



Brief overview of basic static tools	
Basic static analysis tools	Description
Virustotal.com	Virustotal is a website that provides a malware check against program
Md5deep	md5deep is a set of programs to compute MD5, SHA-1, SHA-256 on an arbitrary number of files.
PEiD	Tools for detecting packed/obfuscated techniques.
Exeinfo PE	Tools for detecting packed/obfuscated techniques.
RDG Packer	Tools for detecting packed/obfuscated techniques.
D4dot	Tools to remove obfuscated .Net Reactor technique.
PEview	- To display the structure and content of the Portable Executable.
CFF Explorer	view and modify the resources of a PE file, you can view the functions that the DLL file can call, and modify the function entry address to achieve the purpose of creating a crash screen

Brief overview of advanced static tools	
Advanced static analysis tools	Description
BinText	program - searching and display character strings from a binary file.
Dependency Walker	program - performs the scanning modules on 32 bit or 64 bit programs.
IDA	The Interactive Disassembler (IDA) is a disassembler program.

Brief overview of basic dynamic tools	
Basic dynamic analysis tools	Description
Virtualbox	- virtual machine that is used as a place to run the malware.
Anubis	- malware sandbox created specifically for automatic malware analysis.
Comodo Instant Malware Analysis	malware sandbox created specifically for automatic malware analysis
Process Monitor	monitors and displays all activities within the system in real-time.
Process Explorer	monitors the processes that are currently in the system path of the computer.
ApateDNS	find out the IP address which is contacted by the malware
Wireshark	take the data contained in the packet network for analysis malware

Brief overview of advanced dynamic tools	
Advanced dynamic analysis tools	Description
OllyDbg	tools used to perform debugging/reverse engineering to malware.
Regshot	- To help analyze the registry. - To identify changes which create by malware on registry with compare state of registry before and after malware executed