



# Cloud PENTESTING

# 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.

# CLOUD PENTESTING TOPICS

## 1 Introduction to Cloud Computing

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

## 2 Cloud Security Risk Management

- Divinding 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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## **Phone No.**

 +91 9599 387 41 | +91 1145 1031 30

## **WhatsApp**

 <https://wa.me/message/HIOPPNENLOX6F1>

## **EMAIL ADDRESS**

 [info@ignitetechnologies.in](mailto:info@ignitetechnologies.in)

## **WEBSITE**

 [www.ignitetechnologies.in](http://www.ignitetechnologies.in)

## **BLOG**

 [www.hackingarticles.in](http://www.hackingarticles.in)

## **LINKEDIN**

 <https://www.linkedin.com/company/hackingarticles/>

## **TWITTER**

 <https://twitter.com/hackinarticles>

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 <https://github.com/ignitetechnologies>