## 1. Course Details:

**Course Code** : SECR-005
**Course Title** : Security Fundamentals
**Course Duration** : 5 Days

## 2. Course Overview:

- Security FundamentalsTraining course helps you prepare for Microsoft Technology Associate Exam 98-367 and build an understanding of these topics: Security Layers, Operating System Security, Network Security, Security Software. This course leverages the same content as found in the Microsoft Official Academic Course (MOAC) for this exam.

## 3. Learning Outcomes:

- Understand Security Layers
- Understand Operating System Security
- Implement security in layers ranging from physical security, network security, and operating system security
- Use Network Access Protection (NAP), firewalls, and protocol security for data in-flight
- Use security software as countermeasures, including anti-virus software, anti-spam software, and encryption

## 4. Course Contents:

- Security Layers
- Security Fundamentals
- Physical Security as the First Line of Defense
- Core Security Principles
- Authentication, Authorization, and Accounting
- Authentication
- Rights and Permissions
- Auditing
- User Authentication
- Audit Policies
- Security Policies
- Using Password Policies to Enhance Security
- Network Security
- Using Dedicated Firewalls to Protect a Network
- Controlling Access with Network Access Protection (NAP)

- Using Isolation to Protect the Network
- Protecting Data with Protocol Security
- Securing a Wireless Network
- Network Isolation
- Protocol &Wireless Security
- Protecting the Server and Client
- Protecting a Computer from Malware
- Protecting the Client Computer
- Protecting E-Mail &Server
- Securing Internet Explorer

## 5. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

## 6. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

## 7. Who Should Attend?

- IT Management
- Project Managers
- Business Analysts
- Anyone who requires a basic understanding of core security concepts and their application in a private or public sector setting