Working with ASP.NET Core SignalR

Roland Guijt

MVP | CONSULTANT | TRAINER | AUTHOR

@rolandguijt   rolandguijt.com

Module Overview

Implementing a hub

Configuring SignalR

Using hubs in your application

Authentication and authorization

Creating a browser client

Transport negotiation

Creating a .NET client

Configuring MessagePack

Deploying

Azure SignalR service

Alternative

```
await Clients.Caller.SendAsync("ReceiveOrderUpdate",
    "Steaming milk");

orderHandler.SteamMilk(orderId);

await Clients.Caller.SendAsync("ReceiveOrderUpdate",
    "Quality control");

orderHandler.QualityControl(orderId);

//etc
```

Understanding ASP.NET Security

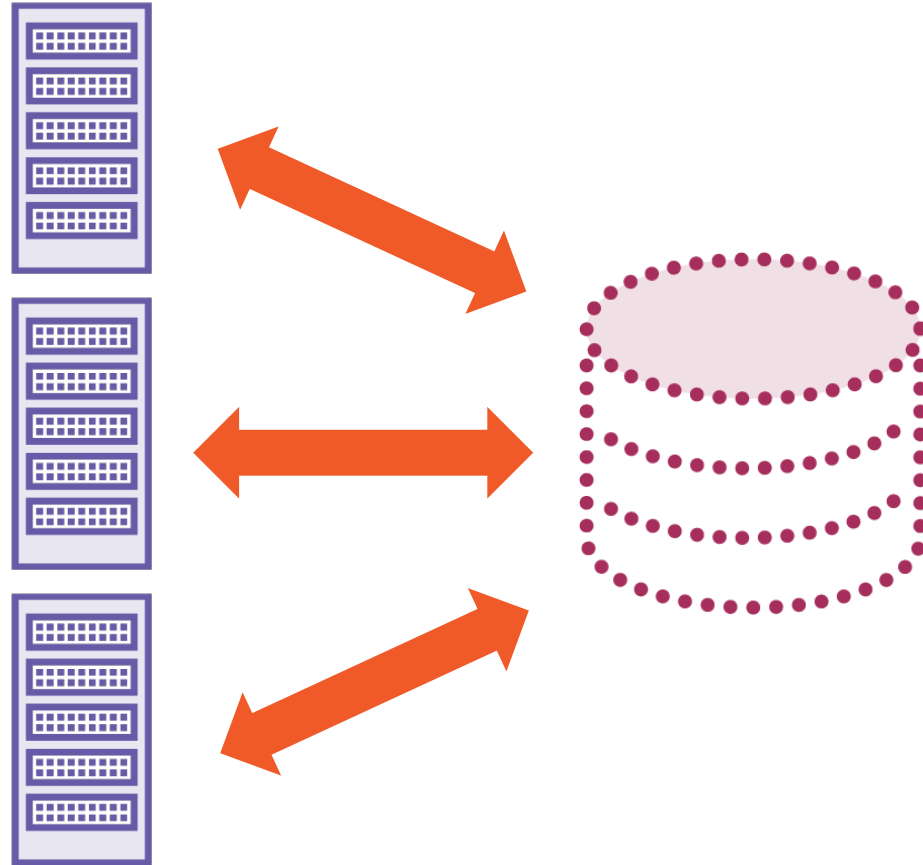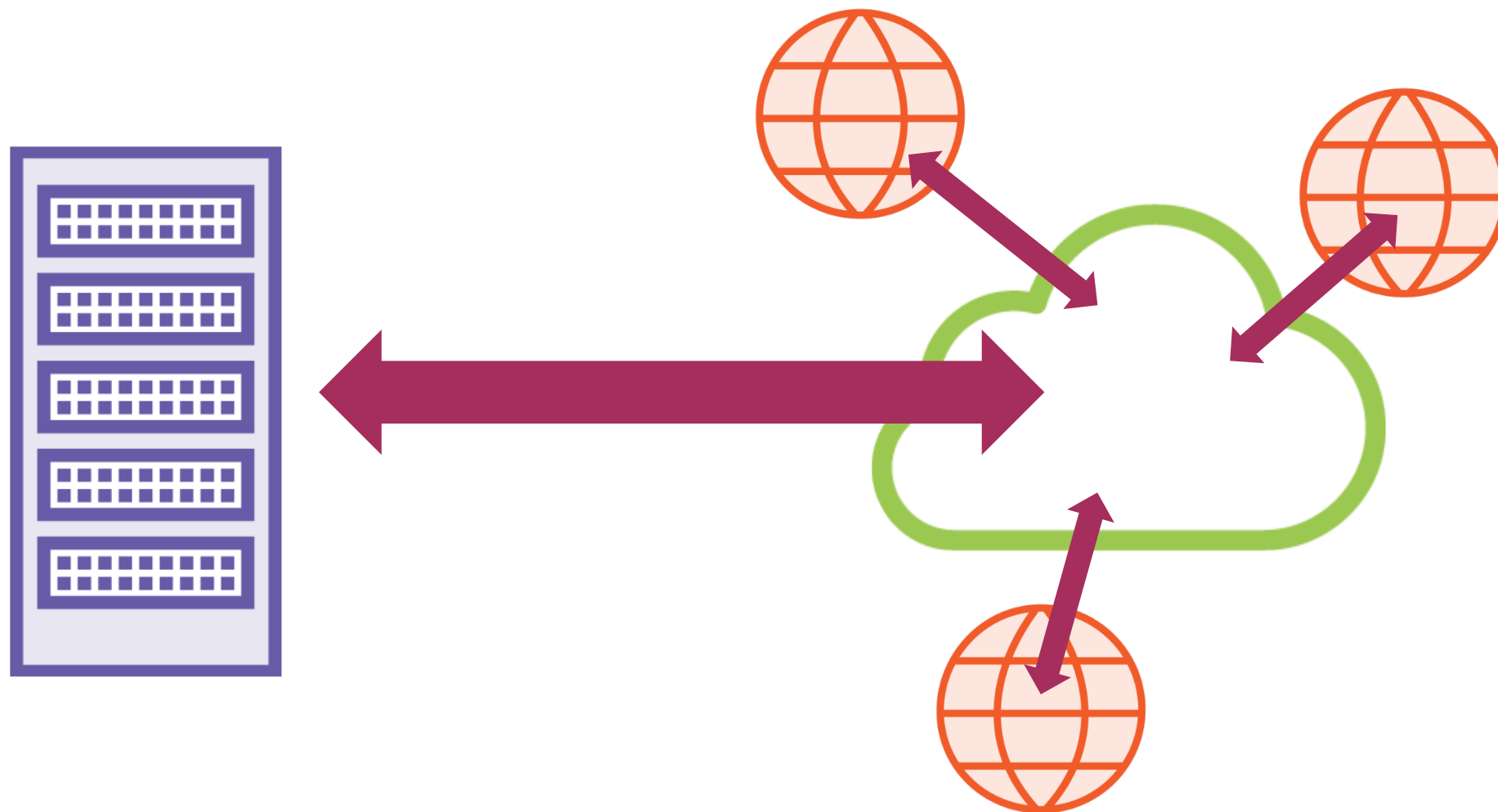The client side of a SignalR app needs a SignalR library

https://4sh.nl/signalrmessagepack

@aspnet/signalr-protocol-msgpack

https://4sh.nl/appservicelimits

Scaling Out

Azure SignalR Service

Summary

Server implementation

Client implementation

Security

Deploying and scaling out