



# CLOUD PENTESTING

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.

# CLOUD

## PENTESTING TOPICS

### Introduction to Cloud Computing

- Cloud computing essentials
- Cloud computing service models
- Public
- Private
- Virtual Private
- Hybrid
- Risk analysis

### 2 Cloud Security Risk Management

- Dividing operational responsibility and visibility
- Managing user authentication
- Managing user authorization

### 3 Negotiating Security Requirements

- Identifying needed security measures
- Ensuring SLA meet security requirements
- Securing the cloud Infrastructure

### 4 Securing the Platform

- Restricting network access through security groups
- Configuring platform specific user access control
- Integrating cloud authorization systems

### 5 Cloud Pentesting introduction

- What is cloud pentesting
- Threats of cloud pentesting
- Pre requisites of cloud pentesting

### 6 Lab setup

- Setting up vulnerable instances
- Setting up ubuntu

### 7 Installation of Vulnerable Services in EC2 instances

- Installation of windows server instance
- Kali installation
- Installation of vulnerable services

### 8 Testing AWS and Configuration Check

- Elastic block storage
- Snapshots
- Retrieving Deleted Data
- Configuration of firewall

### 9 Automatic Pentesting

- Performing an automated vulnerability assessment

### 10 AWS IAM

- Privilege Escalation on AWS Accounts
- Secret and Access ID
- Persistence

### 11 Docker Security

- Securing the container Images

### 12 AWS Lambda Service

- Writing scripts for lambda

### 13 Pentesting Tools

- AWS Audit Scout suite

### 14 Attacking AWS logging and Security

- Services - Pentesting Cloudtrail  
GuardDuty

# CONTACT US

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