

## Why Learn ASP Core Web APIs?

ASP.NET Web API, developers can easily build and expose data and functionality over HTTP, making it accessible from various platforms and devices. The framework includes a number of features that simplify the process of building web services, such as model binding, routing, and error handling.

## Audience Profile :

- Primary: .NET developers who want to learn how to develop services and deploy them to hybrid environments.
- Secondary: .NET developers with Web application development experience who are exploring developing new applications or porting existing applications to Microsoft Azure.

## Prerequisites:

- Programming in HTML5 with JavaScript and CSS3 .
- Programming in C# .
- Developing ASP.NET Core MVC Web Applications .



## Course Overview:

- In this course, students will learn how to design and develop services that access local and remote data from various sources.
- Students will also learn how to develop and deploy services to hybrid environments, including on-premises servers and Microsoft Azure.

## ASP Core Web APIs Outline:

- Application Architecture.
- ASP.NET Core and REST Services.
- Understanding the JSON Format.
- Role of the Design and Performance Considerations.
- Creating API Project.
- EF Core Model.
- API Controllers.
- Http Request Methods.
- Web API Routing.
- Binding and Return Types.
- Create Web API for CRUD (Select – Insert – Update – Delete).
- Running and Test the Web API.
- Creating a Client for Web API.
- Setting Up the HttpClient.
- Consuming API.
- Running the Application.

## Training Solutions:

- ✓ Offline Classroom Instructor-Led Training in our labs or onsite Locations.
- ✓ Virtual Instructor-Led Training Via Virtual Video Conferencing Tools.

## Why Learners Prefer CLS as their Training Services provider ?

- Premium Training Services Accredited from Global Technology Vendors.
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