



www.e-commerce...



Publishing the website



- Public IP: 52.87.192.40
- Public DNS :ec2-52-87-192-40.compute-1.amazonaws.com
- http://info.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com




Not Human readable



Amazon Route 53



What does Route 53 do?

Buy and Register a Domain	Create Domain Variations via Sub Domains	Mapping Value	Value Type	Record Type
awsdevopsteam.net (naked domain)	xxxx.awsdevopsteam.net	 Point out	<ul style="list-style-type: none"> IP of Server 1.2.3.4.5 Domain Name www.xxxxx.com End point S3 Bucket url Load Balancer 	 A AAA CNAME  Alias

Value type determines the record type



A record = IP

1



N.virginia-1

IP:1.2.3.4

WWW.clarusway.us

2



mobile.clarusway.us

3



N.virginia-1

IP:1.2.3.4

N.virginia-2

IP:5.6.7.8

WWW.clarusway.us



Domain
Name



CNAME: DNS-URL

Website domain: www.clarusway.us

A record -Primary

www.clarusway.us=

11.12.13.7
9.10.12.22



A record -Primary

www.clarusway.us= 1.2.3.6
7.8..910

A record -2

local.clarusway.us =

11.12.13.7
9.10.11.122



3 Cname

CNAME = Refer the domain

A record -3

info.clarusway.us=

11.12.13.7
9.10.11.122



local.awsdevopsteam.net = www.clarusway.us
info.clarusway.us = www.clarusway.us
mobile.clarusway.us = www.clarusway.us

A record -4

mobile.clarusway.us=

11.12.13.7
9.10.11.122





CNAME: DNS-URL Website domain: **WWW**.clarusway.us



Jonny



Honey



Daddy



Jonathan

Social Security Number
BA1112345678-254

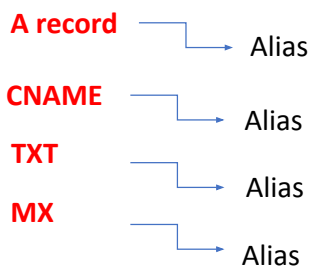


Alias: DNS-URL
in AWS

Load balancer endpoint: dualstack.load2-2068187317.eu-west-1.elb.amazonaws.com

S3 bucket endpoint: <http://www.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com>

Naked domain: awsdevopsteam.net



1- Alias is like an **extension** of the other record
It is not a standalone record

2- Best practice:

Alias is used for AWS resources
Cname is used for domains

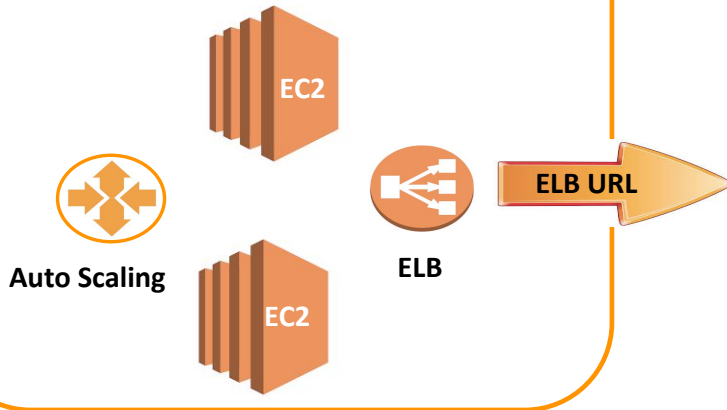


www.e-commerce...



aws

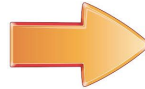
Publishing the website



Sub Domain



Refers to

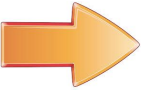


IP



A Record

Refers to



Sub
Domain



CNAME

Refers to



AWS
Resource



Alias

www.clarusway.com



CNAME: DNS-URL

local.awsdevopsteam.net



help.awsdevopsteam.net



mobile.awsdevopsteam.net



Social Security Number=IP

1.2.3.4/32
7.8.9.10/32

www.awsdevopsteam.net



CNAME: DNS-URL

local.awsdevopsteam.net



help.awsdevopsteam.net



mobile.awsdevopsteam.net



Social Security Number=IP

1.2.3.4/32
7.8.9.10/32

www.awsdevopsteam.net