

Hosting static website on S3 using custom domain



GoDaddy Domain

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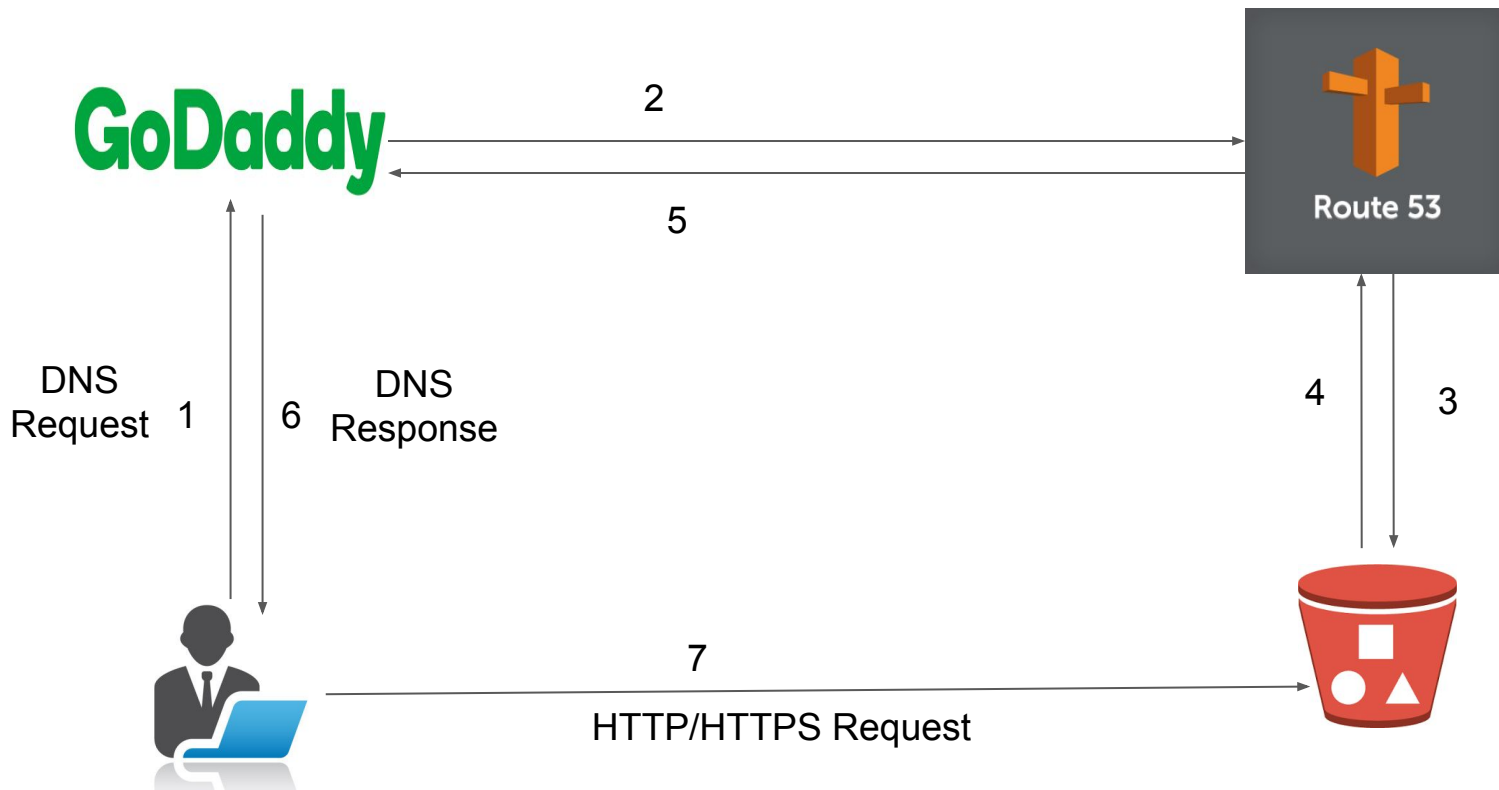


AWS S3 Hosting

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Static Website for
\$0.5 / month

DNS Flow



What we need?

1. Domain Name from Godaddy
2. S3 bucket with same name as domain name
3. S3 bucket with www subdomain name
4. AWS Route53 Public Hosted Zone
5. Static Website contents

Steps

1. Create a S3 bucket with name same as your domain name
2. Create another S3 bucket with www subdomain
3. Configure S3 main domain bucket to redirect traffic to www subdomain
4. Upload website contents to www subdomain bucket
5. Configure www bucket for Website Hosting
6. Add bucket policy to make the bucket contents public (see next slide for policy)
7. Create AWS Route53 Public Hosted zone with same name as domain name
8. Update GoDaddy nameservers with AWS provided Nameservers
9. In AWS Route53, create record set for main domain and point to S3 main bucket
10. In AWS Route53, create record set for www subdomain and point to S3 www bucket
11. Access website using your domain name

Bucket Policy

```
{
  "Version":"2012-10-17",
  "Statement":[{
    "Sid":"PublicReadGetObject",
    "Effect":"Allow",
    "Principal": "*",
    "Action":["s3:GetObject"],
    "Resource": ["arn:aws:s3:::your-bucket-name/*" ]
  }]
}
```

Replace you-bucket-name with your actual bucket name