

Red Alert (Web Security) Table of content:

Module1: introduction to Web security

- Essential Terminology
 - Threat
 - Vulnerability
 - Exploit
 - Attack
- Types of Hackers
- White Hat, Grey Hat, and Black Hat Hackers
- Malware types
 - Viruses
 - Trojan Horses
 - Worms
- The Difficult equation
- Challenges Involved in Implementing Security
- Determining Threats
- Vulnerability Research Websites
- Using STRIDE model
- How to Mitigate Risks
- Types of User Input Attacks
- The Anatomy of Any Attack

Module2: Reconnaissance

- Reconnaissance Types(Passive ,Active)
- Information Gathering
- Test sub domain
- Get Archive about the web site
- Foot printing Through Job Sites
- Common Types of Vulnerabilities
- Collect Initial Information
- Advanced Administrative
- My IP Suite
- CountryWhois
- Online Whois Tools
- SpiderFoot
- Expired Domains
- Domain King
- GEOSpider
- HTTrack Web Site Copier
- Download The Content of the site! Wget
- BlackWidow and Do what you want
- Vulnerability scanning
- Site Crawling

Module3: Google Hacking

- What is Google Hacking?
- Directory Listings
- Finding Special files using Google!
- Know Web server version
- Site Operator
- Search in over 50 Million error results
- Login pages
- Find Passwords
- Find backup Files
- Search for server version
- Control thousands of Cameras over the world!
- Google Trends
- Google insight
- Google earth and social engineering

Module4: Sql injection Attack

- What is Sql injection
- Attacks Change Query Structure
- Sql injection Types
- Sample Attack
- SQL Injection - Tricks
- Altering Database Content with Sql injection
- Blind SQL injection
- Privilege Escalation
- Using Time delays
- Hacker tools for Sql injection
- Sql Dict and dictionary attack
- SQL Exee - Auto injection
- Sql bf - Password Audit
- Sql smack- remote command for Sql Server
- Sql Map - and blind injection
- Sql ninja - a lot features
- Sql ler - to crack passwords!
- Auto magic Sql injector
- Absinthe - download the schema of db
- Live Attack!
- Preventing SQL injection
- Run with the enough Privilege and no more
- Secure your pages against Sql injection
- Use Sql injection defender

Module5: Cross site Script (Xss)

- What is Cross site Script
- Types of Cross site Script
- DOM-based attack
- Non-Persistent attack
- Persistent attack
- Are your web site has Xss vulnerability
- How hacker inject Client side script
- How hacker inject Server side script
- Where hacker inject his code
- Session hijacking step by step
- Secure your pages against Cross site Script

Module6: Denial of Service (Dos)

- What is Denial of Service (Dos)
- What Attacker may do
- The Impact Dos Attack
- Types of Dos Attack
 - SYN Attack
 - Buffer overflow Attack
 - Smurf Attack
 - Ping of Death Attack (POD)
 - Teardrop Attack
- Jolt2 & Jolt2 Removal
- Bubonic.c
- Land and LaTierra
- Targa and eight different of Dos Attack!
- Nemesy
- Panther2
- Crazy Pinger
- Test tool: FSMax
- What to do against Denial of Service

Module7: Distributed Denial of Service (DDos)

- What is Distributed Denial of Service (DDos)
- Anatomy of Distributed Denial of Service (DDos)
- DDoS Attack Taxonomy
- If it launched, it is hard to stop!
- Reflective DNS Attacks (RDA)
- ihateperl.pl to RDA
- Tribal Flood Network (TFN)
- Knight and Kaiten
- Mstream
- How Attacker launch Distributed Denial of Service
- The Reflected DoS Attacks
- What to do against Distributed Denial of Service
- Load Balancing

- Throttling
- Honey pots
- DoSHTTP tool
- Web stress tool
- Am I a part of Distributed Denial of Service Network

Module8: Hackers Tips & Tricks!

For registration kindly contact:

Sales_Academy@rayaCorp.com

For Future information Visit:

www.RayaCorp.com

8 El Atebaa Street, Dokki, Giza PO Box 12311

Tel: +202 3761 9366 Sales ext: 500

Fax: +202 3761 9364