GERMAN-MALAYSIAN INSTITUTE
Training for Advanced Technology

COURSE TITLE :
NETWORK VULNERABILITY & PENETRATION TESTING

COURSE OVERVIEW/COURSE BRIEF

The course will be presented in an informal and flexible style. Interaction will be encouraged to ensure that the course proceeds at the pace and depth appropriate to the audience. Participants will be familiarized with various vulnerability assessment tools, procedures prior to assessment, post-assessment, common vulnerability issues as well as reporting vulnerabilities found in computer system. PCs will be available for participants to experiment themselves.

COURSE OBJECTIVES

At the completion of this course, participants will be able to :

- Identify the most security model, information security criteria, system vulnerabilities, type of attacks threats, and countermeasures security control.
- Apply network assessment methodology.

THE UNIQUENESS OF THIS COURSE

- An insight into network assessment and various tools and applicationsfornetwork assessment
- Emphasis on practical hands-on learning experience
- No prior knowledge assumed
- Provides alternatives to other proprietary network operating systems
- Emphasis & examples will be tailored to needs of delegates

WHO SHOULD ATTEND

This course is designed for any practicing computer security analyst and developers, database administrators, business users and non-technical end users who are interested in computer forensic and security areas.

KEY TOPICS

- Fundamental of Network Security
- Footprinting
- Google Hacking
- Scanning
- Gaining Access
- Network Assessment Methodology

METHODOLOGY

Lectures, discussions, Exercises & Practical. demonstration using Nmap, Metasploit and Nessus

COURSE DURATION

3 Days

PRE-REQUISITE

There are no prerequisites for this course.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

Minimum participants: 5