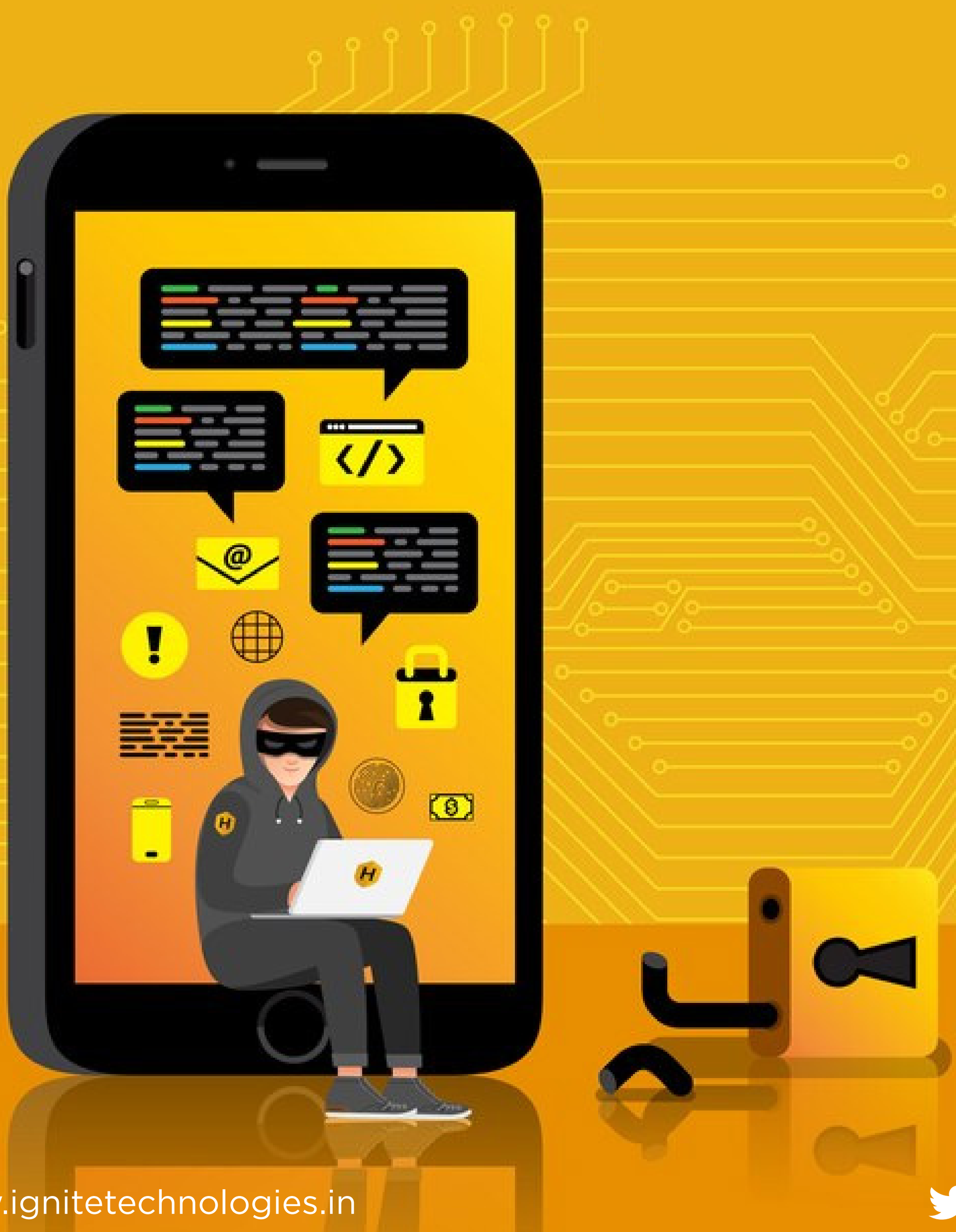
iGNITE Technologies

Penetration Testing

IOS APP

Training Program & Services



www.ignitetechnologies.in

IOS PENTEST

ABOUT COURSE

What is IOS Pentest Course?

The **OWASP Top 10 Mobile Security** will be focused this IOS Pentest course to create awarenes about modern IOS app security issues. If you're familiar with the OWASP Top 10 series, you'll notice the similarities: they are intended for readability and adoption.

Its purpose is to ascertain whether an IOS is vulnerable and then to suggest to the client what patches should be applied.

Who need IOS App Pentest?

Stakeholders, Clients and Vendors should evaluate all areas of an applications security and confirm that no security bugs exist. Each security assessment may include IOS penetration testing in their Pentest Cycle. This is related to the devices' and apps functionlity.

Ignite Training Objective

OWASP Top 10 IOS Security | IOS Security Cheat Sheet
IOS Jailbreaking & Security Assessment

Prerequisites

Basic knowledge of web Application Pentesting as per OWASP top 10, ethical hacking.
Kali Linux and BurpSuite.

COURSE DURATION: 30 HOURS (TENTATIVE)
Price: Contact us

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ABOUT

Well-Known Entity for Offensive Security

{***Training and Services***}

ABOUT US

With an outreach to over a million students
and over thousand colleges, Ignite Technologies stood out
to be a trusted brand in cyber security training and services

WHO CAN ?

- College Students
- IS/IT specialist, analyst, or manager
- IS/IT auditor or consultant
- IT operations manager
- Network security officers and
- Practitioners
- Site administrators
- Technical support engineer
- Senior systems engineer
- Systems analyst or administrator
- IT security specialist, analyst, manager,
- Architect, or administrator
- IT security officer, auditor, or engineer
- Network specialist, analyst, manager,
- Architect, consultant, or administrator

WHY US ?

- Level up each candidate by providing the fundamental knowledge required to begin the Sessions.
- Hands-on Experience for all Practical Sessions.
- Get Course PDF and famous website links for content and Tools
- Customized and flexible training schedule.
- Get recorded videos after the session for each participant.
- Get post-training assistance and backup sessions.
- Common Platform for Group discussion along with the trainer.
- Work-in Professional Trainer to provide realtime exposure.
- Get a training certificate of participation.

HOW WE FUNCTION?

Ignite Trainers

Ignite Trainers are **Industry-Experienced Professionals** and have vast experience with real-time threats thus they provide proactive training by delivering **hands-on practical sessions**.

Had working exposure in Big Fours and MNCs and Fortune 500 companies and clients such as Tata. Facebook, Google, Microsoft, Adobe, Nokia, Paypal, Blackberry. AT&T and many more.

Certified Trainers: CEH, OSCP, OSAP, ISO-Lead Auditor, ECSA, CHFI, CISM

01

In- house lab setup

Implement your own pentest enviroment which will help to understand the backend functionality and architecture.

02

Fundamental Knowledge Sharing

Learn the fundamentals concept and work flow of IOS framework

03

Threat & Analysis

Test and identify the misconfiguration and exploitable vulnerabilities as per OWASP

04

Mitigation

Provide recommendations for patching the vulnerabilities by addressing CVSS Risk Score

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COURSE CONTENT

IOS LAB SETUP

1. Xcode

2. Jailbreaking of ios device

3. install cydia

4. Installing tools

INSTALLATION OF VULNERABLE AAPLICATIONS

1. Installing vulnerable applications

2. Installation of appsync

CONNECTING DEVICE VIA SSH

1. Installation of SSH

2. Connecting the devices through wifi network

3. Installing packages

VULNERABILITIES TO BE COVERED

1. Insecure data storage

2. Creation of new ios project

3. Check signing certificates,device identifiers, bundle id

4. Installation of test application

5. Connecting physical device with Xcode

6. Installation of burpsuite

7. Data storage in plist files

8. Data storage in nsuser defaults

9. SQL databases

10. Core data

11. Keychain data

12. Local data storage

13. Installation of objection and Frida

14. SQL injection

15. XML injection

16. Lack of rate limiting

17. finding hidden APIs

18. Sensitive data exposure

19. Privilege escalation

20. volatile memory

21. Sensitive data in clipboard

22. Web view XSS

23. Obfuscation

24. Jailbreak detection bypass

25. SSL pinning bypass

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