ASP.NET Core Kestrel Web Server

What is a Kestrel Web Server?

▶ As we already discussed the ASP.NET Core is a cross-platform framework. It means it supports developed and run applications on different types of operating systems such as Windows, Linux, or Mac.

▶ The **Kestrel is the cross-platform web server** for the ASP.NET Core application. That means this Server supports all the platforms and versions that the ASP.NET Core supports.

▶ By default, it is included as the internal web server in the .NET Core application.

What is a Kestrel Web Server?

▶ The Kestrel Web Server generally used as an edge server i.e. the internet-facing web server which directly processes the incoming HTTP request from the client.

▶ In the case of the Kestrel web server, the process name that is used to host and run the ASP.NET Core application is **dotnet.exe.**

▶ As of now, we are using visual studio to run the ASP.NET Core application. By default, the visual studio uses IIS Express to host and run the ASP.NET Core application. So the process name is IIS Express

▶ We can also run the ASP.NET Core application from the command line using the .NET Core CLI. The CLI stands for Command Line Interface.

Thanks