

Reconnaissance tools:

1. OpenVAS

- a. Purpose- Vulnerability scanner**
- b. Features- Built in Scripts and Has web interface**
- c. Use Cases- You could scan your network to identify known vulnerabilities and identify potential security weaknesses.**

2. NMAP

- a. Purpose- Network Scanner to ID Vulnerable Applications**
- b. Features- Port Specification, Host Discovery, OS Detection, Operate Stealthily**
- c. Use Cases- You would use NMAP to help discover any hosts on the system and to complete security auditing.**

3. Nessus

- a. Purpose- Identify vulnerable applications running on a system and provide a variety of details about potentially exploitable vulnerabilities.**
- b. Features- Vulnerability detection, Easy to Use Automation**
- c. Use Cases- Could be used to assign severity ratings to identified vulnerabilities. This prioritization can help an org utilize limited resources effectively.**