Tools, Threats & Defenses in
Ethical Hacking & Cyber Security

Explore Hacking Tools, Cyber Threats & How to Protect Yourself

Ethical Hacking Tools

Nmap
Scans a network to find devices and open points.

Metasploit
Lets you safely test real attacks on systems.

Wireshark
Shows live network traffic for analysis.

Burp Suite
Helps test and find web app security holes

ZAP
Scans websites to check for security flaws.

Common Cyber Threats

Phishing
Fake emails or messages that trick you into giving sensitive info like passwords.

Malware
Harmful software that infects devices to steal, damage, or disrupt data.

DDoS Attack
Floods a website or server with fake traffic so it stops working.

Man-in-the-Middle
A hacker secretly intercepts communication between two parties.

Defenses & Protection Tips

Strong Passwords
Use long and unique passwords for all accounts.

Multi-Factor Authentication
Use a phone code or app for extra login verification.

Firewall
Use firewalls and secure your Wi-Fi to block intruders.

Update Software
Keep your system and apps updated to fix security holes.

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