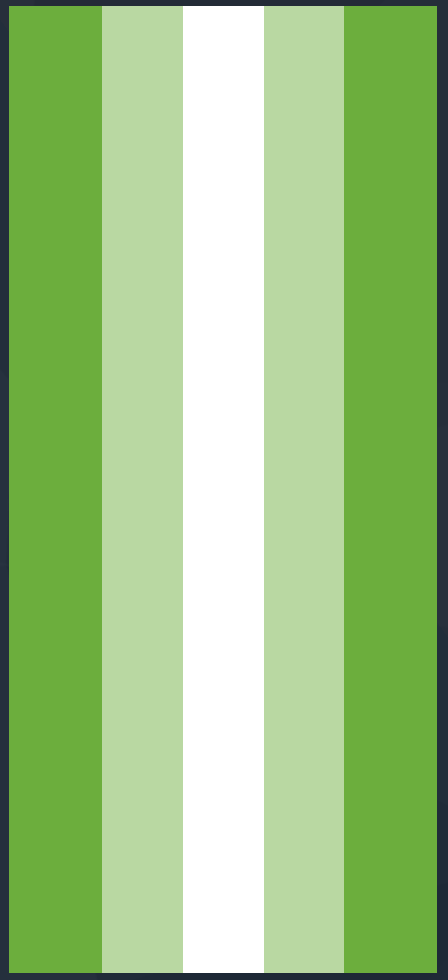

Static Website Hosting

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Intro to Static Website Hosting

- Amazon S3 can be used to host static websites that are accessible on the public Internet
- Website assets are stored directly in the S3 bucket to be accessed by users or customers
- Client-side scripts may also be used for the website
- Buckets support either hosting a website or redirection, similar to a CNAME DNS record

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Accessing Website

Bucket: s3.krausen.io
Region: us-east-1

Website Visitor
(home)

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Access Your Website

- You can use the default URL which is tied to to the bucket name and the region to access the site

http://s3.krausen.io.s3-website-us-east-1.amazonaws.com

Bucket Name

Bucket Region

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Access Your Website

- You can ALSO use your own custom domain to access the static website using a CNAME
- Even better → Add a CloudFront distribution to add a TLS certificate to your website

Using Your Custom Domain

- Redirection is done using a CNAME record for your own domain to point to the bucket URL

DNS: krausen.io

↳ CNAME: s3.krausen.io

↳ S3.krausen.io.s3-website-us-east-1.amazonaws.com

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Using a Custom Domain with CloudFront

Bucket: s3.krausen.io
Region: us-east-1

TLS Certificate

CloudFront
Distribution

d111111abcdef8.cloudfront.net

https://s3.krausen.io

CNAME

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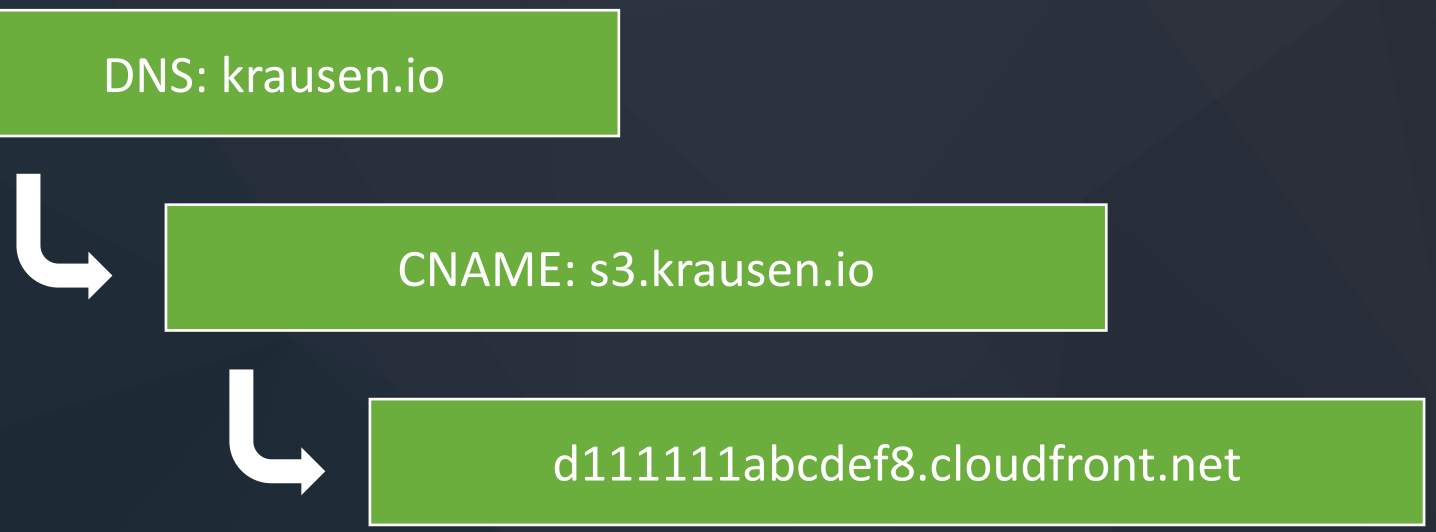
Using Your Custom Domain with TLS

- Redirection is done using a CNAME record for your own domain to point to the bucket URL



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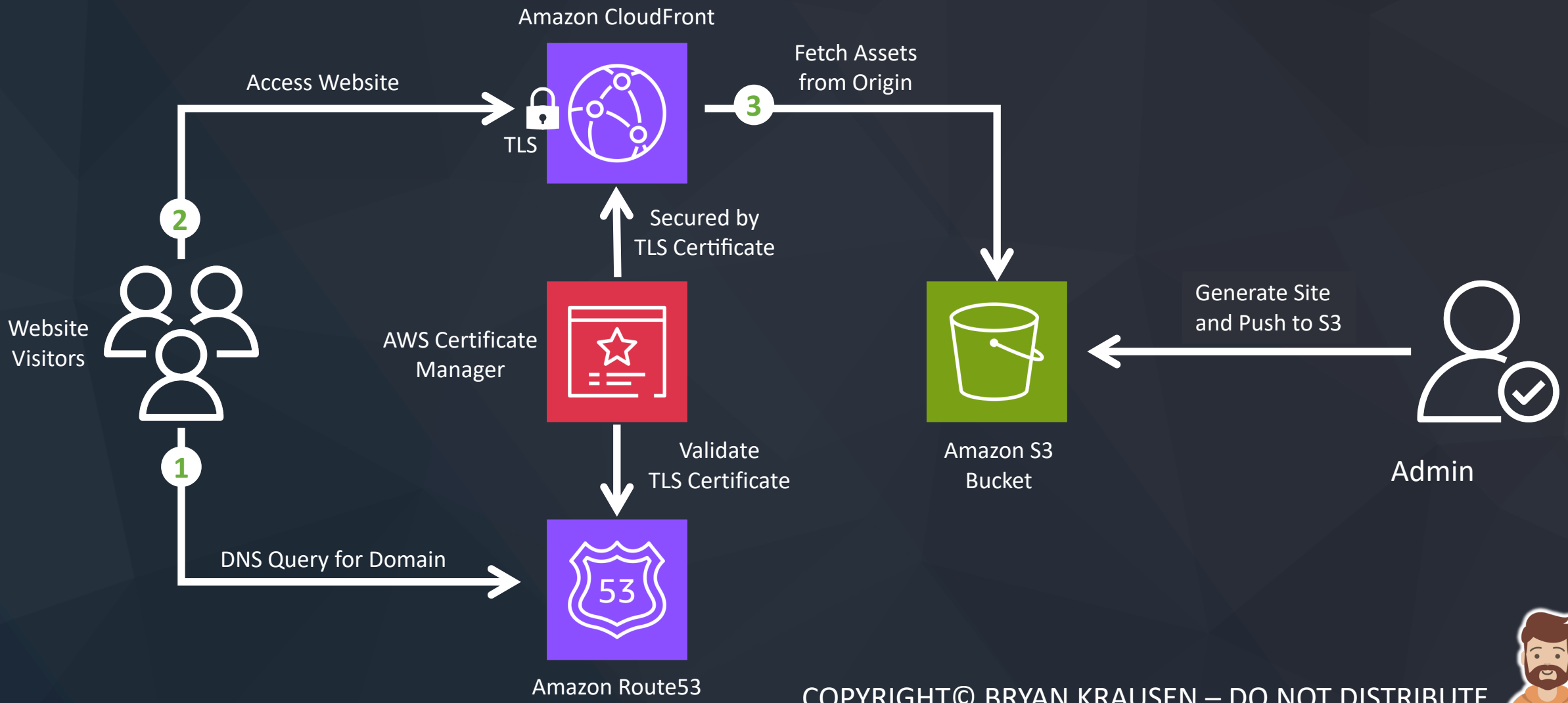
Use AWS Services for the Entire Config



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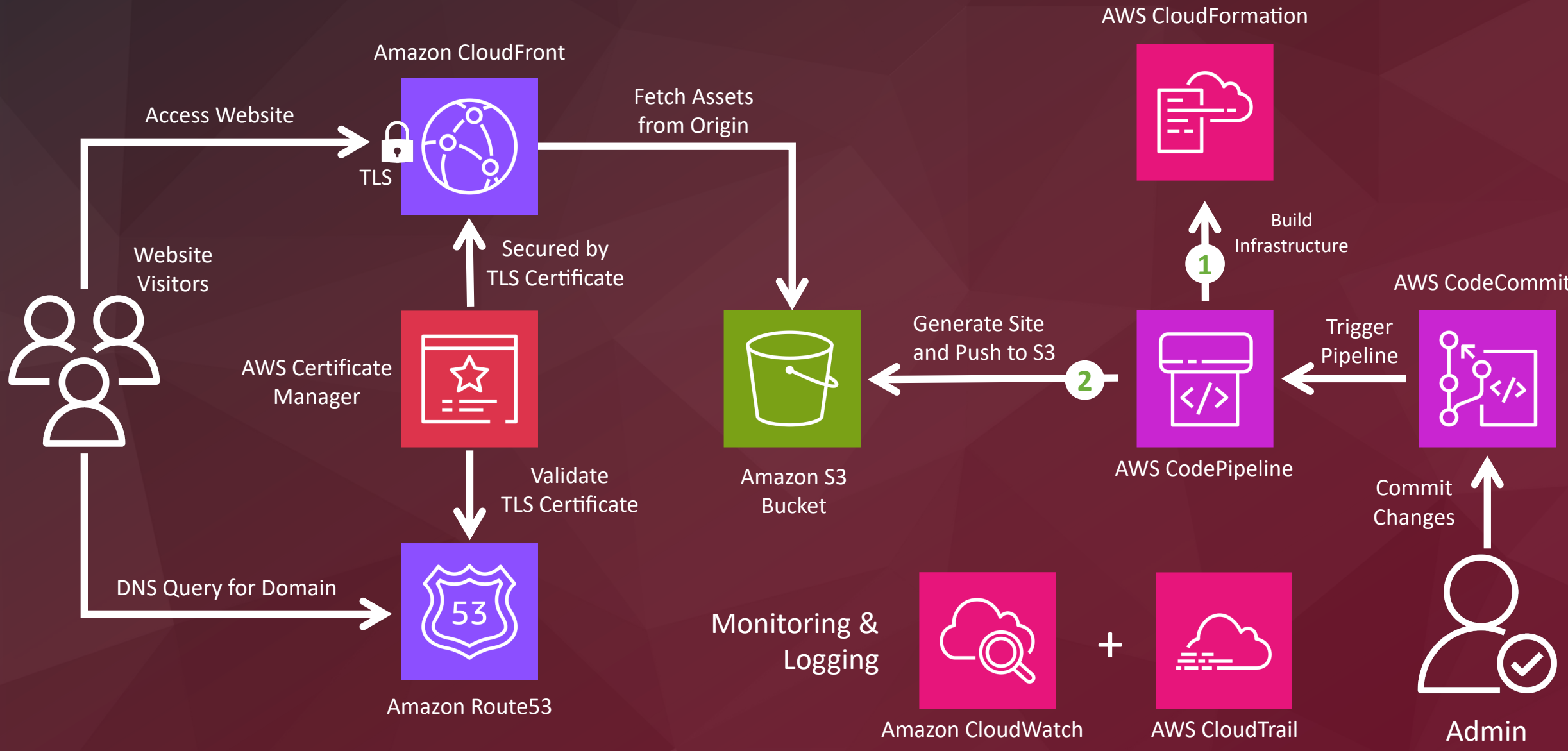
Full AWS DevOps Experience



How Do I Configure It?

1. Static website hosting feature must be enabled ✅
2. Upload the contents of your site to the bucket 📦
3. Disable S3 Block Public Access for the bucket 🔓
4. Make objects publicly accessible using a bucket policy ☁️
5. Access the site 🔥

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