3 Days

10263: Developing Windows Communication Foundation Solutions with Microsoft Visual Studio 2010

The course enables the participants to gain the required knowledge and skills required for developing distributed applications using Microsoft® Visual Studio® 2010 and WCF4. The course is specially designed for the .NET developers interested to become Technology Specialists in WCF application development.

Course Objective:

On completion of the course, you will be able to

- Implement service-oriented architecture tenets in WCF services
- Define, implement, and host WCF services
- Test, monitor, troubleshoot, and diagnose WCF services
- Extend WCF with inspectors, formatters, behaviors, and dispatchers
- Secure and ensure service reliability

Course Details

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Course Outline

- Module 1: Service-Oriented Architecture
- Module 2: Getting Started with Microsoft Windows Communication Foundation Development
- Module 3: Hosting Microsoft Windows Communication Foundation Services
- Module 4: Defining and Implementing Microsoft Windows Communication Foundation Contracts
- Module 5: Endpoints and Behaviors
- Module 6: Testing and Troubleshooting Microsoft Windows Communication Foundation Services
- Module 7: Security
- Module 8: Introduction to Advanced Microsoft Windows Communication Foundation Topics

Who Should Attend

Professional .NET programmers who use Microsoft® Visual Studio®

Pre Requisite

The participants must have experience in:

- Web and/or Windows® client applications
- Microsoft® Visual Studio® 2008 SP1
- Familiarity with Microsoft® Visual Studio® 2010
- Purpose, function, and features of the .NET Framework
- C# programming and n-tier application design and development

Date - May 03, 2025