**Phase:** Reconnaissance

**Phase:** Scanning

**Phase:** Gaining Access

**Phase:** Exploit/Maintain Access

**Description:** An attempt to gain information about targeted computers and networks without actively engaging with the systems.

**Description:** An active gaining of information about targeted computers and networks.

**Description:** Network systems breach to access them and obtain relevant information.

**Description:** Take advantage of a bug or vulnerability to cause the unintended or unanticipated behavior to occur on computer software, or hardware.

**Tool:** Google

**Tool:** WhoIs

**Tool:** Shodan.io

**Tool:** nslookup

**Tool:** PassiveDNS

**Tool:** Phishing

**Tool:** nmap

**Tool:** SSL Scan

**Tool:** War Driving

**Tool:** WPScan

**Tool:** Metasploit

**Tool:** IP Address Spoofing

**Tool:** SQL Injection

**Tool:** Denial of Service

**Tool:** Virus, Trojan horse

**Tool:** Buffer Overflow

**Tool:** Password Cracking

**Tool:** Ransomware

**Tool:** Data Encryption

**Tool:** Cryptocurrency Mining

**Tool:** Adware