



HACKING USING MOBILE

SYLLABUS & CONTENTS





This course covers the principles and techniques of ethical hacking using Termux, a popular terminal emulator and Linux environment for Android devices. Students will learn how to use various hacking tools and techniques to assess and test the security of computer systems and networks, and how to properly report and document their findings.

- Understand the principles and practices of ethical hacking and penetration testing
- Develop skills in using Termux and various hacking tools to test and assess the security of computer systems and networks
- Learn how to properly document and report findings to stakeholders
- Gain practical knowledge of security concepts such as vulnerability assessment, penetration testing, and risk analysis.

COURSE SYLLABUS

1. Introduction to Ethical Hacking and Termux

- Overview of Ethical Hacking and Penetration Testing
- Introduction to Termux
- Basic Linux Commands and Terminology

2. Reconnaissance and Information Gathering

- Understanding the importance of reconnaissance
- Using various tools and techniques for information gathering
- Footprinting and Scanning

3. Vulnerability Assessment and Exploitation

- Understanding vulnerability assessment and risk analysis
- Exploiting vulnerabilities using Metasploit
- Other exploitation tools and techniques

4. Wireless Network Hacking

- Introduction to Wireless Networks
- Understanding different types of attacks on Wireless Networks
- Using tools such as Aircrack-ng and Reaver for Wireless Network Hacking

5. Social Engineering and Exploitation

- Introduction to Social Engineering
- Understanding different types of social engineering attacks
- Techniques for conducting social engineering attacks

6. Web Application Hacking

- Introduction to Web Application Hacking
- Understanding common web application vulnerabilities

- Using tools such as Burp Suite and OWASP ZAP for Web Application Hacking

7. Reporting and Documentation

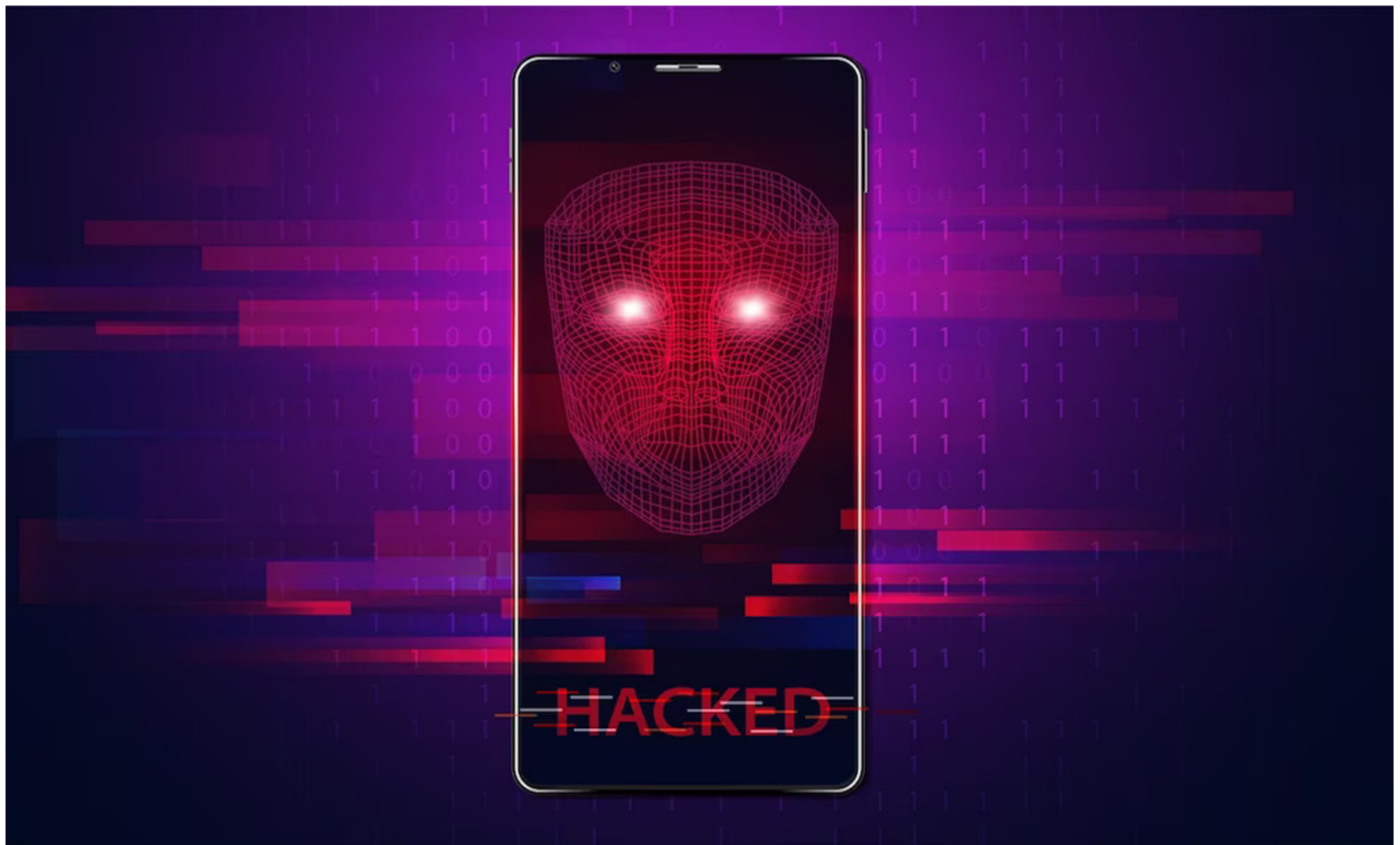
- Understanding the importance of reporting and documentation
- Techniques for documenting findings and writing reports
- Preparing for presentation of findings to stakeholders

8. Ethics and Legal Issues in Ethical Hacking

- Understanding the ethical and legal implications of ethical hacking
- Staying within legal boundaries while conducting ethical hacking
- Best practices for conducting ethical hacking

```
fftw/stable 3.3.4 arm
fftw-dev/stable 3.3.4 arm
figlet/stable 2.2.5 arm
file/stable 5.23 arm
file-dev/stable 5.23 arm
finch/stable 2.10.11 arm
finch-dev/stable 2.10.11 arm
findutils/stable,now 4.5.14 arm [installed]
findutils-locate/stable 4.5.14 arm
fish/stable 2.1.2 arm
flex/stable 2.5.39 arm
flex-dev/stable 2.5.39 arm
fontconfig/stable 2.11.1 arm
fontconfig-dev/stable 2.11.1 arm
fontconfig-utills/stable 2.11.1 arm
freetype/stable 2.6 arm
freetype-dev/stable 2.6 arm
frotz/stable 1.2.3 arm
frotz-dev/stable 2.43 arm
g++/stable 4.9.3 arm
gawk/stable 4.1.3 arm
gawk-dev/stable 4.1.3 arm
gcc/stable 4.9.3 arm
gccv/stable 4.9.3 arm
gdb/stable 7.9.1 arm
gdb-dev/stable 7.9.1 arm
gdbm/stable 1.11 arm
gdbm-dev/stable 1.11 arm
gdk-pixbuf/stable 2.31.4 arm
gdk-pixbuf-dev/stable 2.31.4 arm
gifslc/stable 1.88 arm
git/stable 2.4.5 arm
glib/stable 2.44.1 arm
glib-dev/stable 2.44.1 arm
global/stable 6.5 arm
glulxe/stable 0.5.2 arm
gnuchess/stable 6.2.1 arm
[288/1475] subversion/stable 1.8.13 arm
subversion-dev/stable 1.8.13 arm
zack/stable 1.07 arm
tar/stable 1.28 arm
tcpdump/stable 4.7.4 arm
termux-api/stable 0.4.50 arm
termux-tool/stable,now 0.3 arm [installed,automatic]
tesse/stable 1.1 arm
tig/stable 2.1.1 arm
tmux/stable,now 2.0 arm [installed]
toilet/stable 0.3 arm
transmission/stable 2.84 arm
ttyrec/stable 1.0.8 arm
units/stable 2.11 arm
unnethtack/stable 5.1.0 arm
unrar/stable 5.0.14 arm
unxz/stable 6.0 arm
utfdecode/stable 0.3.4 arm
vim/stable 7.4.769 arm
vim-runtime/stable 7.4.769 all
vttest/stable 20140305 arm
vtutils/stable 0.5 arm
wcalc/stable 2.5 arm
wechat/stable 1.2 arm
wechat-dev/stable 1.2 arm
wget/stable 1.16.3 arm
x264/stable 20141218-2245-0 arm
xcallint/stable 2.9.2 arm
xsltstarlet/stable 1.6.1 arm
xvidcore/stable 1.3.4 arm
xvidcore-dev/stable 1.3.4 arm
xz-utils/stable 5.2.1 arm
yasm/stable 1.3.0 arm
yasm-dev/stable 1.3.0 arm
zile/stable 2.4.11 arm
zip/stable 3.0 arm
zsh/stable 5.0.8 arm
$
```





Assessment and Evaluation:

- Quizzes and exams
- Class participation and discussion
- Assignments and Projects
- Final Project (Penetration testing project report and presentation)

100% Placement Support and Interview Grooming



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