## Wireshark

Key: password Value: USER

HTML Form URL Encoded (urlencoded-form), 27 byte(s)

ftp.request - to view FTP traffic http.request.method==POST - to view credentials submitted over HTTP \*Wi-Fi × <u>Ф</u>айл <u>Р</u>едактирование <u>П</u>росмотр <u>З</u>апуск <u>З</u>ахват <u>А</u>нализ <u>С</u>татистика Телефони<u>я</u> <u>Б</u>еспроводной <u>И</u>нструменты <u>П</u>омощь 🚄 🔳 🗷 🔞 | 📙 🛅 🔀 🖺 | 🧣 👄 ≊ ዥ 赴 🕎 🗐 📵 🗨 🥰 🎹 http:request.method==POST Time Destination Protocol Length Info Source 160 7.640966 192.168.0.104 44.228.249.3 HTTP 696 POST /login HTTP/1.1 (application/x-www-form-urlencoded) > Frame 160: 696 bytes on wire (5568 bits), 696 bytes captured (5568 bits) on interface \Device\NPF\_{4D49321B-65EC-4AF0-8322-37A63f A > Ethernet II, Src: Tp-LinkT\_d9:68:76 (d0:37:45:d9:68:76), Dst: Tp-LinkT\_a7:f5:34 (68:ff:7b:a7:f5:34) > Internet Protocol Version 4, Src: 192.168.0.104, Dst: 44.228.249.3 > Transmission Control Protocol, Src Port: 6634, Dst Port: 80, Seq: 1, Ack: 1, Len: 642 > Hypertext Transfer Protocol ▼ HTML Form URL Encoded: application/x-www-form-urlencoded ✓ Form item: "username" = "USER" Key: username Value: USER ✓ Form item: "password" = "USER"

Пакеты: 333 · Показаны: 1 (0.3%) · Потеряно: 0 (0.0%) Профиль: Default

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tcp.flags.syn==1 - DoS

tcp.flags.ack==0 - DoS

## Detecting SYN floods

- Look out for an immense number of TCP connection requests. The proper display filter is tcp.flags.syn == 1 and tcp.flags.ack == 0
- The server, that is under attack, will respond with a smaller number of SYN/ACKs. These can be spotted with the display filter tcp.flags.syn == 1 and tcp.flags.ack == 1
- Try to compare the number of SYNs with the number of SYN/ACKs. As long as the numbers are identical your firewall
  or server is holding up.
- Very often, the source addresses are spoofed. A good indicator of a spoofed source address is a packet with the RST bit set in response to the SYN/ACK from your server. The normal response would be a packet with just the ACK flag being set.