

Network Scanner

Python can be used to build a simple ICMP (Internet Control Message Protocol) scanner to identify potential targets on the network. However, ICMP packets can be monitored or blocked as the target organization would not expect a regular user to “ping a server”. On the other hand, systems can be configured to not respond to ICMP requests. These are the main reasons why using the ARP (Address Resolution Protocol) to identify targets on the local network is more effective.

Technique

Answer the questions below

What module was used to create the ARP request packets?

Correct
Answer

💡
Hint

Which variable would you need to change according to your local IP block?

Correct
Answer

💡
Hint

What variable would you change to run this code on a system with the network interface named ens33?

Correct Answer