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

Wireshark · Packet 5159 · latest.pcapng

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
\r\n
[Full request URI: http://testphp.vulnweb.com/userinfo.php]
[HTTP request 4/5]
[Prev request in frame: 3329]
[Response in frame: 5205]
[Next request in frame: 5588]
File Data: 121 bytes
HTML Form URL Encoded: application/x-www-form-urlencoded
Form item: "urname" = "vinayak"
Form item: "ucc" = "4242-8998-87998-8887"
Form item: "uemail" = "vks11ec@gmail.com"
Form item: "uphone" = "5704554554"
Form item: "uaddress" = "899 india5454"
Form item: "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)
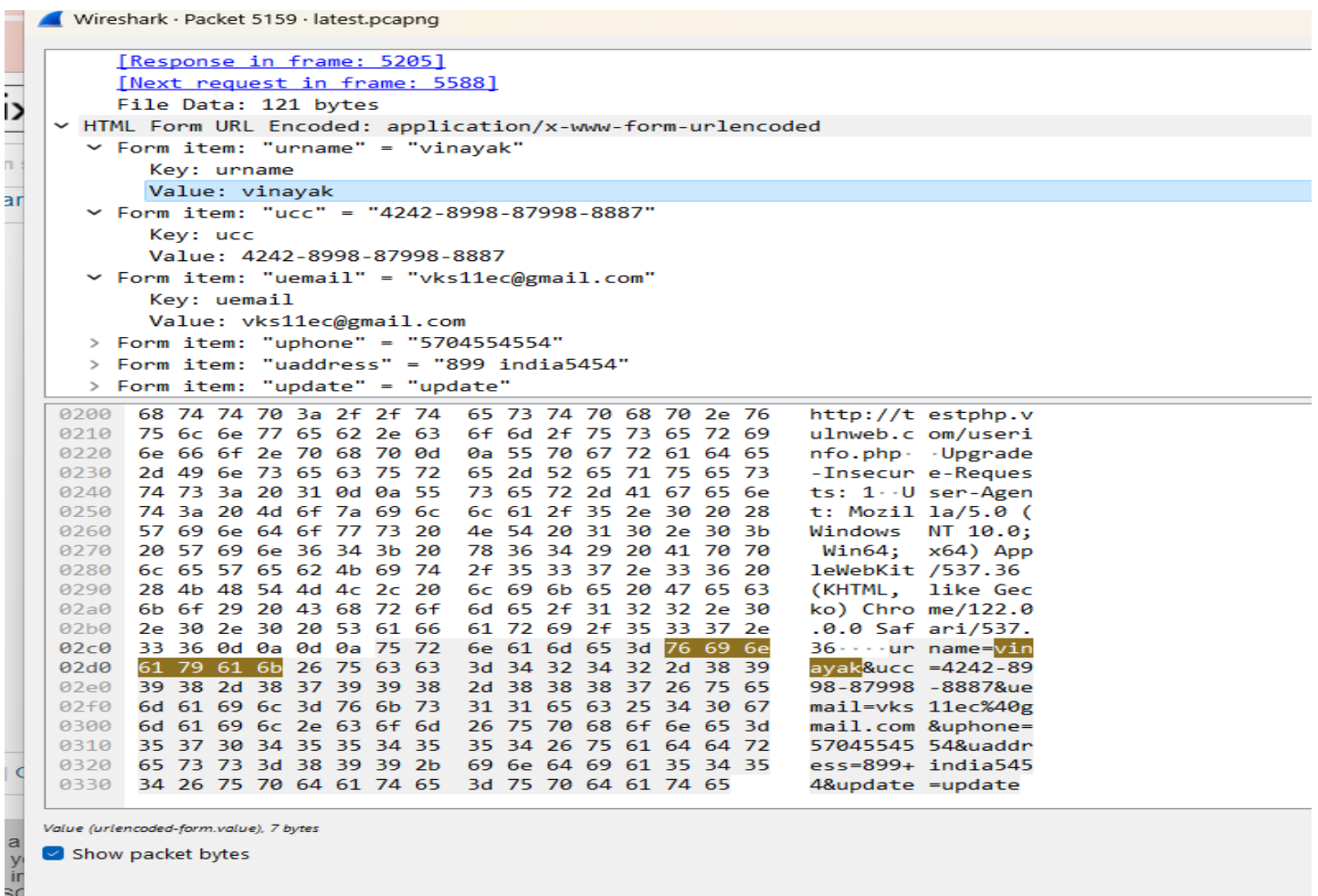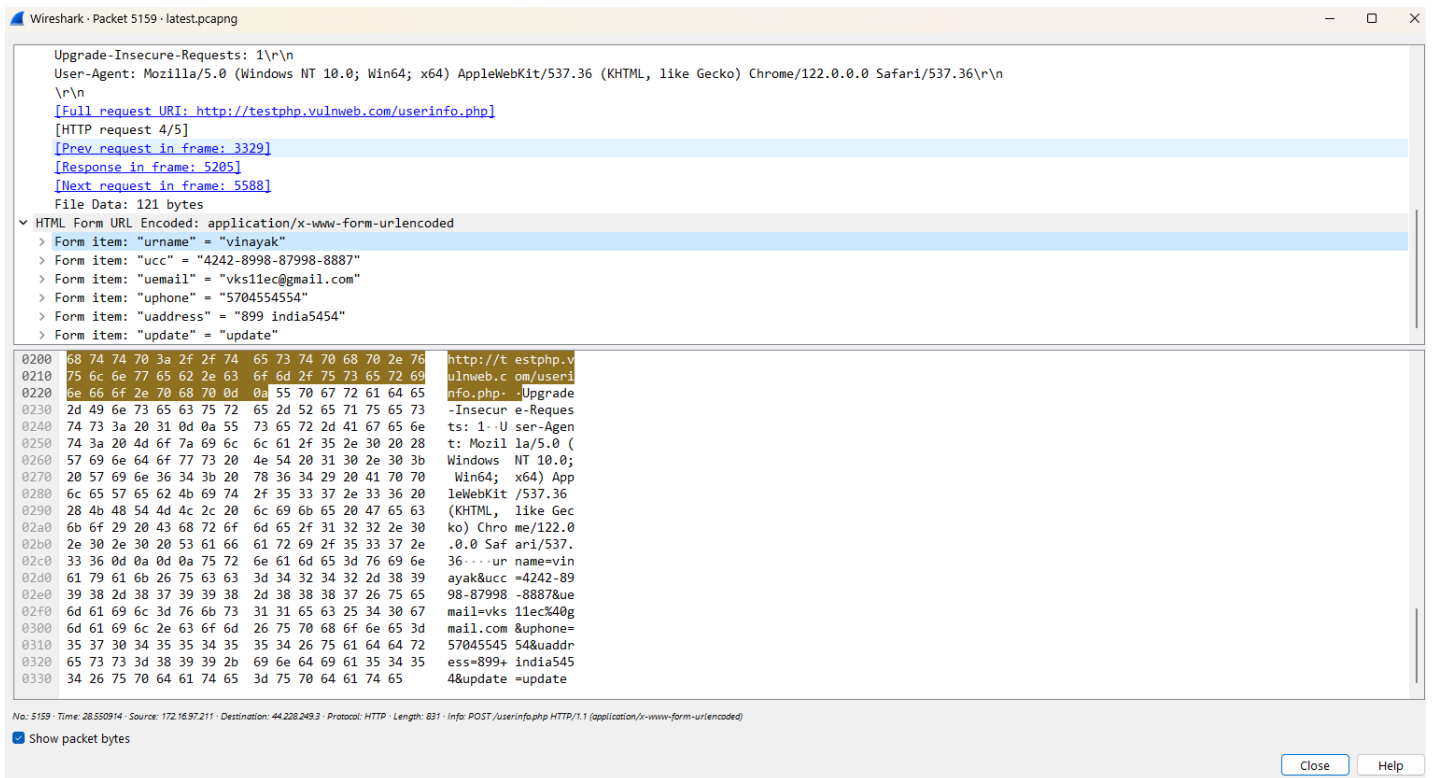
Show packet bytes

Close   Help

Wireshark · Packet 5159 · latest.pcapng

[Response in frame: 5205]
[Next request in frame: 5588]
File Data: 121 bytes
HTML Form URL Encoded: application/x-www-form-urlencoded
Form item: "urname" = "vinayak"
   Key: urname
   Value: vinayak
Form item: "ucc" = "4242-8998-87998-8887"
   Key: ucc
   Value: 4242-8998-87998-8887
Form item: "uemail" = "vks11ec@gmail.com"
   Key: uemail
   Value: vks11ec@gmail.com
Form item: "uphone" = "5704554554"
Form item: "uaddress" = "899 india5454"
Form item: "update" = "update"

Value (urlencoded-form.value), 7 bytes
Show packet bytes

Result:

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