

Phase 2: Scanning

- Detecting information useful for break-in
 - Live machines
 - Network topology
 - Firewall configuration
 - Applications and OS types
 - Vulnerabilities

Network Mapping

- Finding live hosts
 - Ping sweep
 - TCP SYN sweep
- Map network topology
 - Traceroute
 - Sends out ICMP or UDP packets with increasing TTL
 - Gets back ICMP_TIME_EXCEEDED message from intermediate routers

Traceroute

