.NET Microservices Architecture for Containerized .NET Applications

# Introduction to Containers and Docker

Containerization is an approach to software development in which an application or service, its dependencies and its configuration are packaged together as a container image. The containerized application can be tested as a unit and deployed as a container image instance to the host operating system.

Containerization also isolate applications from each other on a shared OS.

Another benefit of containerization is scalability.

# What is Docker?

Docker is an open-source project for automating the deployment of applications as portable, self-sufficient containers that can run on the cloud or on-premises.

Docker containers can run anywhere, on-premises in the customer datacentre, in an external service provider or in the cloud.