Cyber Security

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**Sniffing**: Refers to the process of capturing network data packets. It allows for viewing the data but not modifying it. The software commonly used for sniffing is **Wireshark**

### **Linux Commands**

1. **Opening Wireshark:**
   * Open Terminal and type: wireshark
   * Select the network interface: eth0
2. **Applying Display Filters:**

* To view packets:

ip.address (or ip.addr) == 10.0.2.15

* To filter by source IP address:

ip.src == 10.0.2.15

* To filter by destination IP address:

ip.dst == 10.0.2.15

**3. Finding IP Address in Linux**:

ifconfig

### **Windows Commands**

1. **Finding IP Address**:ipconfig /all
2. **Viewing System Information**:systeminfo
3. **Accessing Detailed System Information :**  msinfo32