Hosting, Deploying, and Scaling a SignalR App

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Module Overview

Deploying

Scaling out

Backplanes

Redis backplane

Azure SignalR Service

https://4sh.nl/appservicelimit
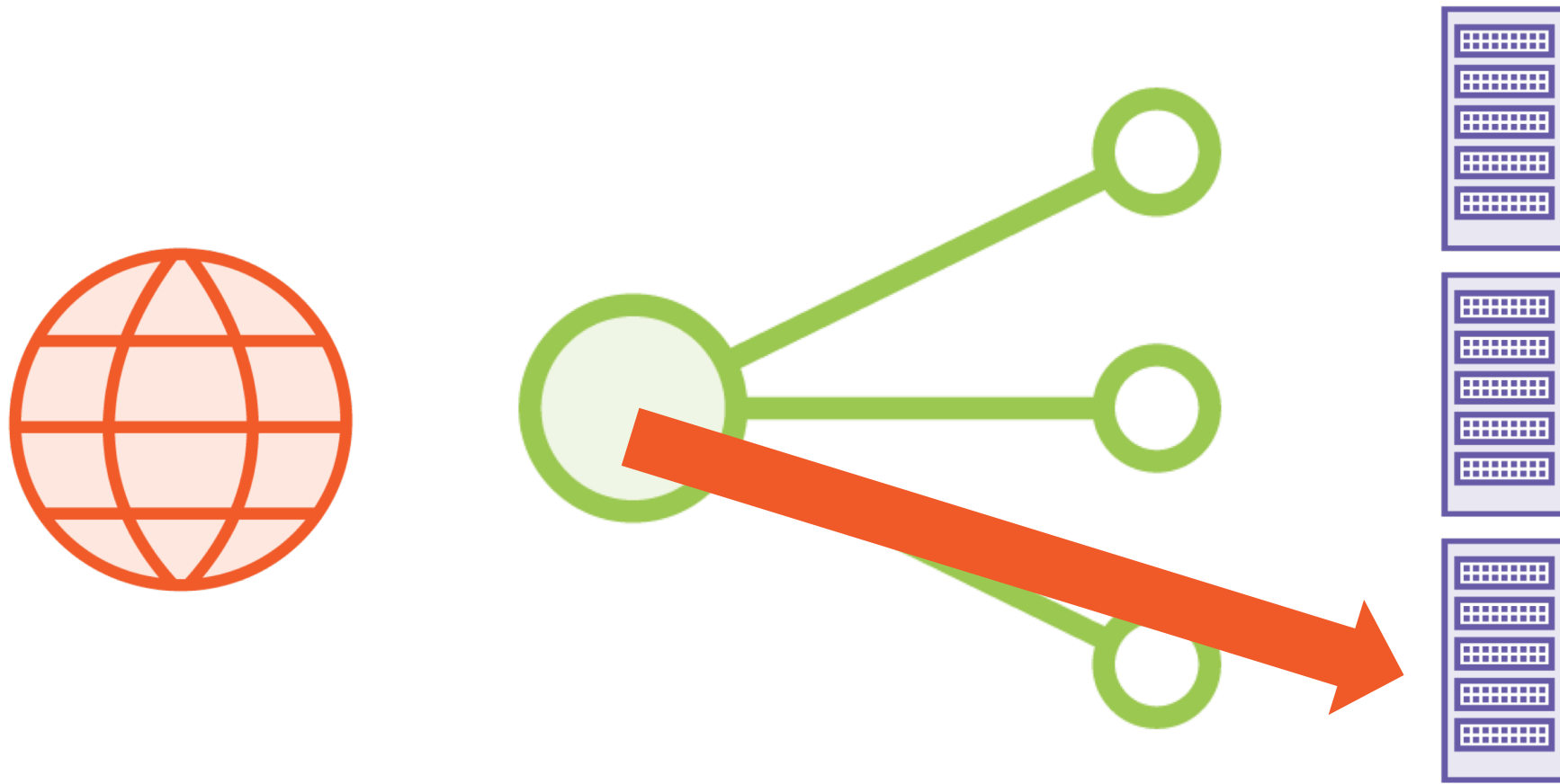s

Scaling Out

Running on multiple servers
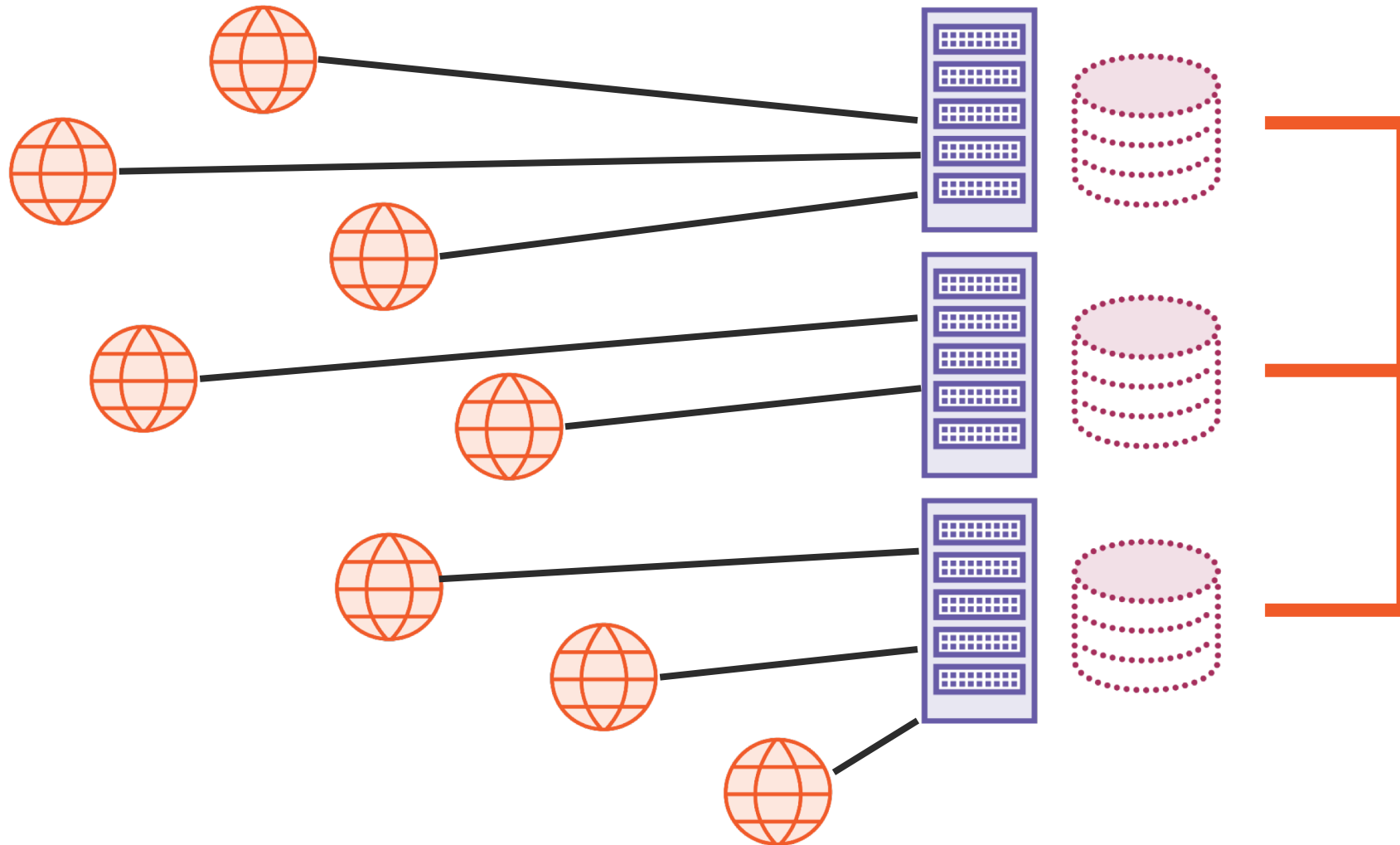
Load balancer picks server

Problem with non-WebSockets transport
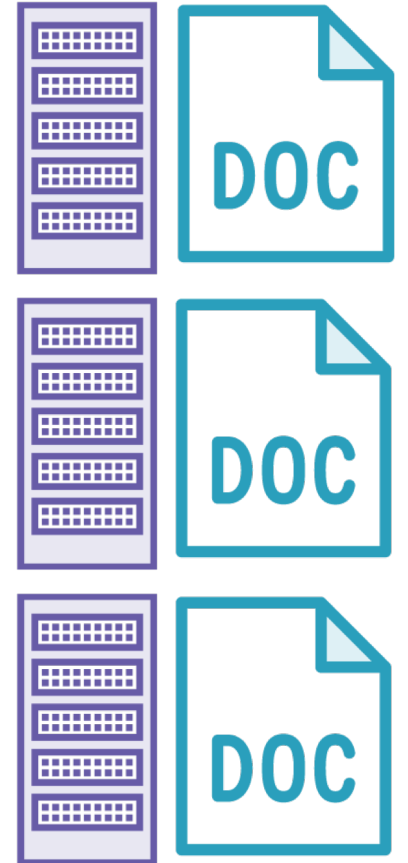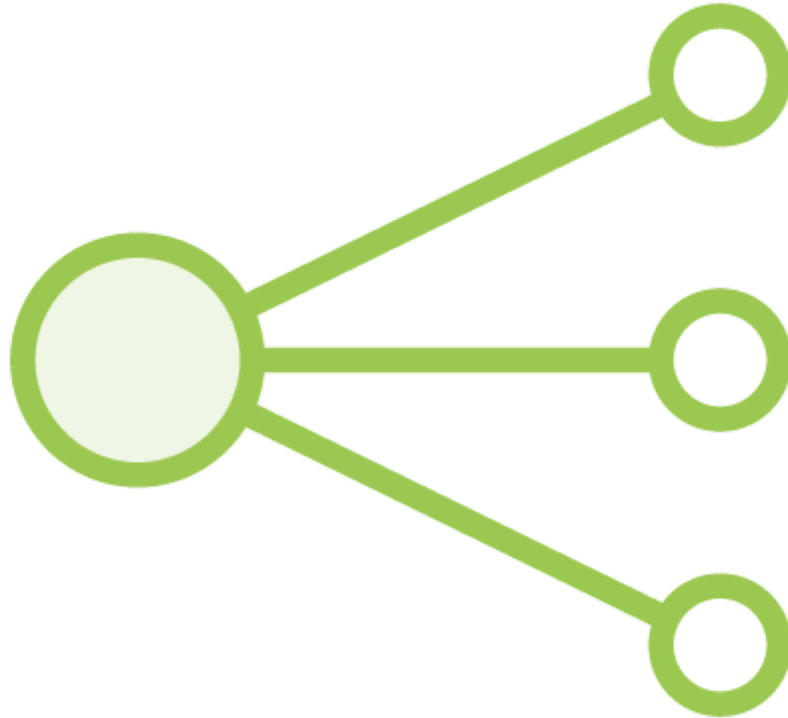
Scaling Out

Backplane

Scaling Out

The Message Bus

```csharp
public interface IMessageBus
{

    Task Publish(Message message);

    IDisposable Subscribe(..);
}
```

Backplane Types

Azure Service Bus

Redis

SQL Server
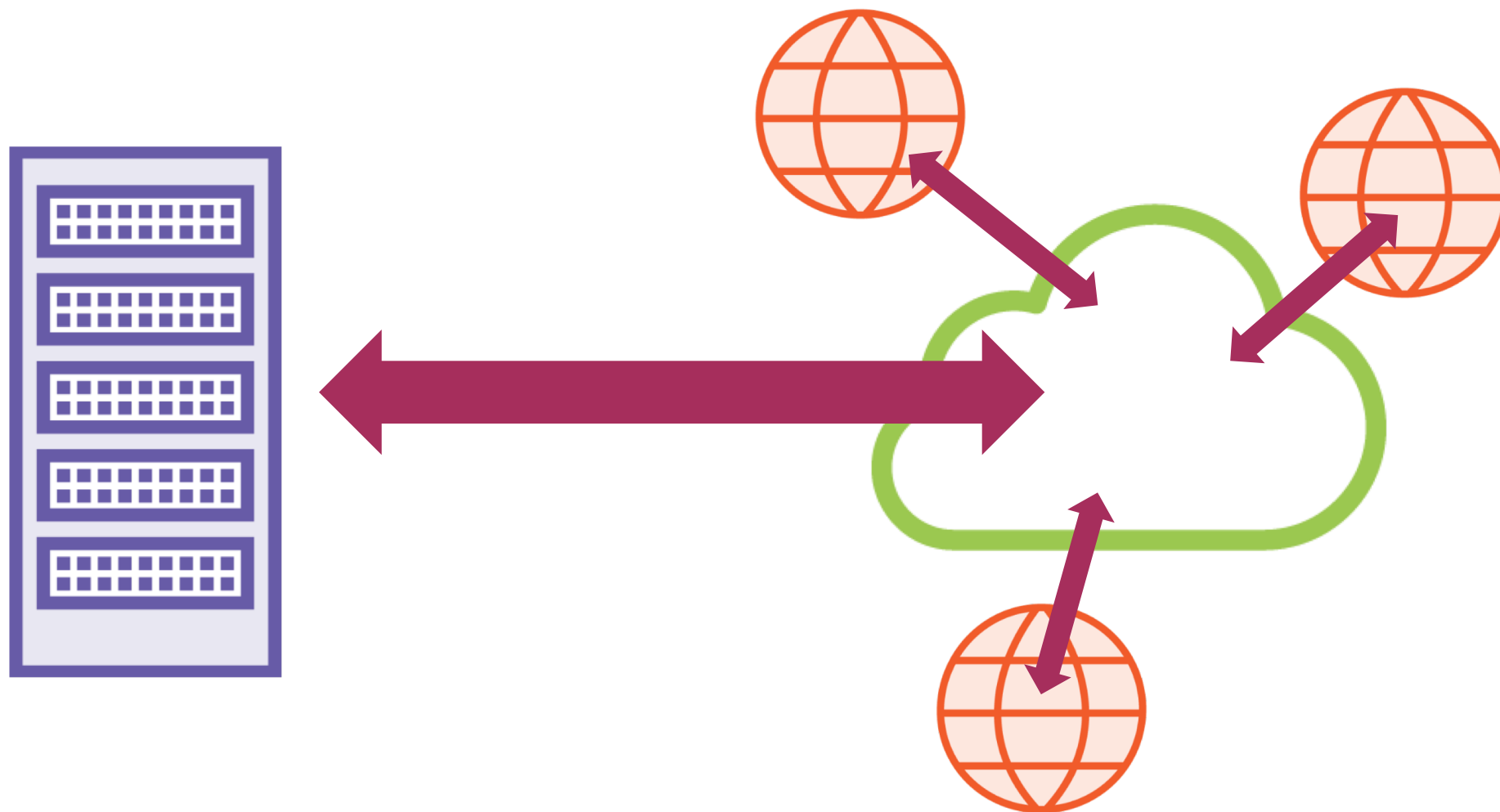
https://4sh.nl/signalrscaleout

Why Azure SignalR?

Maintenance and configuration of data store or message service

Connection limits

Azure SignalR Service

Summary

Turn on WebSockets support

When scaling out:

Use a backplane

Or the Azure SignalR Service