




# Ethical Hacking Basics Course

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# Module 4

# Vulnerability Analysis



# Definition of Security Vulnerability

Vulnerability is a weak spot in your computer system that might be exploited by a security threat.

- Web vulnerabilities.
- Desktop Application vulnerabilities.
- OS vulnerabilities.

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# Definition of Vulnerability Analysis

Vulnerability assessment (vulnerability analysis) mainly is the process of identifying , Ranking and sorting vulnerabilities in a computer system and report it to the system admin.

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# Vulnerability Analysis Tools

- Commercial Tools , cost a lot of \$\$\$ :D
- Free Tools , you don't have to pay.
- Both commercial & free tools get the job done.

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# Vulnerability Analysis Tools

- OpenVas.
- Nessus.
- NeXpose.
- Many and Many ..

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# Nessus

- Nessus is a product from tenable security.
- Nessus has a free version and a commercial version.
- Great Reporting features.
- We will use it as a main VA tool.

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# Nessus

- Nessus can perform various types of scanning.
- You have to buy the commercial version to get all nessus features.