AKSARA UNITED MANAGEMENT SDN BHD (1210369-W)
25-01 Maxim Citylights Sentul, 51100 Kuala Lumpur, Wilayah Persekutuan.
Tel : 03 4031 0289
Email : admin@aksaraunited.com
www.aksaraunited.com

COMPTIA SECURITY +

Duration: 5 Days; Instructor led

OBJECTIVES
Upon completion of this program, participants should be able to:
- Understand the security settings
- Know how to encrypt and decrypt files
- Know how to restore registry
- Configure internet content access
- Use P2P networks securely

WHO SHOULD ATTEND
IT Professional

PREREQUISITE
A+ and network + or equivalent knowledge, and six to nine month experience in Networking, including experience configuring and managing TCP/IP.

METHODOLOGY:
This program will be conducted with interactive lectures, PowerPoint presentation, discussions and practical exercise

COURSE CONTENT:

Module 1 - Identifying Social Security Threats
- Identify social engineering attacks
- Classify software attacks
- Identify hardware attacks

Module 2 - Hardening Internal Systems And Services
- Harden base operating systems
- Harden directory services
- Harden DHCP servers
- Harden network file and print servers

Module 3 - Hardening Internetwork Devices And Services
- Harden internet work connection devices
- Harden DNS and BIND servers
- Harden web servers
- Harden FTP servers
- Harden Network News Transport Protocol (NNTP) servers
- Harden email servers
- Harden conferencing and messaging servers

Module 4 - Securing Network Communications
- Secure Network Traffic Using IP Security(IPSec)
- Secure wireless traffic
- Secure client internet access
- Secure the remote access channel

Module 5 - Managing Public Key Infrastructure (PKI)
- Install a Certificate Authority (CA) hierarchy
- Harden a Certificate Authority
- Back up Certificate Authorities
- Restore a Certificate Authority

Module 6 - Managing Certificates
- Enroll certificates for entities
- Secure network traffic using certificates
- Renew certificates
- Revoke certificates
- Back up certificates and private keys
- Restore certificates and private keys

Module 7 - Enforcing Organization Security Policy
- Enforce corporate security policy compliance
- Enforce legal compliance
- Enforce physical security compliance
- Educate users

Module 8 - Monitoring The Security Infrastructure
- Scan for vulnerabilities
- Monitor for intruders
- Set up a Honeypot
- Respond to security Incidents