

Tools/Server Applications for carrying out the security testing of the NE/NF against the applicable ITSAR shall broadly include, but not limited to the following:

a) Tools

1. DUT (Device under Test's) CLI/GUI - OEM Specific
2. Terminal Emulation Software
3. DUT's Management Clients Software Application – OEM Specific
4. Dictionary/Brute Force/Rainbow table attack generator
5. Source Code analyser (SAST Tool)
6. Known Malware Detection Tool
7. Network Traffic Analyser
8. Vulnerability Scanner
9. Port Scanner
10. Network and Application Level Protocol Fuzzing Tool (Generation Based/RFC Based)
11. Application Level Attack Generators
12. Network Level/DDoS Attack Generators (1 Gbps/10 Gbps)
13. Web application Vulnerability Scanner
14. TCP/IP Packet Assembler and Crafting/Manipulation tool

b) Small scale server applications

1. NTP/PTP Server
2. Syslog Server
3. NMS Server with SNMP V3 supported
4. AAA Server (Radius/Tacacs/Diameter protocols)