NMAP

NMAP is port scan tools. The basic process is send SYN Packet to target server. Some nmap option is required root privileges so it must run the root user or sudo.

Nmap has variable options and you can combined it. Basically, nmap is work port based. That is mean might be result isn’t match the real service. The Web Service default port is TCP 80. But if changed the other port like TCP 21, nmap is show TCP 21 is opend and service FTP. -sV option is solve this problem. That option is need more time for scan but the you can see the more correctly output.