



XML Web Services and Server Components with MS C#.Net

فلاصه :

The goal of this course is to provide students with the knowledge and skills that are required to develop Extensible Markup Language (XML) Web services-based solutions to solve common problems in the distributed application domain. The course focuses on using Microsoft Visual Studio® .NET and Microsoft ASP.NET to enable students to build, deploy, locate, and consume Web services

مدت دوره: ۴۰ ساعت

پیش نیاز: (ASP.Net) MS C#.Net Web-based Applications و MS C#.Net Windows -based Applications

اهداف دوره: در انتهای این دوره دانشجویان قادر خواهند بود:

- Explain how Web services solve problems encountered with traditional approaches to designing distributed applications.
- Describe the architecture of a Web services-based solution.
- Describe the underlying technologies of Web services and explain how to use the Microsoft .NET Framework to implement them.
- Implement a Web service consumer by using Visual Studio .NET.
- Implement a simple Web service by using Visual Studio .NET.
- Publish and deploy a Web service.
- Secure a Web service.
- Implement caching in a Web service.
- Evaluate the trade-offs and issues that are involved in designing a real-world Web service.
- Implement nonstandard Web services such as Hypertext Markup Language (HTML) screen scraping and aggregating Web services.

سرفصل دوره:

The Need for XML Web Services

XML Web Service Architectures

The Underlying Technologies of XML Web Services

Consuming XML Web Services

Implementing a Simple XML Web Service

Publishing and Deploying XML Web Services

Module 7: Securing XML Web Services

Designing XML Web Services

Global XML Web Services Architecture

منبع درسی:

Developing XML Web Services and Server Components with MS Visual C#.Net (MS Press)