Azure Terminologies

# Kubernetes

* Also known as K8s, is an open-source system for automating deployment, scaling, and management of containerized applications.
* It groups containers that make up an application into logical units for easy management and discovery. It’s originated from Google.

# Kestrel web server

* Kestrel is a cross-platform web server for ASP.NET Core. Kestrel is the web server that's included and enabled by default in ASP.NET Core project templates.
* Kestrel is supported on all platforms and versions that .NET Core supports.
* ASP.NET Core project templates use Kestrel by default when not hosted with IIS. In the following template-generated Program.cs, the WebApplication.CreateBuilder method calls UseKestrel internally:

|  |
| --- |
| var builder = WebApplication.CreateBuilder(args);  var app = builder.Build();  app.MapGet("/", () => "Hello World!");  app.Run(); |