



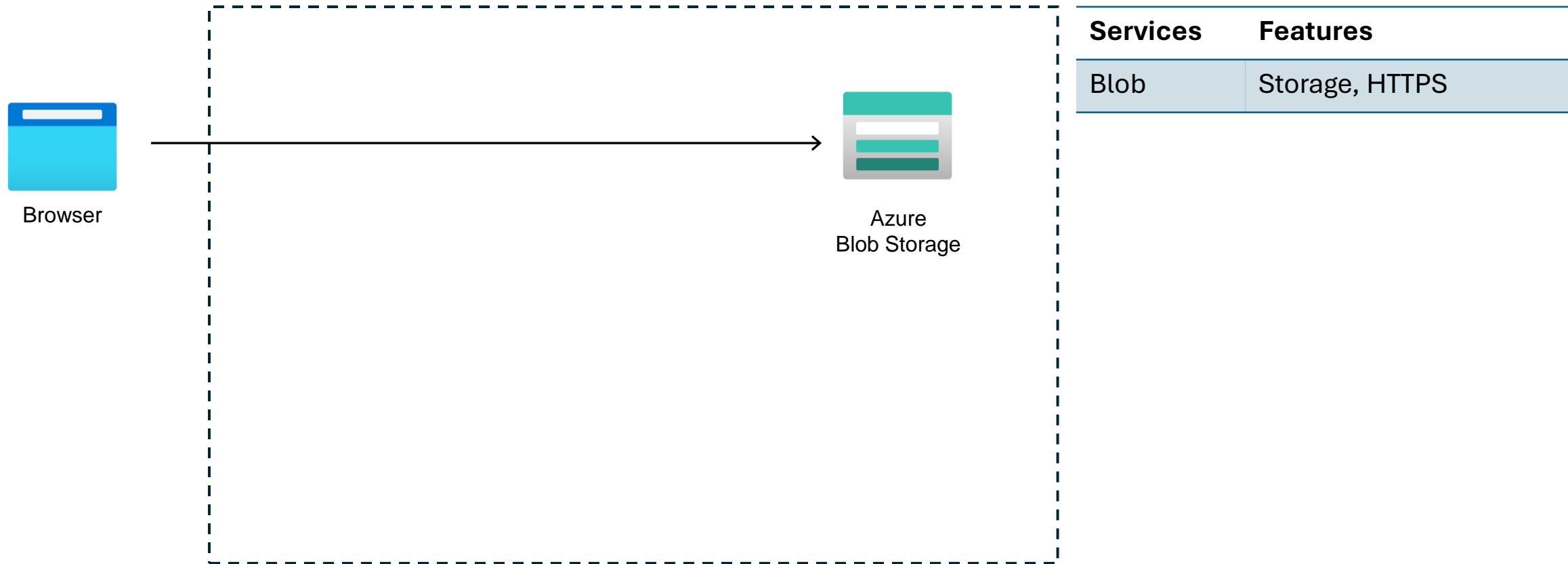
Daniel Colón

Hosting a Static Website on Azure Blob Storage

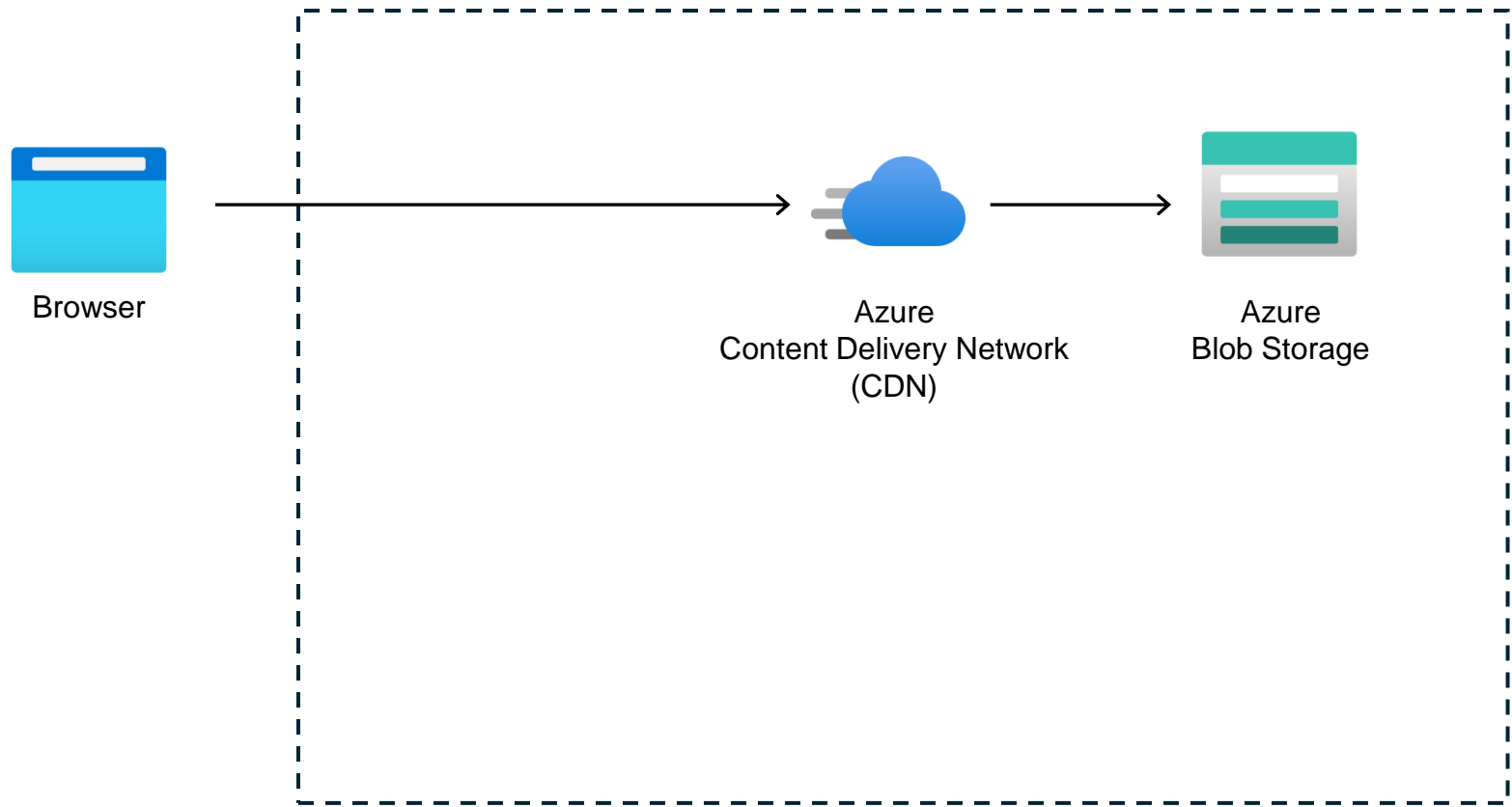
Agenda

- Static Website Hosting
- Static Website using a Custom Domain
- Dynamic Static Content

Azure Static Website Hosting

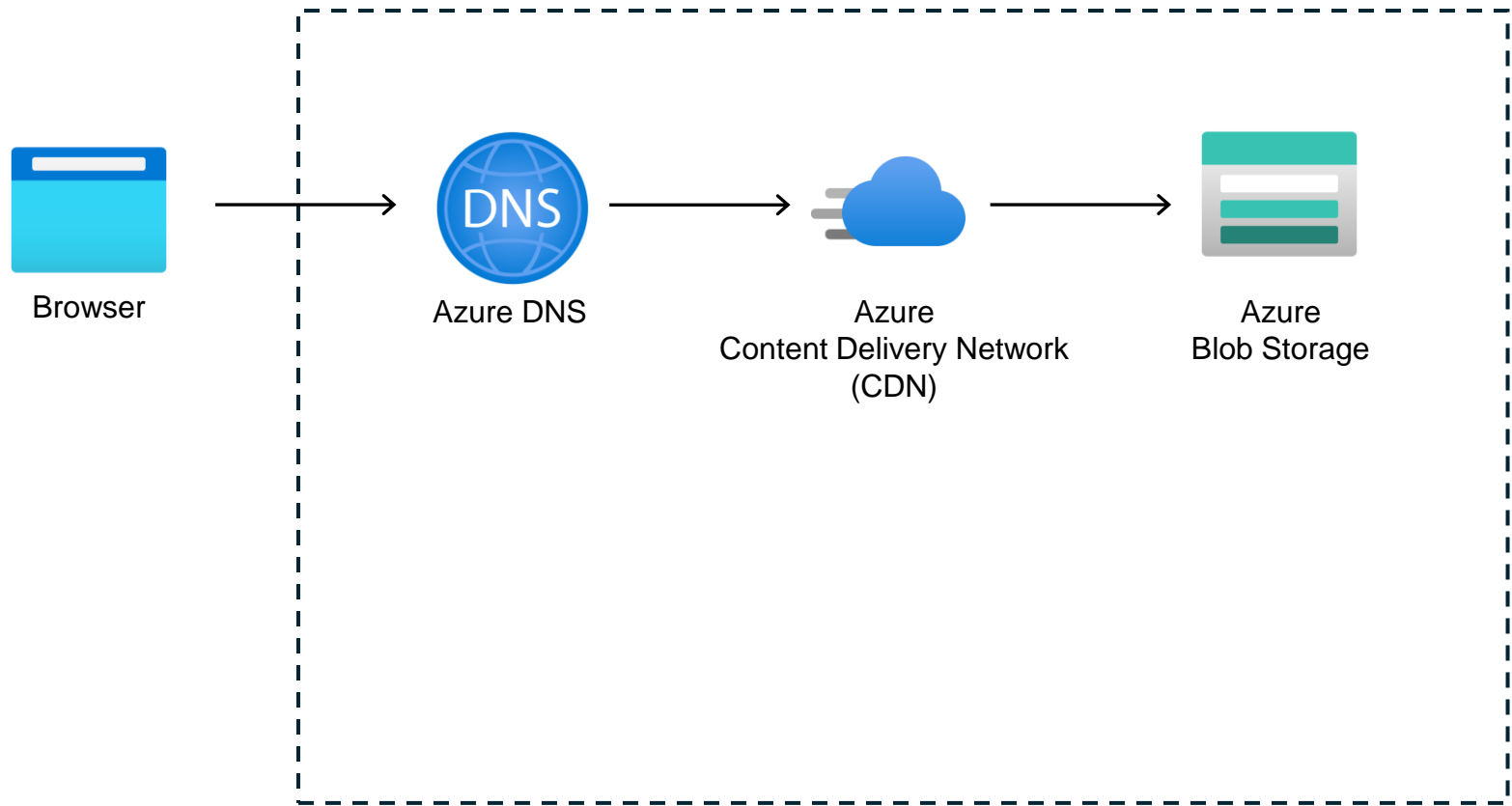


Azure Static Website Hosting



Services	Features
Blob	Storage, HTTPS
CDN	Caching, SSL

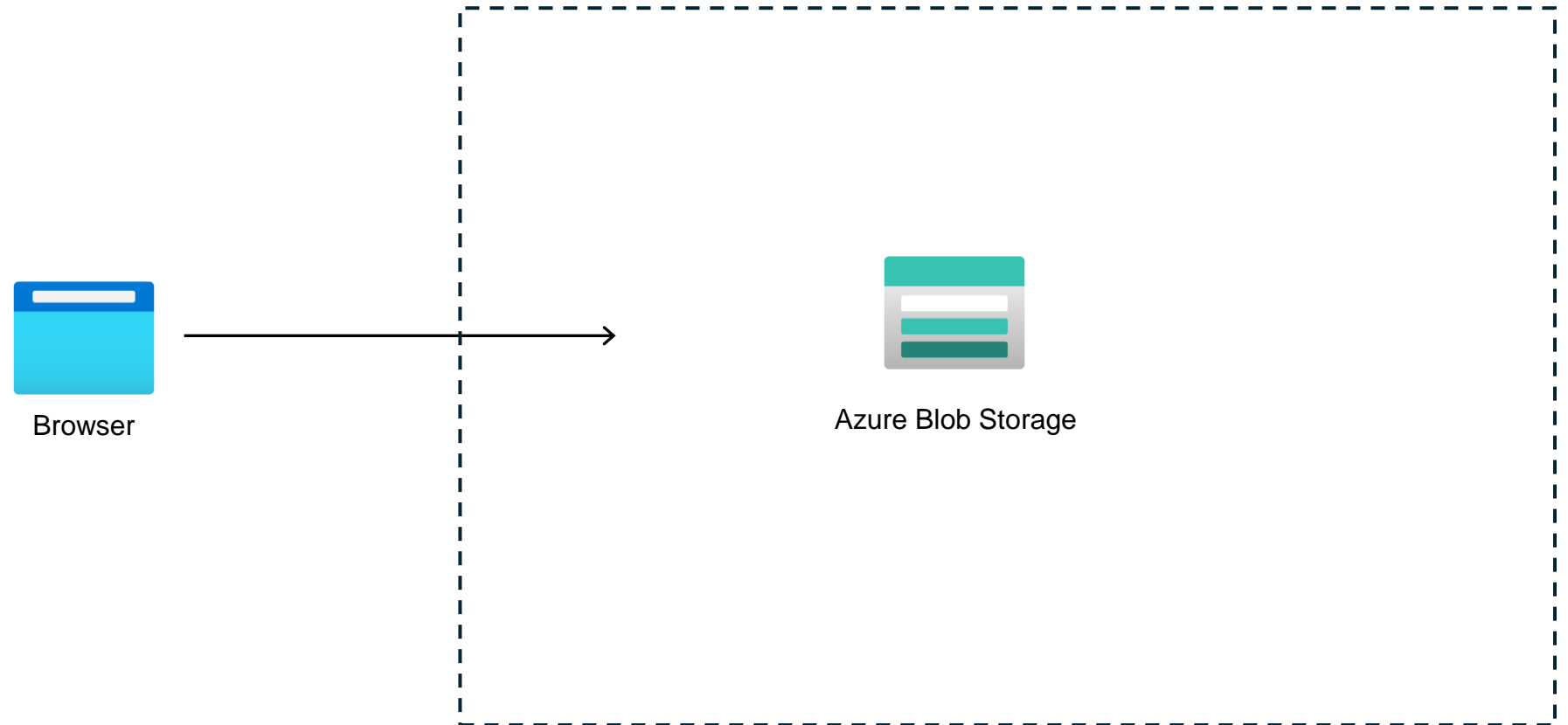
Azure Static Website Hosting



Services	Features
Blob	Storage, HTTPS
CDN	Caching, SSL
DNS	Custom Domain Name

Tutorial:

Static Website on Azure Blob Storage



Introduction

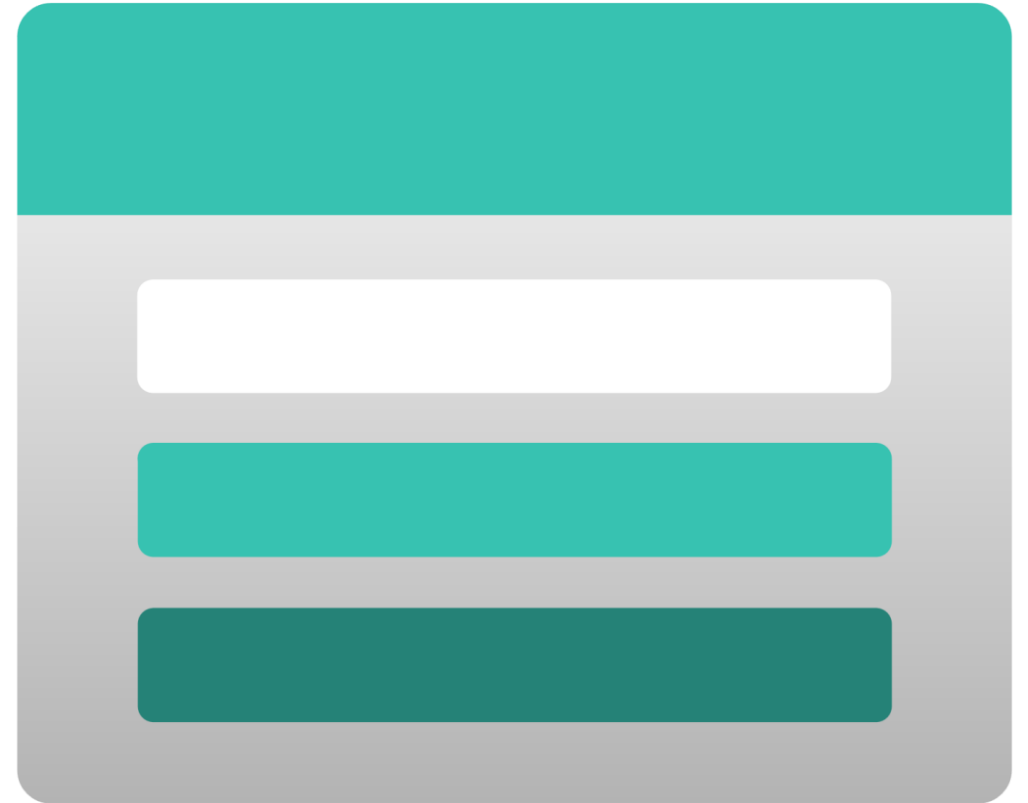
- Azure Blob Storage is a scalable and secure object storage solution provided by Microsoft Azure.
- Hosting a static website on Azure Blob Storage is a simple and cost-efficient option.

Prerequisites

- 1.Azure Account:** You need an Azure account to create a storage account and configure web hosting.
- 2.Static Website Content:** Prepare your static website files (HTML, CSS, JavaScript, images, etc.).

Azure Storage

- Storage service offering durable, highly available, and scalable data storage at low cost
- Simple key-based object store
- Offers static web hosting



Optional Enhancements

- **Custom Domain**

Configure a custom domain using Route 53 or another DNS provider.

- **HTTPS**

Enable HTTPS using Amazon CloudFront and obtain an SSL certificate.

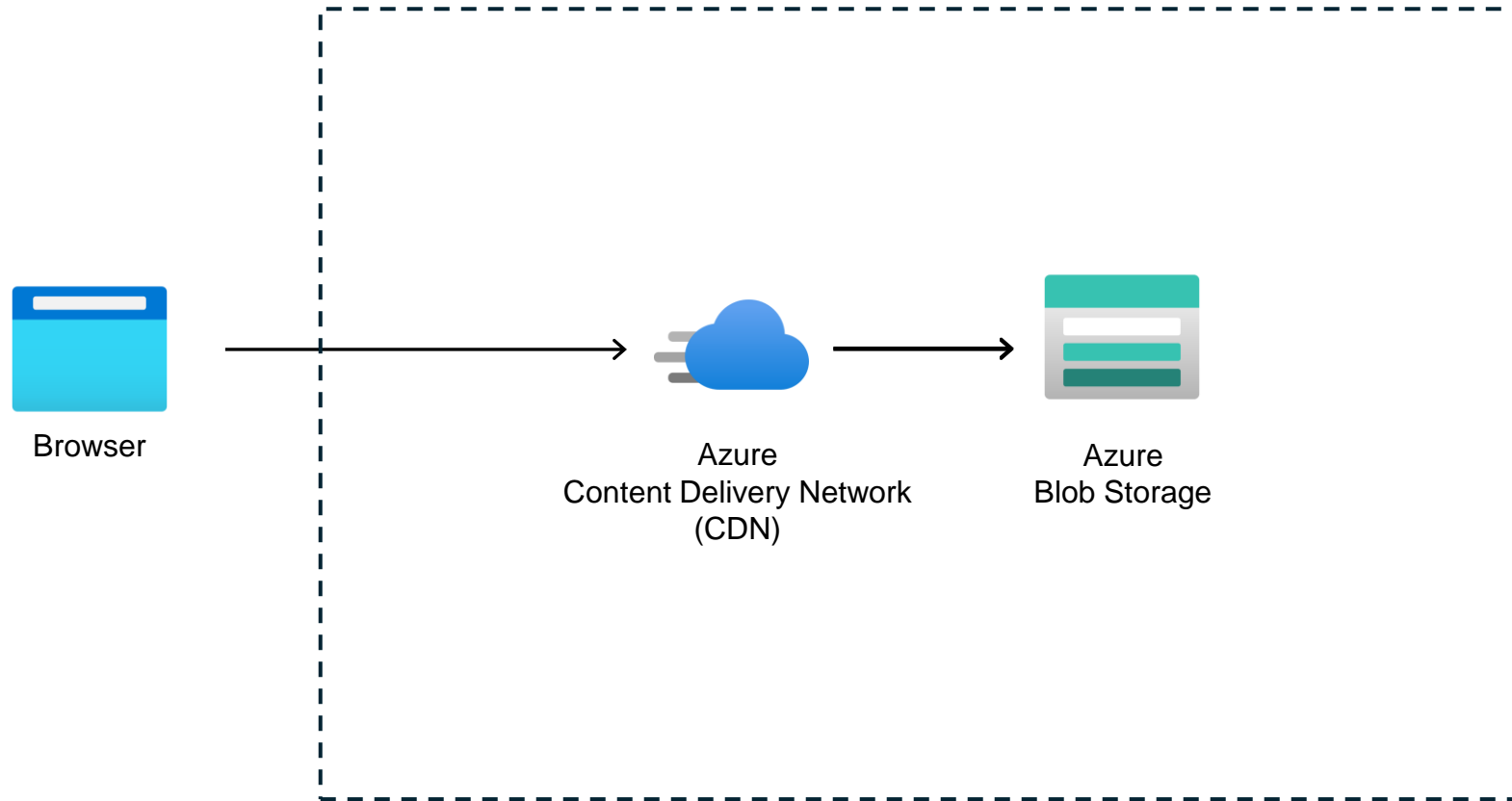
- **Logging and Monitoring**

Set up S3 logging and enable CloudWatch metrics for monitoring.

- **Dynamic content**

Client-side scripts to provide dynamic content

Tutorial: Hosting via CDN



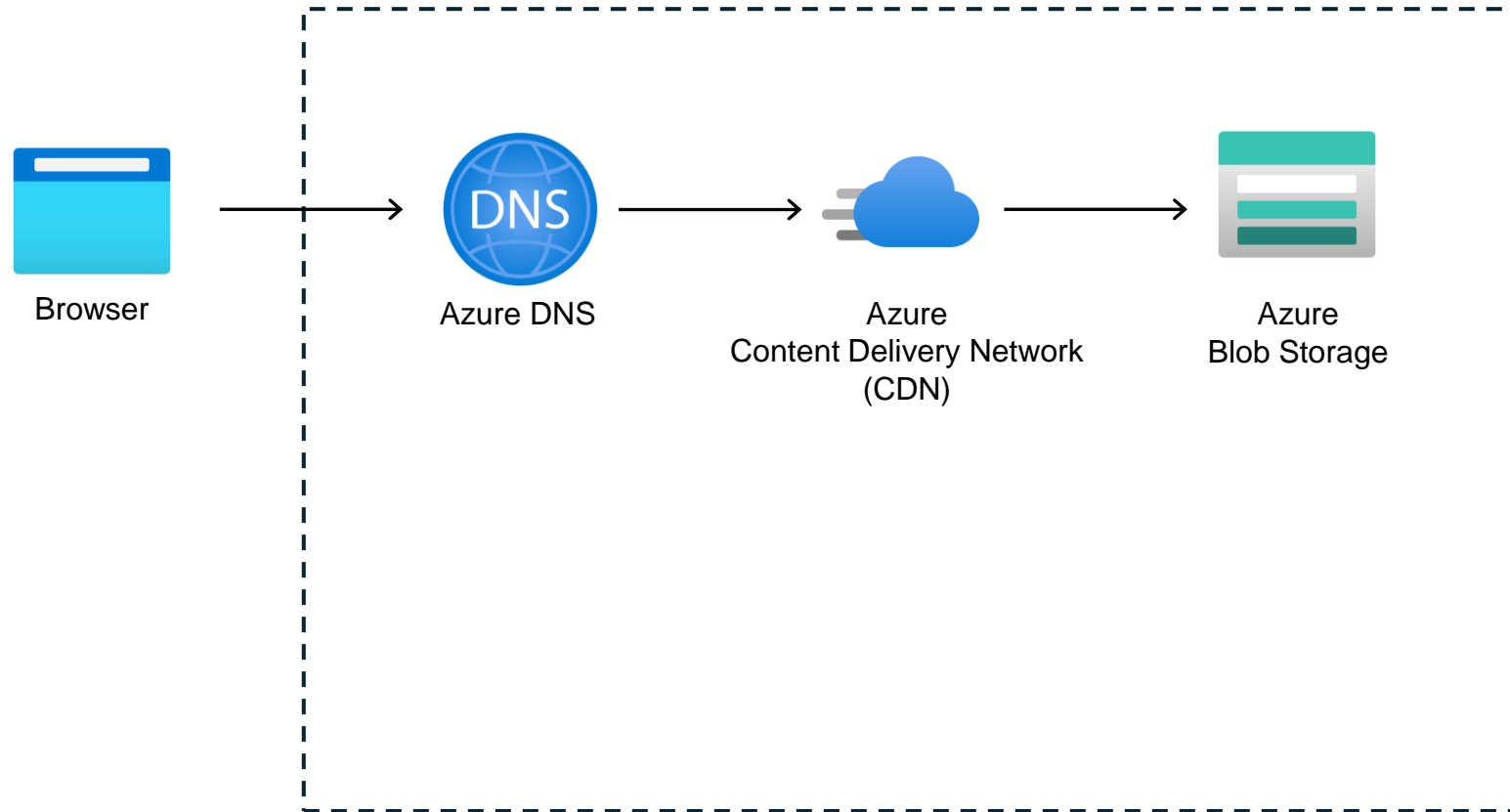
Azure Content Delivery Network (CDN)

- Content Delivery Network
- Distribute content with low latency and high data transfer speeds
- Supports wildcard SSL certificates, Dedicated IP, Custom SSL and SNI Custom SSL



Tutorial:

Custom Domains with Azure DNS



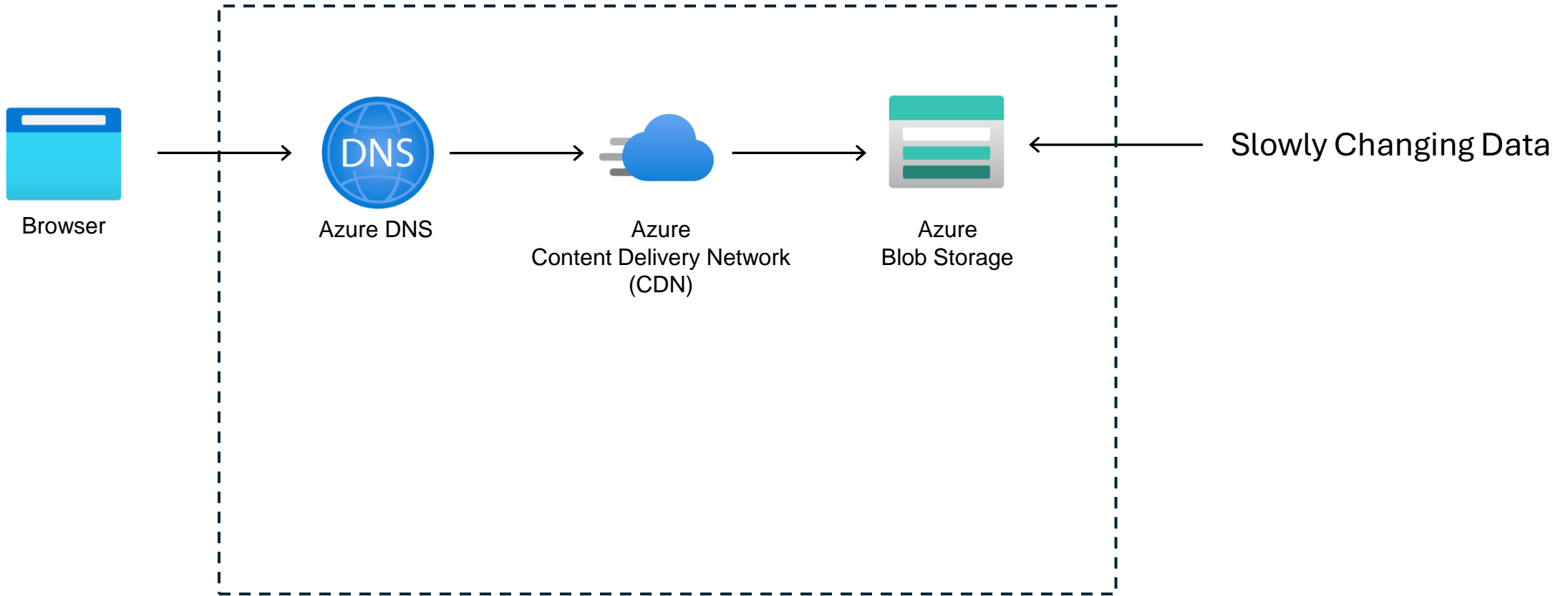
Azure DNS

- Highly available and scalable Domain Name System (DNS) web service
- Determines how traffic is routed on Internet



Tutorial:

Dynamic Static Content



Dynamic Static Content

- Upload File. Invalidate Cache
- Web Server for only the admin area

Conclusion

- Hosting a static website on Azure Storage is a straightforward and cost-effective solution.
- Leverage additional Azure services for enhanced functionality and security.

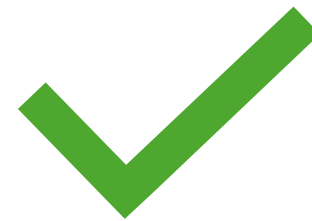


Resources



Slides

<https://github.com/danielecolon>



Azure Documentation

<https://learn.microsoft.com/en-us/azure/?product=popular>