## **Activity File: Footprinting with traceroute**

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

* CompuCom, a software company, has hired Acme Corp to do a security assessment of its network.
* CompuCom has requested that you further analyze the IPs rejected in the last activity to determine where in their path the connection is being dropped.
* <https://uci.bootcampcontent.com/UCI-Coding-Bootcamp/UCI-VIRT-CYBER-PT-03-2022-U-LOL/-/tree/main/08-Networking-Fundamentals/3/Resources>

### **Instructions**

1. Run traceroute against the IP addresses from the last activity that returned a failed response.
   1. Sudo Traceroute -I {IP address}
2. Determine where in their transmission (at which hop) the transmission failed.
   1. 41.19.96.234: Hop 7
   2. 154.226.18.4: hop 19
   3. 176.56.238.99: hop 15
3. Document a summary of your findings to be provided to CompuCorp using a [Tra ceroute Mapper tool](https://stefansundin.github.io/traceroute-mapper/) to convey the path of the traffic.
   1. Copy the traceroute results and map it