**Metasploit**

Metasploit is one of the Exploit Framework. Framework is mean Software Framework, for develop the software application or solution.

Metasploit is work on the command line like terminal. For start, enter the “msfconsole”. It must running with root privileges so if you haven’t root privileges, you use this command with sudo.

Metasploit have 6 penetration module for hacking.

-exploit : Installed the malware to target machine vulnerability

-payload : Type of malware in metasploit

-auxiliary : This is simple attack code, don’t required payload

-encoder : Change the payload shape for bypass IPS

-NOP generator : Create OP Code for changing register status or toggling processor flag

-post : Post-Exploit module. After success the exploit, do capture or gather information

for additional attack

Version 5.0 or more than product, have evasion module it is bypass from function of anti-virus detection.