

# Practical Tools for IT Security Audit

Course Duration: 1 day practical hands-on

## Target Audience

Designed for individuals responsible for enterprise IT security such as system administrators, IT security professionals, and IT security consultants who needs working knowledge to do IT audit.

## Pre-requisite

Participants should have at least 1 year working knowledge of network concepts and devices and background knowledge in basic programming.

## Learning Outcome

- Ability to use industry accepted open source tools for assessment and or audit purposes.

## Course Content

### Overview

- The role and purpose of IT assessment and or audit
- Audit and the Law
- Host/Service scanning
  - nMap
- Vulnerability Scanning
  - Nessus / NEWT
  - Metasploit
- System Password Cracking
  - John The Ripper
  - L0phtcrack

## Training Methodology

- Classroom based lecture with practice sessions

## Certification

Certificate of attendance would be given for 80% of class attendance and participation.

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