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Fingerprinting using nmap

Description: using nmap to fingerprint the target server. (in this example we will use nmap scanme page.)

Requirements: nmap must be installed and internet connectivity

Step 1: Run Terminal from Linux or Mac, or Command Prompt from Windows

Step 2: Type nmap and hit enter

Step 3: Review the possible options

Step 4: Type nmap -O -v scanme.nmap.org

Step 5: Review the results

Question 1: What are the open ports on scanme.nmap.org

Question 2: what is the most possible OS hosting scanme.nmap.org

Question 3: How far is the server from your machine (hint: in hops)

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