



Microsoft®
Visual Studio® 2008

Courses

ASP.Net + VB.Net + C# + XML + Web Services + Sql Server2005

Certifications

MCP, MCTS (ASP.Net, C#)

Get the rewards, respect, and recognition you deserve,
Become a Microsoft Certified Professional.



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



CMM (Capability Maturity Model) level Project Standard:-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5. Get the Opportunities to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.

Projects



SUMMARY: This course is designed for Administrators and others who have a need to address security issues on their corporate networks. It will be assumed that attendees are familiar with Windows Server Administration and Network administration and Configuration.

DURATION: 5 Days

OBJECTIVES:

- Principles of Security
- Securing Active Directory
- Securing the Core Operating System
- Securing Common Services
- Managing Security Updates
- Security Assessments and Incident Responses
- Key Principles of Privacy

COURSE CONTENT: I.Key Principles of Security

- Risk Management
- Risk Management Strategies
- Accepting Risk
- 10 Laws of Security Administration

II.Understand the Enemy

- Assess Own Skills Accurately
- Detailed Network Documentation
- Identify the Attacker
- Levels of Trust
- Attackers Have Unlimited Resources

III.User Accounts and Passwords

- Account Security Options
- RunAs Service
- Password Security and Complexity
- Rights and Permissions Using Groups
- AD, File, and Registry Permissions
- Built-In Domain Groups
- Universal Groups
- NTLM
- Kerberos
- DPAPI

IV.Active Directory Objects and Attributes

- Active Directory Schema

V.Group Policy

- Group Policy
- Computer-Related Group Policies



- Preferences vs. Policies
- User-Related Group Policies
- Group Policy Containers
- Block Inheritance

VI.Active Directory Forest and Domains Design

- Autonomy and Isolation
- Enterprise Administration Boundaries
- Physical Security of Domain Controllers
- Designing DNS for AD Security
- Single Namespace
- Designing Authority Delegation

VII.Permissions

- File and Folder Permissions
- Assigning DACLs
- Encrypting File System
- Securing Registry Permissions

VIII.Securing Services

- Managing Service Permissions
- Configuring the DACL for a Service

IX.TCP/IP Security

- Securing TCP/IP
- Denial of Service
- Configuring Registry Settings
- TCP/IP Filtering
- IPSec
- ESP
- Kerberos Authentication
- X.509 Certificates
- IPSec Monitoring

X.Internet Explorer 6 and Office XP

- Security Settings in IE 6
- Security Zones
- ActiveX Controls and Plug-Ins
- Microsoft VM Options
- Security Settings in Office XP

XI.Security Templates

- Security Template Settings
- Account Policies
- Local Policies
- IP Security Policies
- Security Templates Using Group Policy

XII. Auditing Security Events

- Determining Events to Audit
- Audit Policies
- Monitoring Audited Events

XIII. Mobile Computer Security

- Mobile Computers
- Security Updates
- Hardware Protection
- Boot Protection
- Data Protection
- Wireless Networking in Windows XP

XIV. Security for Domain Controllers

- Domain Controller Threats
- Security on Domain Controllers
- Physical Security
- Security Settings by Using Group Policy
- Protecting Against Domain Controller Failure
- Auditing
- Active Directory Communication
- IPSec Encryption

XV. Security for DNS Servers

- Threats to DNS Servers
- Denial-of-Service Attacks on DNS Services
- Restricting DNS Traffic at the Firewall

XVI. Security for Terminal Services

- Threats to Terminal Services
- Securing Terminal Services
- Strengthening Security Configuration of Terminal Server

XVII. Security for DHCP Servers

- Threats to DHCP Servers
- Securing DHCP Servers

XVIII. Security for WINS Servers

- Threats to WINS Servers
- Securing WINS Servers

XIX. Security for Routing and Remote Access

- Remote Access Solution Components
- VPN Protocols
- Threats to Remote Access Solutions
- Securing Remote Access Servers
- Securing Remote Access Clients

XX.Security for Certificate Services

Threats to Certificate Services

Securing Certificate Services

XXI.Security for IIS 5.0

Implementing Windows 2000 Security

Configuring IIS Security

Tools to Secure IIS

Configuring the FTP Service

XXII.Patch Management

Types of Patch

Development of a Hotfix

Windows Update

Installing Service Packs

XXIII.Patch Management Tools

Security Patch Bulletin Catalogue

Windows Update

Automatic Updates

Baseline Security Analyser

XXIV.Security Assessment Tools

Assessing Security Configuration

Performing Security Assessments

XXV.Network Security Assessment

Types of Security Assessment

Penetration Testing

IT Security Audit

Conducting Security Assessments

Conducting Penetration Tests

XXVI.Incident Response Planning

Creating an Incident Response Team

Security Reporting Policy

Creating a Communication Plan

XXVII.Security Incident Response

Common Indicators of Security Incidents

Analysing a Security Incident

Security Investigations

Network Monitoring

XXVIII.Importance of Privacy

Privacy Definition

Formulating an Enterprise Privacy Strategy

XXIX.Privacy for the Corporate Web Site

Defining a Privacy Statement

Internet Explorer 6 Privacy Settings



Microsoft.NET Technology (1.1 + 2.0 + 3.0 + 3.5 Version)



XXX.Privacy in the Enterprise

Selecting Applications Based Privacy

Protecting Employees Privacy

Protecting Customers and Business Partners Privacy