#### Asp.Net Core

Asp.Net Core is a cross-platform, high-performance, open-source framework for building modern, cloud-enabled web applications and services.

**Cross-platform**

Asp.Net Core apps can be hosted on Windows, LINUX and Mac.

**Can be hosted on different servers**

Supports Kestrel, IIS, Nginx, Docker, Apache

**Open-source**

Contributed by over 1000+ contributors on GitHub

https://github.com/dotnet/aspnetcore

**Cloud-enabled**

Out-of-box support for Microsoft Azure

#### Modules

**Asp.Net Core Mvc**

For creating medium to complex web applications

**Asp.Net Core Web API**

For creating RESTful services for all types of client applications.

**Asp.Net Core Razor Pages**

For creating simple & page-focused web applications

**Asp.Net Core Blazor**

For creating web applications with C# code both on client-side and server-side

#### Asp.Net Web Forms [vs] Asp.Net Mvc [vs] Asp.Net Core

**Asp.Net Web Forms**

* 2002
* Performance issues due to server events and view-state.
* Windows-only
* Not cloud-friendly
* Not open-source
* Event-driven development model.

**Asp.Net Mvc**

* 2009
* Performance issues due to some dependencies with asp.net (.net framework)
* Windows-only
* Slightly cloud-friendly
* Open source
* Model-view-controller (MVC) pattern

**Asp.Net Core**

* 2016
* Faster performance
* Cross-platform
* Cloud-friendly
* Open-source
* Model-view-controller (MVC) pattern