

Route 53

Create Hosted Zone

- Domain Name: example1.com
- Type : Public hosted zone
- Create

Create Record

- Record name : keep empty
- Record type A
- Value: 172.0.1.169 (example ip)
- Routing Policy: Simple routing
- Create
- From Cloud9 terminal type:

```
dig example1.com
```

Creat A Record for subdomain

- Record name : myapp
- Record type A
- Value: 172.0.1.168 (example ip)
- Routing Policy: Simple routing
- Create
- From Cloud9 terminal type:

```
dig myapp.example1.com
```

Creat CNAME Record , domain to domain

- Record name : empty will give error, so put 'crm' for example
- Record type CNAME
- Value : domain name (myapp.exempl1.com)
- Routing Policy: Simple routing
- Create If record name left empty you get this error:

```
Error occurred
Bad request.
(InvalidChangeBatch 400: RRSets of type CNAME with DNS name
example1.com. is not permitted at apex in zone example1.com.)
```

- From Cloud9 terminal type:

```
dig crm.example1.com
```

Create a Static Web Site on S3

Review S3staticweb.md

Create Alias Records.

To demo alias, create a static web site in S3.

- Delete the previous records
- create record
- keep record name empty.
- choose A record type
- Enable Alias
- Route traffic, choose S3 website
- choose the region where bucket located
- choose s3 endpoint
- Create records.