



Instructions: Turn on the Victim-Windows VM and find the IP (192.168.1.2)

Running Webserver on Victim-Windows:

To create a Web server, we are going to use the XAMPP and configure it with Apache service.

Instructions: Go to the Victim-Windows VM and be sure that firewall is off

1. Download the XAMPP from D2L (Rename to .exe)
→ Note: use “rename” command in cmd window.
2. Install the XAMPP
3. Install Apache and start it
4. Check the webserver by opening the web browser (Internet Explorer) and type <http://localhost> to make sure that web server is running

Visiting website: User from another machine (Victim-Ubuntu VM) will visit the main page of the webserver

Instructions: Turn on the Victim-Ubuntu VM:

- Open web browser (Firefox web browser) and type <http://192.168.1.2>

Question: How can conduct the DoS attack on the webserver.

Instructions: Turn on the Attacker-Kali VM:

- Download slowloris and extract it
cd sslorloris
perl slowloris -dns 192.168.1.2

Server is up or down?

Instructions: On the Victim-Ubuntu VM:

1. Check the webserver of Victim-Windows VM
<http://192.168.1.2>

* Try to monitor the network traffic on the Victim-Windows VM during the attack time using tcpdump

Extra Activities:

How can you be sure that the web-server (192.168.1.2) is available?

How many connections the attacker opened for this attack?

How can make the web service unavailable just to the malicious user?