

### Microsoft Windows Security

#### **Objetivos Gerais**

Este Curso é dirigido a todos os profissionais envolvidos na gestão, implementação e manutenção da Segurança dos Sistemas Windows.

#### **Objetivos Específicos**

No final do Curso os formandos ficaram aptos:

- A dominar o básico de segurança em um ambiente Microsoft;
- Dominar os objetivos da certificação de fundamentos de segurança do Microsoft tecnologia Associate (MTA);
- Compreender as camadas de segurança;
- Entender a segurança do sistema operacional;
- Entender a segurança da rede;
- Entender o software de segurança;
- Dominar todos os objetivos do Microsoft Technology Associate Security Fundamentals exam (exam 98-367).

#### **Destinatários**

Este Curso destina-se a todos os profissionais que necessitem dos fundamentos da segurança num ambiente Microsoft. O objetivo é fornecer uma cobertura rápida e focada dos Skills fundamentais de segurança.

#### **Carga Horária**

40 Horas

#### **Conteúdo Programático**

##### **Módulo I – Understanding Core Security Principles**

- Understanding Risk
- Exploring the Security Triad
- Implementing a Defense-in-Depth Security Strategy
- Enforcing the Principle of Least Privilege
- Hardening a Server

##### **Módulo II – Understanding Malware and Social Engineering**

- Comparing Malware
- Protecting Against Malware

- Thwarting Social-Engineering Attacks
- Protecting Email

### **Módulo III - Understanding User Authentication**

- Comparing the Three Factors of Authentication
- Using Passwords for Authentication
- Using Smart Cards and Token Devices for Authentication
- Using Biometrics for Authentication
- Starting Applications with Run As Administrator
- Preventing Time Skew with Kerberos
- Identifying RADIUS Capabilities
- Identifying Unsecure Authentication Protocols

### **Módulo IV - Securing Access with Permissions**

- Comparing NTFS Permissions
- Exploring Share Permissions
- Identifying Active Directory Permissions
- Assigning Registry Permissions

### **Módulo V - Using Audit Policies and Network Auditing**

- Exploring Audit Policies
- Enabling Auditing
- Viewing Audit Information
- Managing Security Logs
- Auditing a Network with MBSA

### **Módulo VI - Protecting Clients and Servers**

- Understanding User Account Control
- Keeping Systems Updated
- Protecting Clients
- Protecting Servers
- Exploring DNS Security Issues

### **Módulo VII - Protecting a Network**

- Identifying Common Attack Methods
- Exploring Firewalls
- Exploring Network Access Protection
- Identifying Protocol Security Methods

### **Módulo VIII - Understanding Wireless Security**

- Comparing Wireless Devices
- Comparing Wireless Security Methods
- Configuring Wireless Routers
- Configuring Windows 7 for Wireless

### **Módulo IX - Understanding Physical Security**

- Comparing Site Security and Computer Security
- Using Group Policy to Enhance Computer Security
- Exploring Mobile Device Security

### **Módulo X - Enforcing Confidentiality with Encryption**

- Comparing Encryption Methods
- Securing Email
- Understanding EFS
- Exploring BitLocker Drive Encryption

### **Módulo XI - Understanding Certificates and a PKI**

- Understanding a Certificate
- Exploring the Components of a PKI

### **Módulo XII - Understanding Internet Explorer Security**

- Exploring Browser Settings
- Comparing Security Zones
- Using IE Tools to Identify Malicious Websites