

WCF Training

WCF Overview

- Need for SOA
- Why WCF
- WCF Architecture

WCF Concepts

- Messages
- Channels
- Services
- Behaviors

WCF Programming Model

- Service Model
- WCF Programming Levels
- Installing WCF

Addresses

- WCF Addresses
- Programming WCF Addresses

WCF Buildings

- Predefined Buildings using Code Using Configuration files

WCF Contracts

- Contracts and the relationship with CLR
- Service Contracts
- Service Types
- Data Contracts
- Message Contracts

Clients

- Client Architecture
- Client Communication Patterns
- Defining Client Bindings and Endpoints

Services

- Service Types
- Service Contracts
- Service Endpoints
- Handling Exceptions

Security

- Security Behaviors and Bindings
- Securing Clients and Services

Interoperability and integration

- Web Service Protocol support
- Web Service Enhancements
- Asp.net Web services

Deploying WCF

- Installing WCF Services
- Upgrading Services
- Troubleshooting WCF installation

Hosting WCF Services