Network Inventory

Nmap, or Network Mapper, is a tool that can be used to create a network inventory and discover assets. Here are some ways to use Nmap to create a network inventory:

* **Basic network sweep**:

 Use nmap -sn 192.168.10.1 to identify live hosts .

* **OS detection**:

Use sudo nmap -O 192.168.10.1 to gather more information about live hosts .

* **Version scanning**:

Use nmap -sV 192.168.10.1 to get information about services running on discovered hosts .

* **Scan specific ports**:

Use nmap -sV -p 22,443 192.168.10.1 to check the state of specific ports .

* **Host scan**:

 Use nmap -sp <target IP range> to get information on every host, their latency, and their MAC address .

* **Output results**:

Use nmap -sV -O 192.168.10.1 -oX network\_inventory.xml to save results for later analysis .