Creating the Web Application

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Introduction

Web application

CDN

Custom domains and TLS

Traffic Manager

Global deployment

A First Look at the Web Application

Internationalcookies.eu

ASP.NET Core
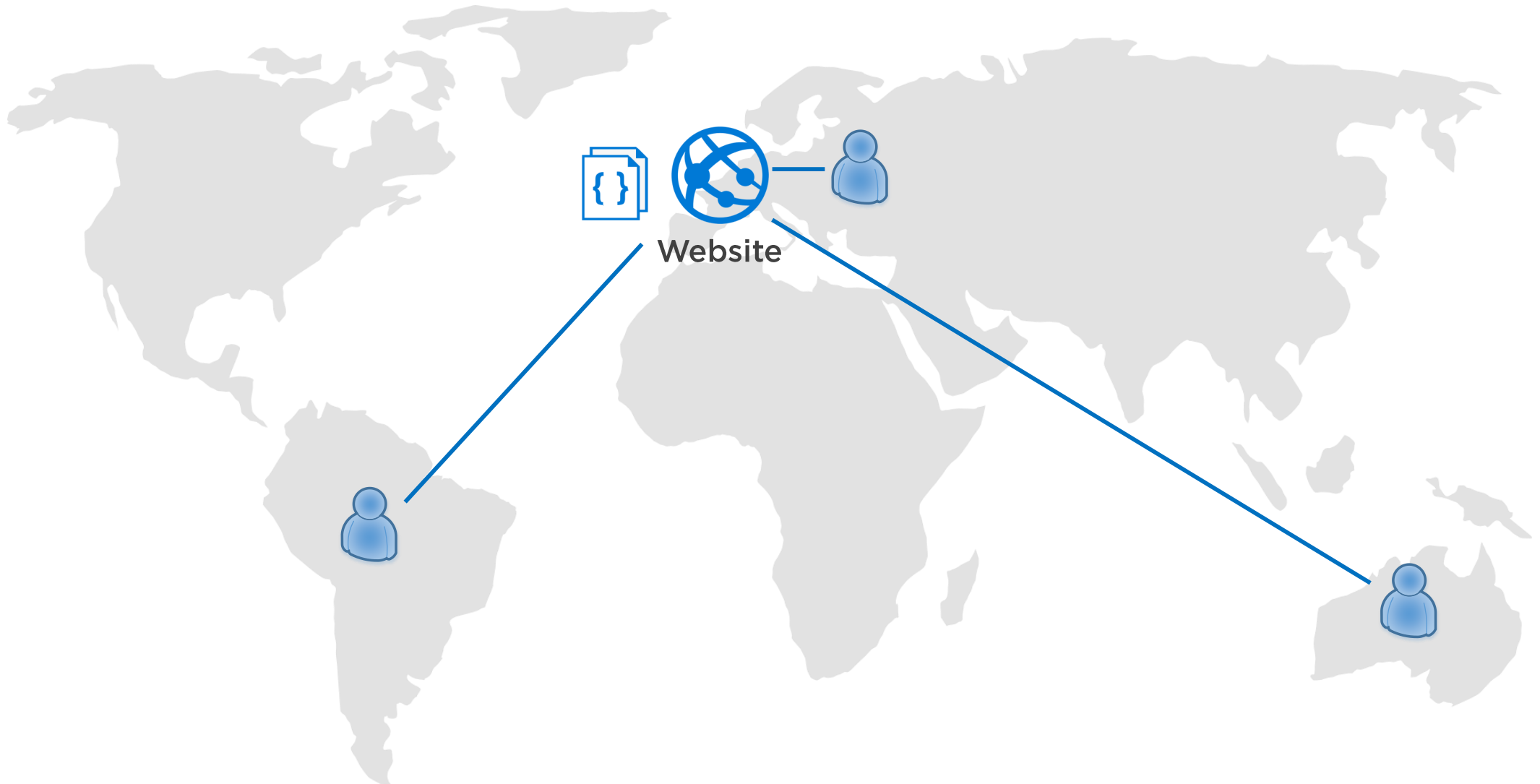

Azure Web App

Demo

Create the website

Publish it to Azure
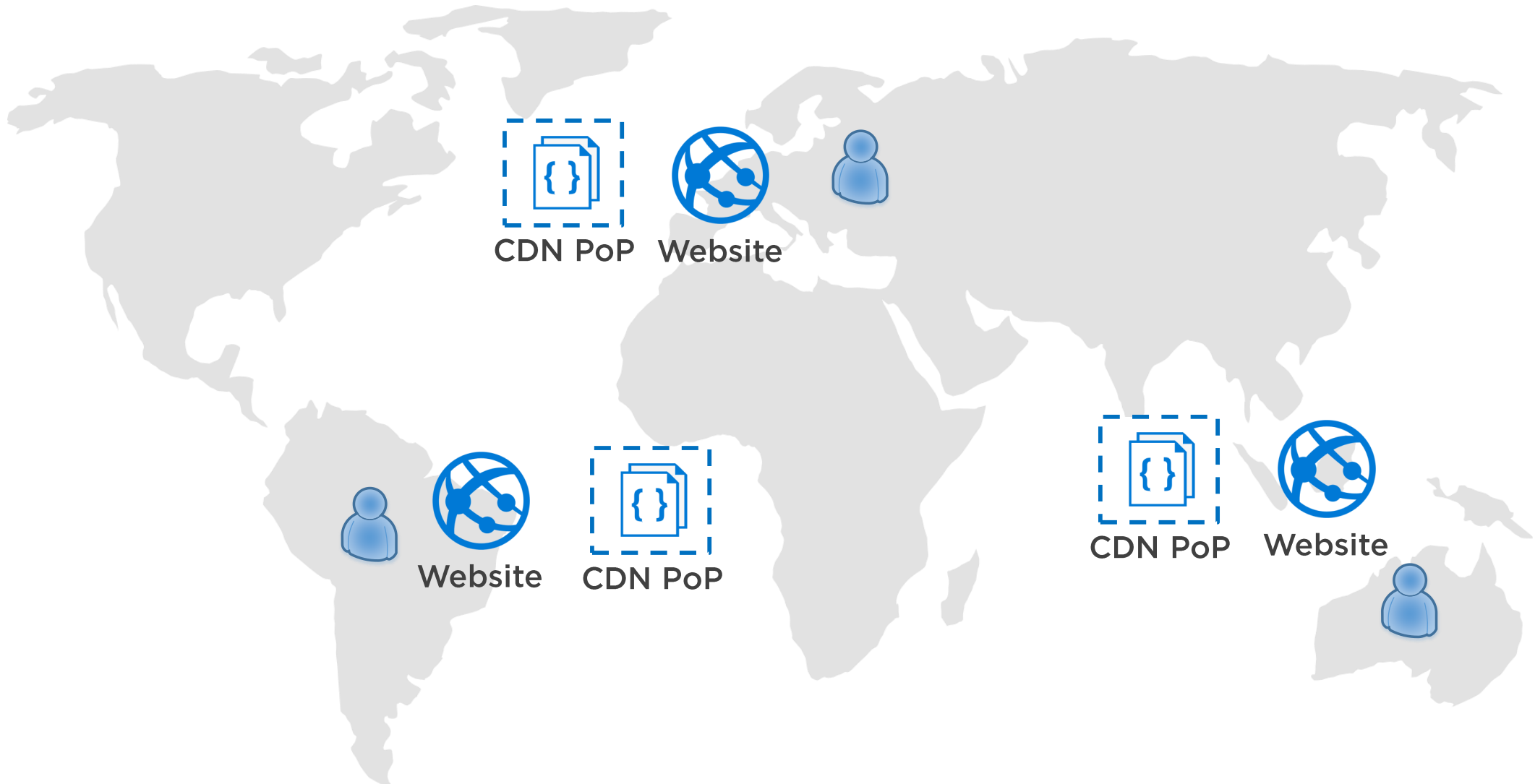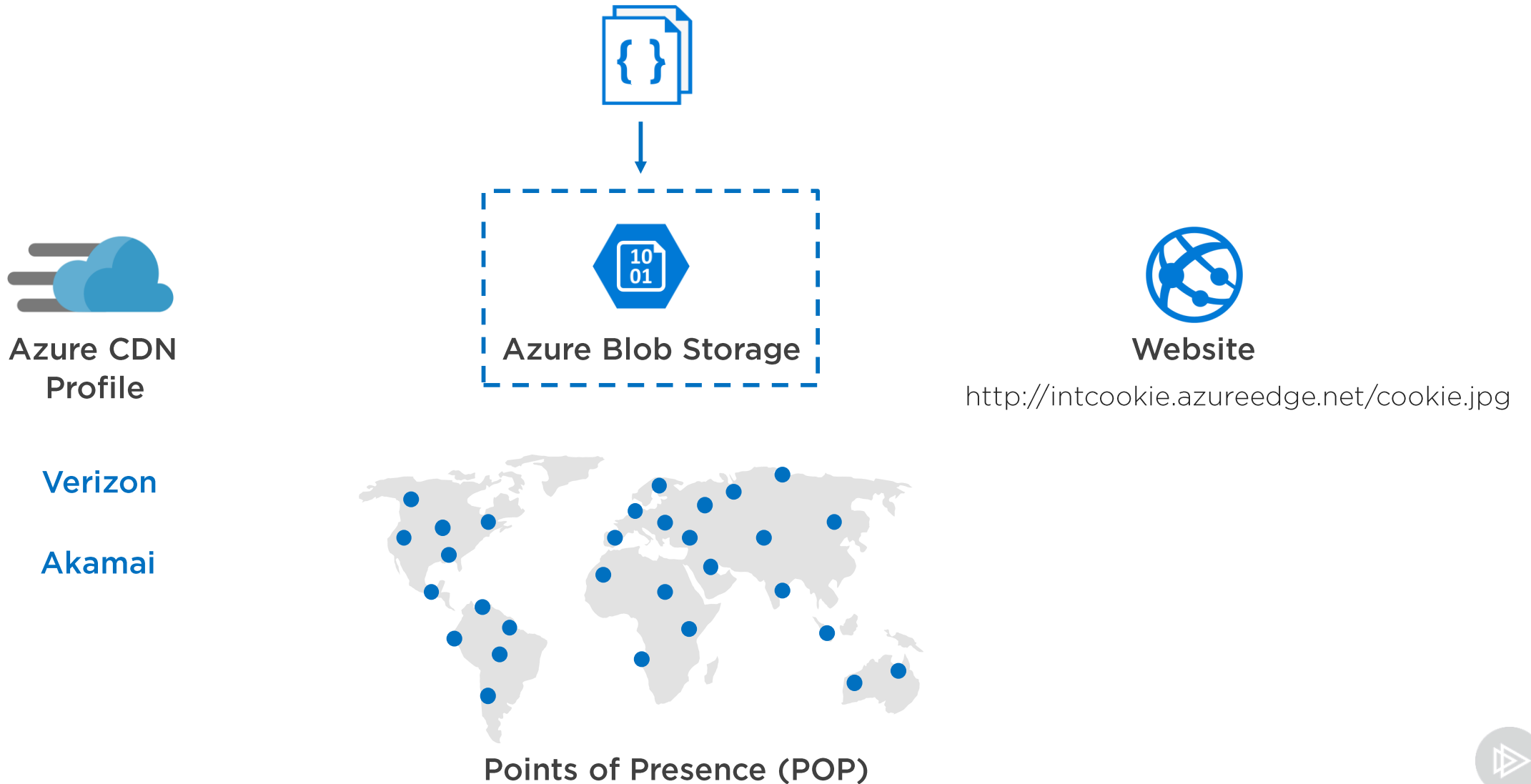
Implement CDN to Speed up Our Website

What is CDN?

Website

What is CDN?

Website

Website

Website

What is CDN?

What is CDN?

Azure CDN Profile

Verizon

Akamai

Azure Blob Storage

Points of Presence (POP)

Website

http://intcookie.azureedge.net/cookie.jpg

Demo

CDN profile and endpoint

Visual Studio 2015

Azure Portal

Using Custom Domains and TLS

Custom Domains in Azure

Web App

URL
http://internationalcookies.azurewebsites.net

VIP (Virtual IP Address)
52.178.45.139

May change
- recreate Web App
- change to Free

Custom Domains in Azure

1

Change DNS at your domain registrar

2

Couple the domain to your Web App in Azure

Demo

Domain registrar

Azure Portal

TLS in Azure

Web App

URL

HTTPS://internationalcookies.eu

TLS in Azure

App Service Certificate

Azure Key Vault

Web App

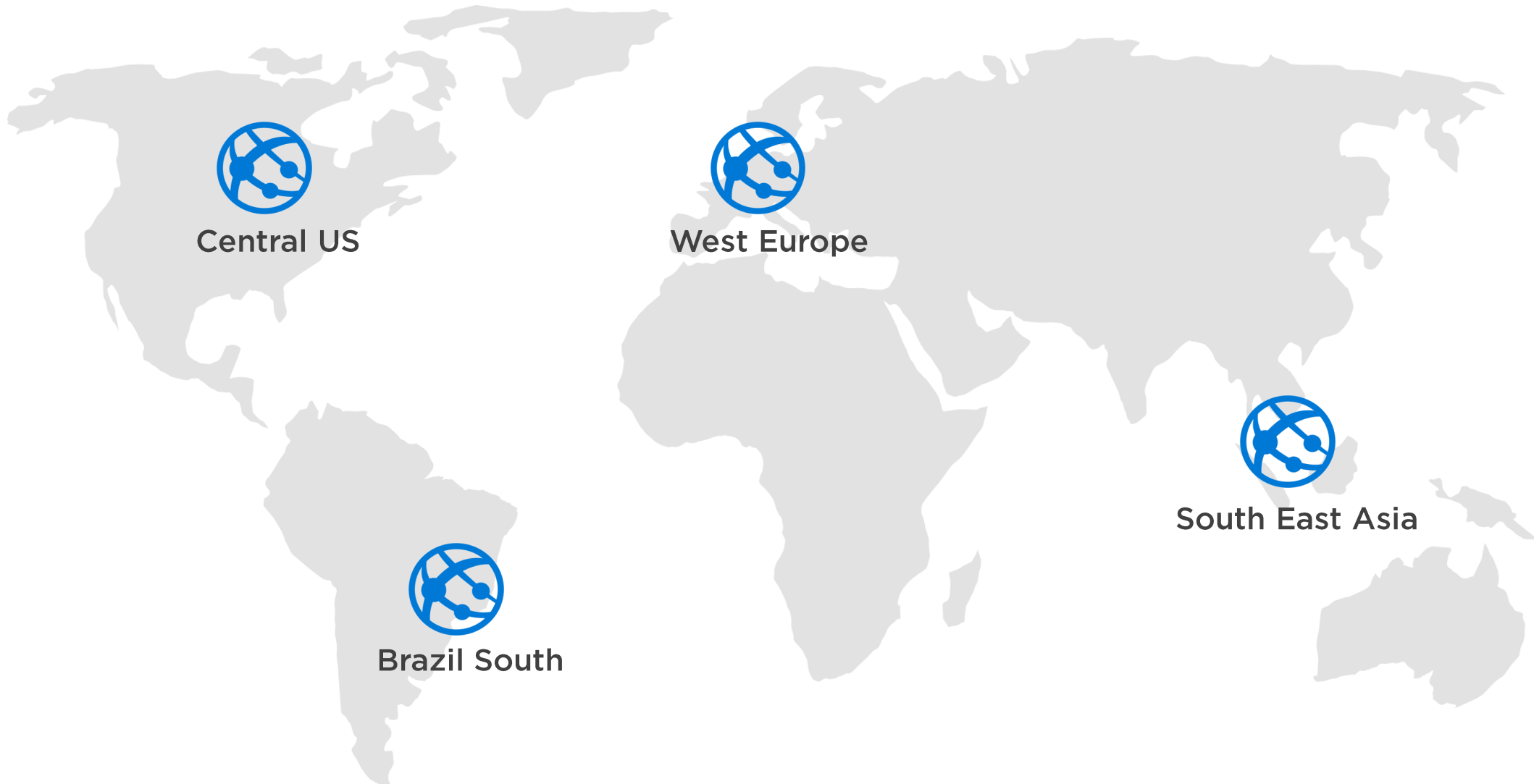HTTPS://internationalcookies.eu

Demo

Buy an App Service Certificate

Azure Portal

Global Scale with Azure Traffic Manager

Traffic Manager
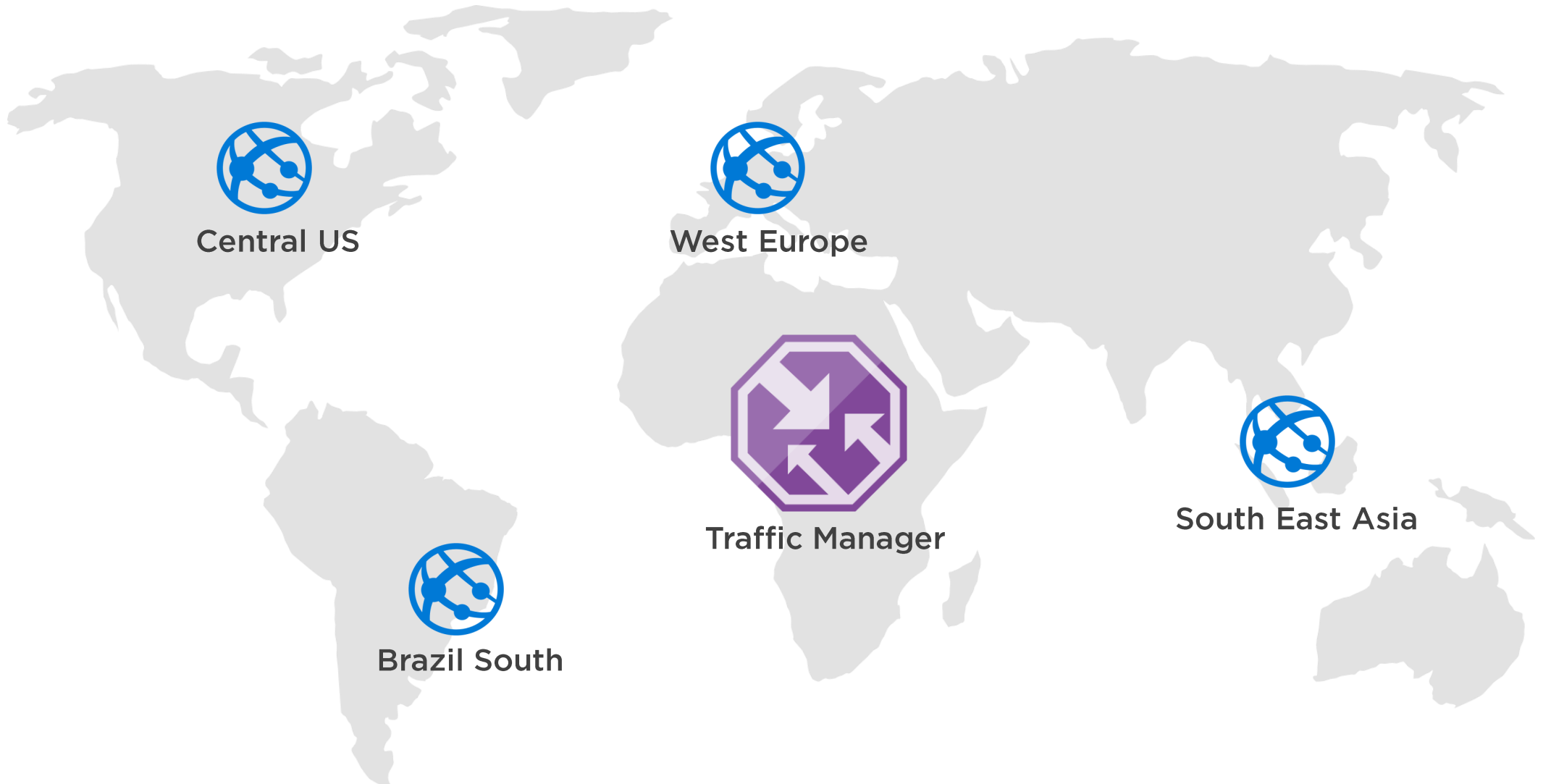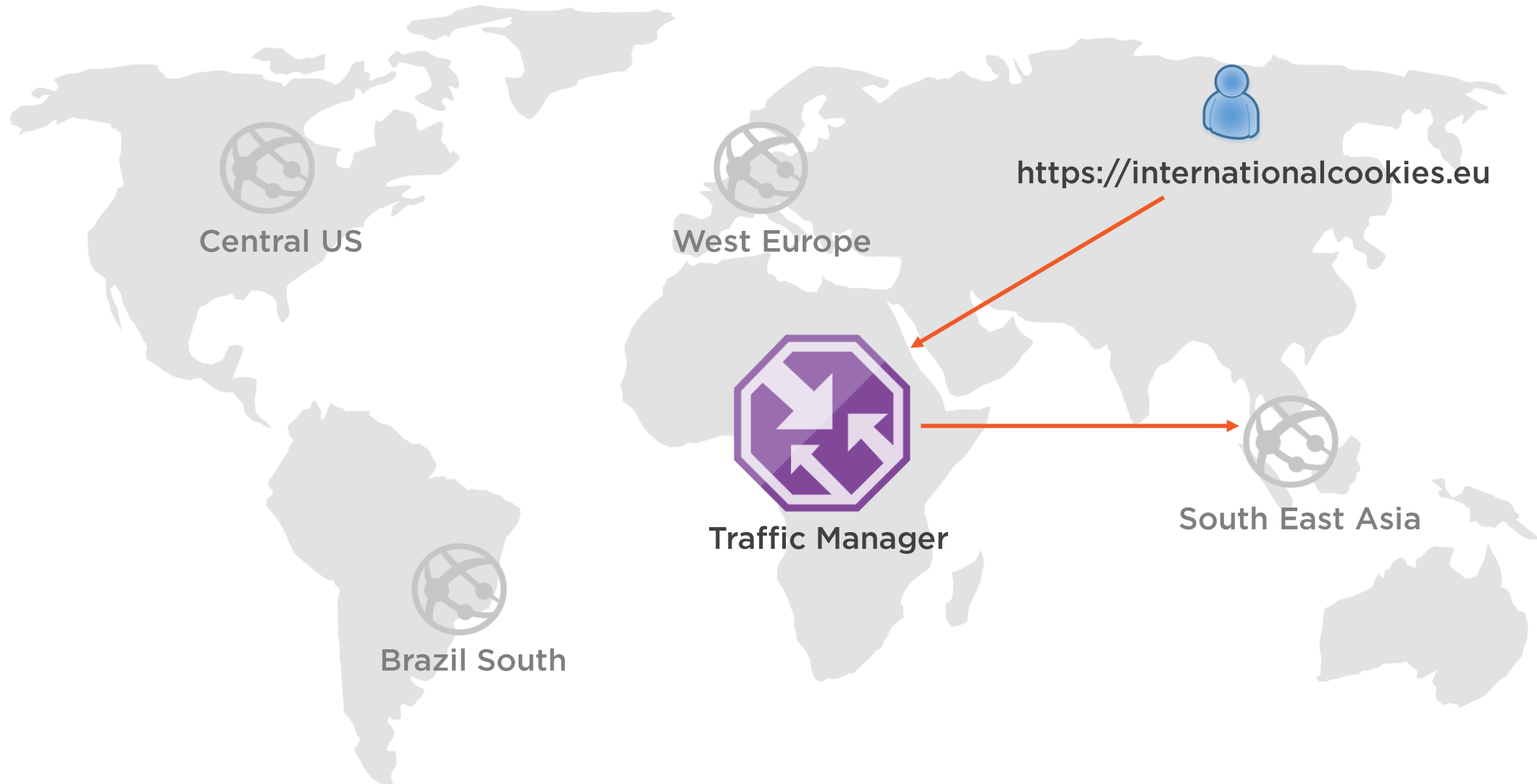
Traffic Manager

Traffic Manager

Central US

West Europe

https://internationalcookies.eu

Traffic Manager

South East Asia

Brazil South

What to Deploy?
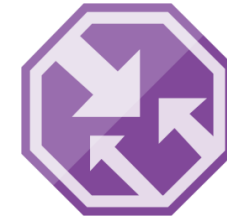
Web App
WE

Storage Account
WE

CDN Profile + Endpoint
WE

App Service Certificate
WE

Key Vault
WE

Traffic Manager + Endpoints
Global

What to Deploy?
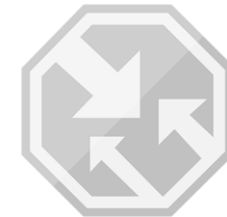
Web App
WE

Storage Account
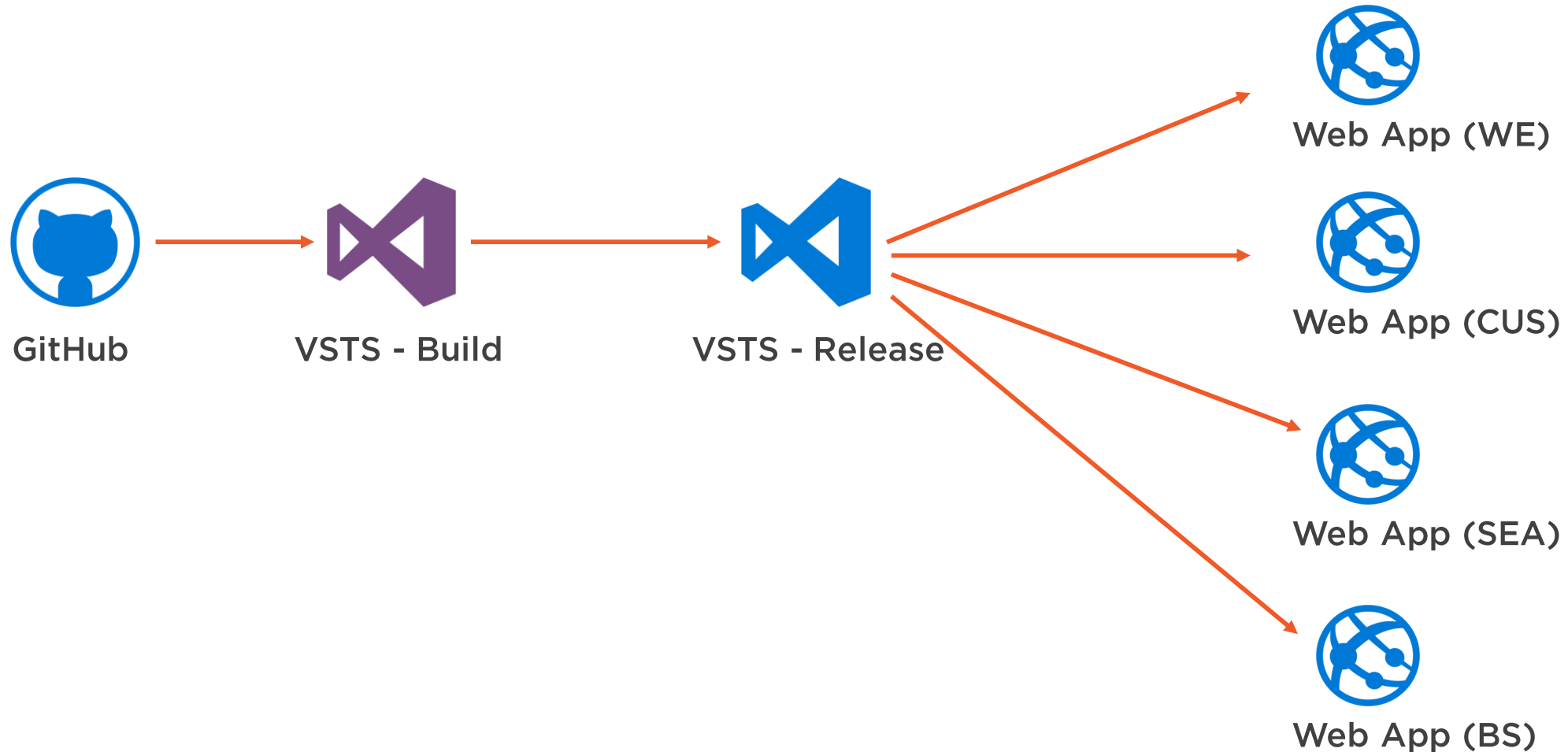WE

CDN Profile + Endpoint
WE

App Service Certificate
WE

Key Vault
WE

Traffic Manager + Endpoints
Global

How to Deploy?

Demo

Create Web Apps

Traffic Manager

Visual Studio Team Services

Summary

How to deploy a website to a Web App

How CDN works

Custom domains / Azure App Certificate

Traffic Manager

Visual Studio Team Services