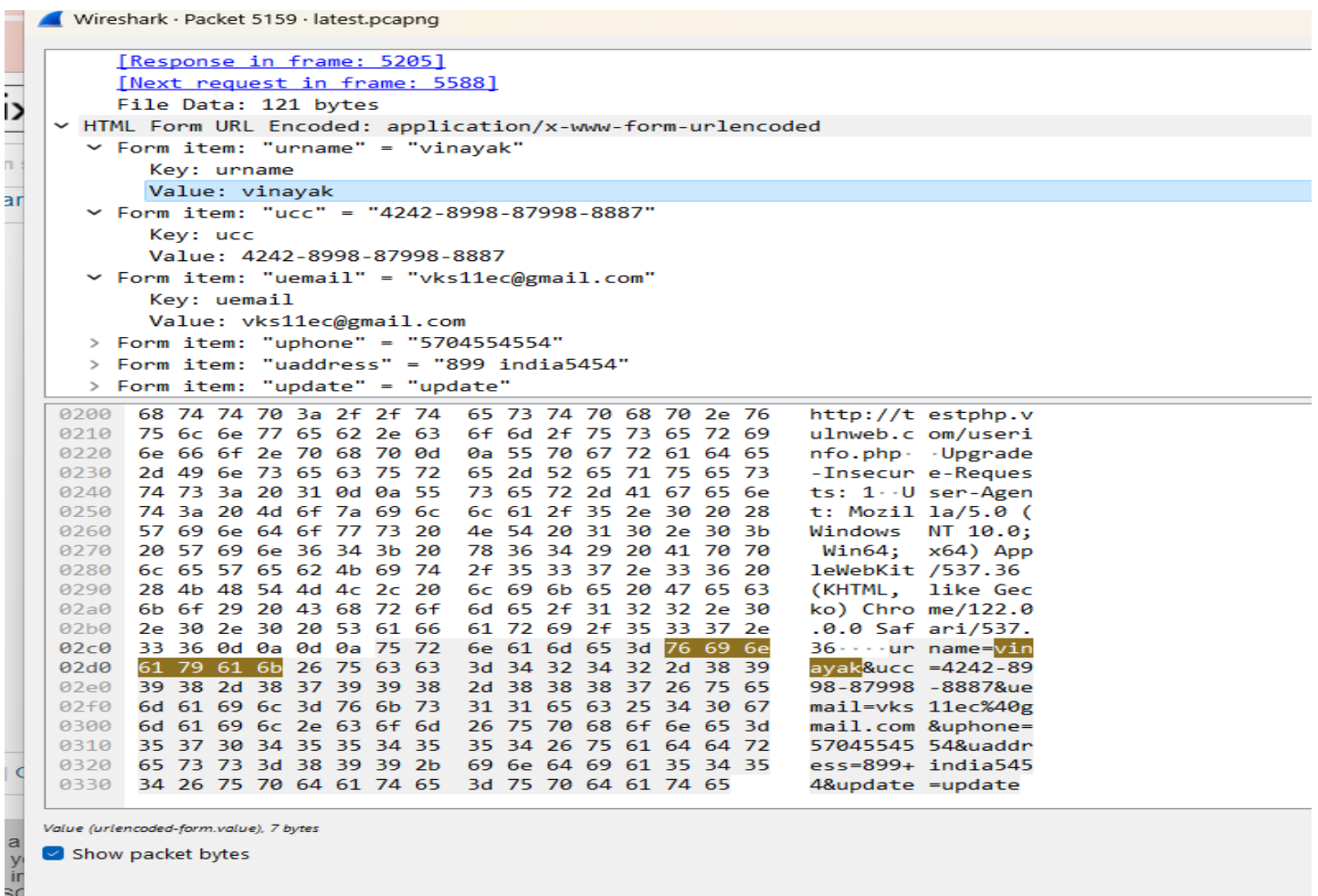
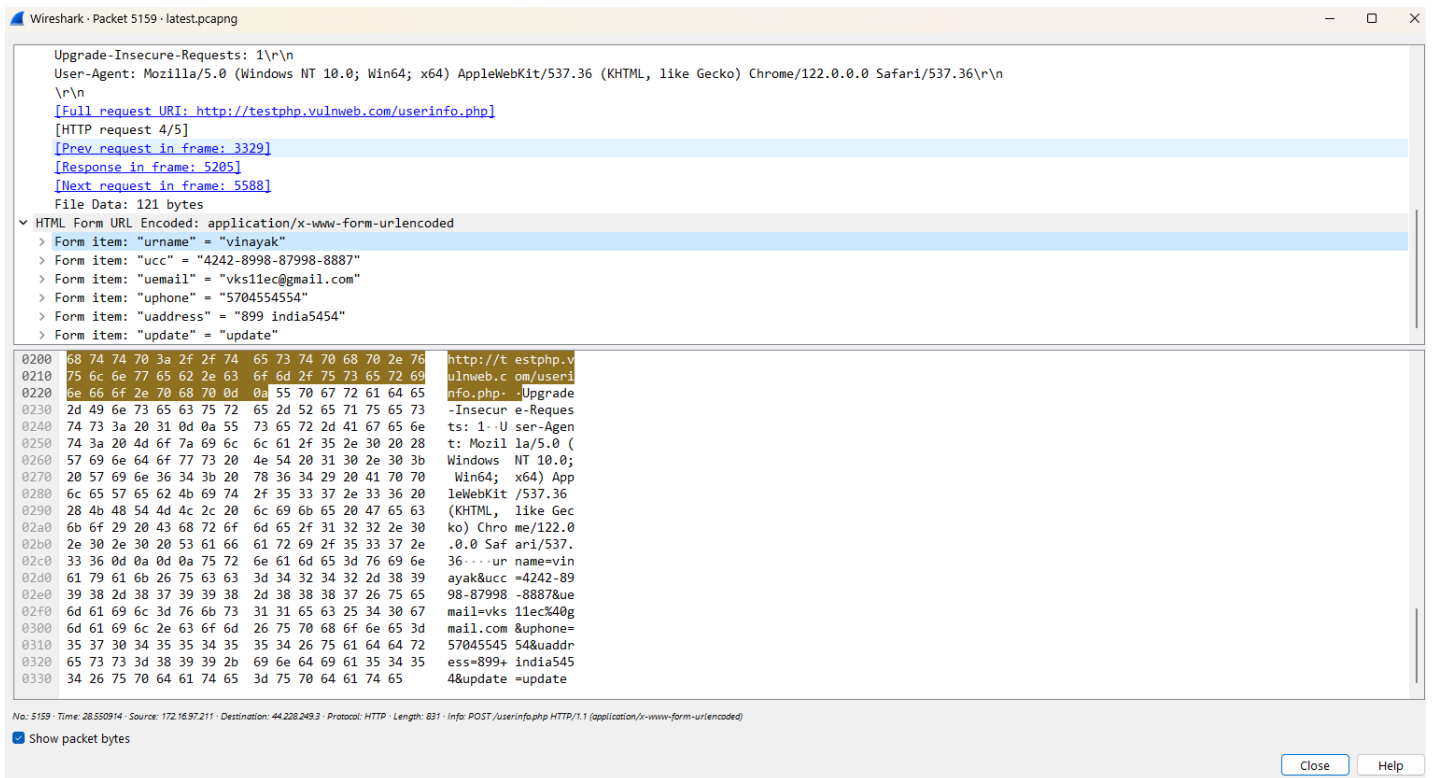
Packets: 6195 - Displayed: 6195 (100.0%) - Marked: 1 (0.0%)

Profile: Default

Upcoming Earnings

Search

12:35 PM 3/15/2024



Result:

Thus, the packet tracing and analysis of LAN Network has been performed using wire shark tools.