## **Activity File: Analyzing a SYN Scan**

In this activity, you will continue to play the role of a security analyst at Acme Corp.

* CompuCom has requested that you analyze a packet capture of a SYN Scan it ran against one of its hosts.
* You must determine what ports are open, closed, and filtered.
* <https://uci.bootcampcontent.com/UCI-Coding-Bootcamp/UCI-VIRT-CYBER-PT-03-2022-U-LOL/-/tree/main/08-Networking-Fundamentals/3/Resources/synscan.pcapng>

### **Instructions**

1. Open the packet capture provided to you.
2. Based on the host responses, determine which ports are open, closed, or filtered.
   * Statistics > conversions
   * TCP tab
   * Sort by descending packets
     1. 1 == filtered ports
     2. 2 == closed ports
     3. 2 < are open ports
3. Write a short summary of your findings.
   * Open ports:
     1. 53
     2. 80
     3. 22
   * Closed:
     1. 113
     2. 25
     3. 31337
     4. 70
   * Filtered:
     1. Too many to count
   * *Note: A general summary of the filtered ports is fine, as the list of filtered ports is large.*