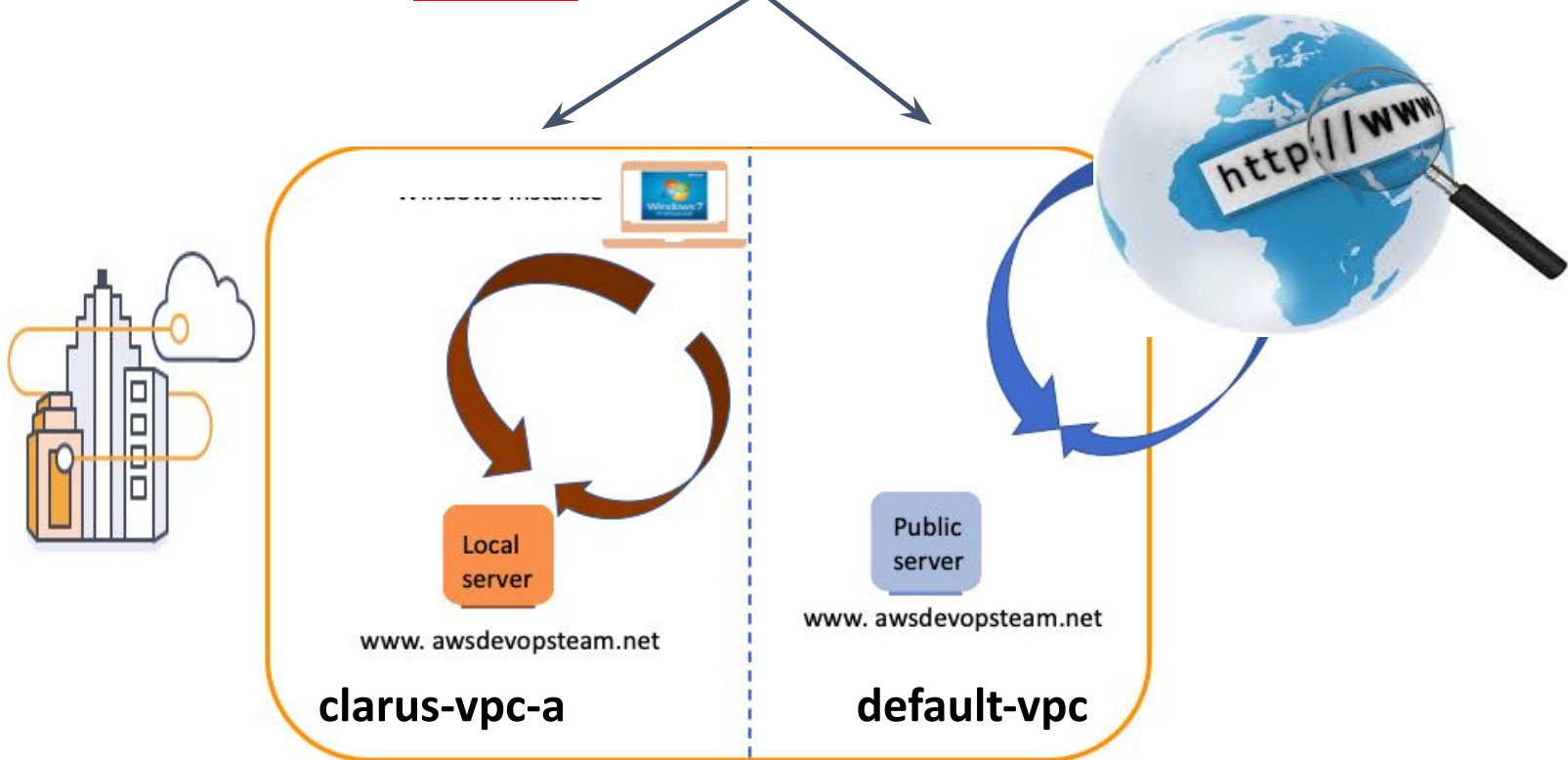





WWW.awsdevopsteam.net

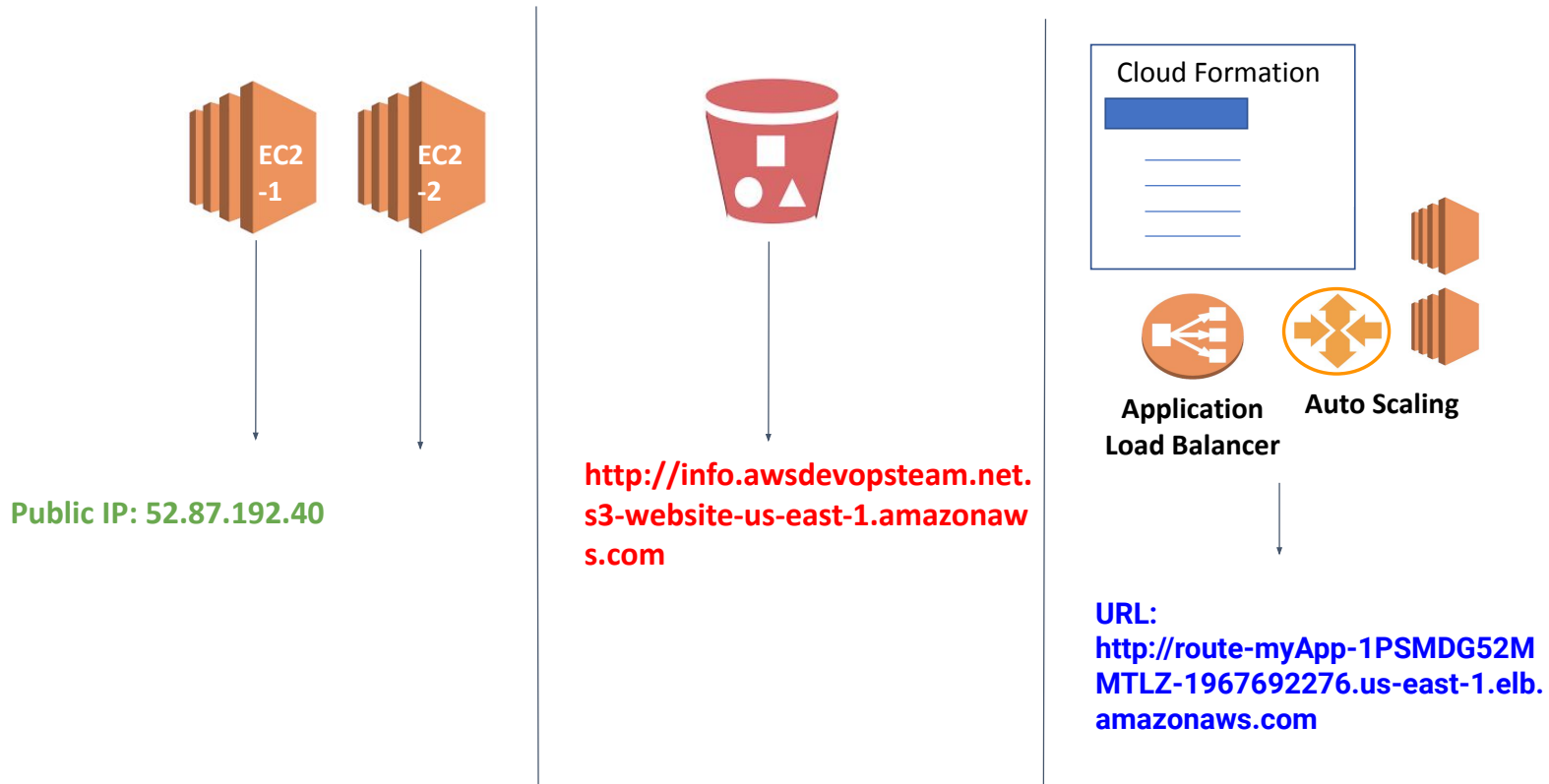


What does Route 53 do?

Buy and Register a Domain	Create Domain Variations via Sub Domains	Mapping Value	Value and Server output	Record Type
awsdevopsteam.net (naked domain)	www.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

Server Option and Their Outputs



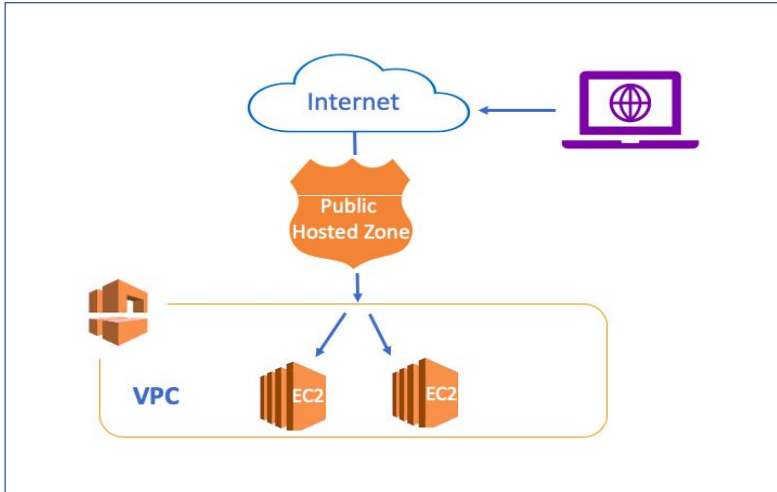
- Public IP: 52.87.192.40
- Public DNS :ec2-52-87-192-40.compute-1.amazonaws.com
- <http://info.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com>

Not Human readable



Amazon Route 53





A record
CNAME
Alias

Hosted Zone is a component where you locate the records

=

Database of the Route 53



A record = IP

1



WWW.clarusway.us

N.virginia-1



IP:1.2.3.4

2



mobile.clarusway.us

N.virginia-1



IP:1.2.3.4

N.virginia-2



IP:5.6.7.8

3

WWW.awsdevopsteam.net



Domain
Name



CNAME: DNS-URL

Website domain: www.awsdevopsteam.net

A record -Primary

WWW.clarusway.us = 120.12.13.5
9.10.15. 18



10

A record -2

iade.clarusway.us = 120.1213.4
9.10.11.18



A record -3

info.clarusway.us = 120.12.13.4
9.10.11.18



A record -4

mobile.clarusway.us = 120.12.13.4
9.10.11.18



A record -Primary

www.awsdevopsteam.net = 120.2.3.3
7.8..911

3 Cname

CNAME = Refer the domain

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



CNAME: DNS-URL

Website domain: www.awsdevopsteam.net



Jonny



Honey



Daddy

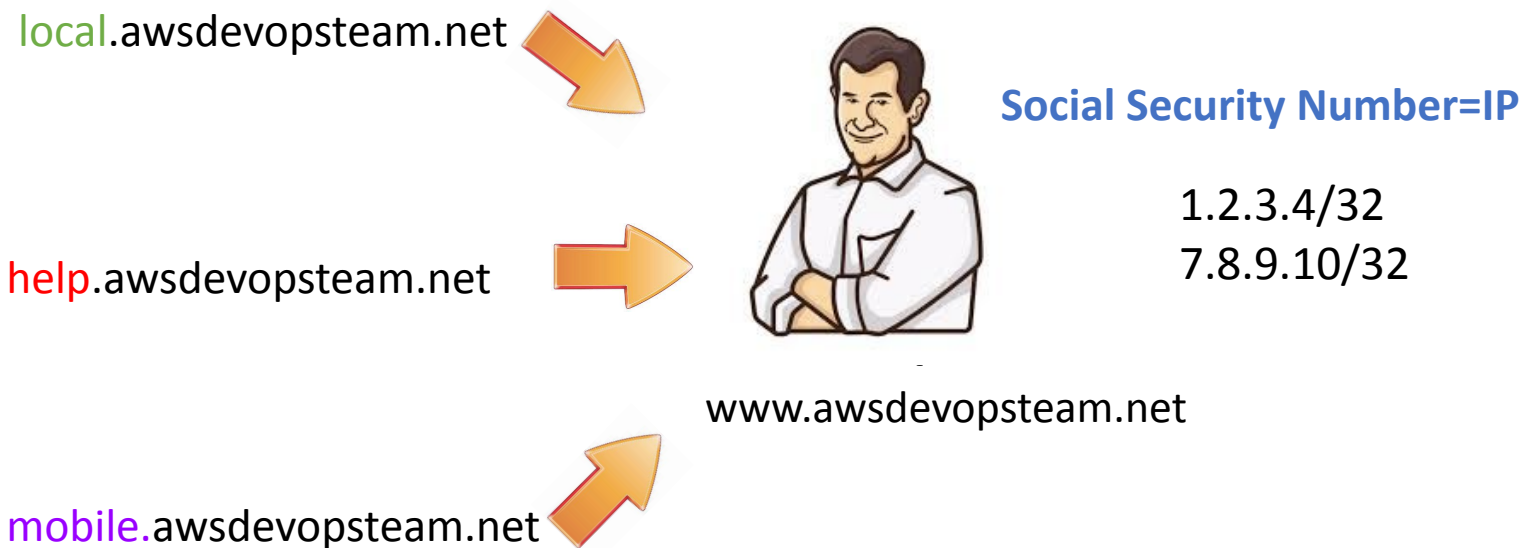


Jonathan

Social Security Number
BA272345678-237



CNAME: DNS-URL



Alias: DNS-URL in AWS

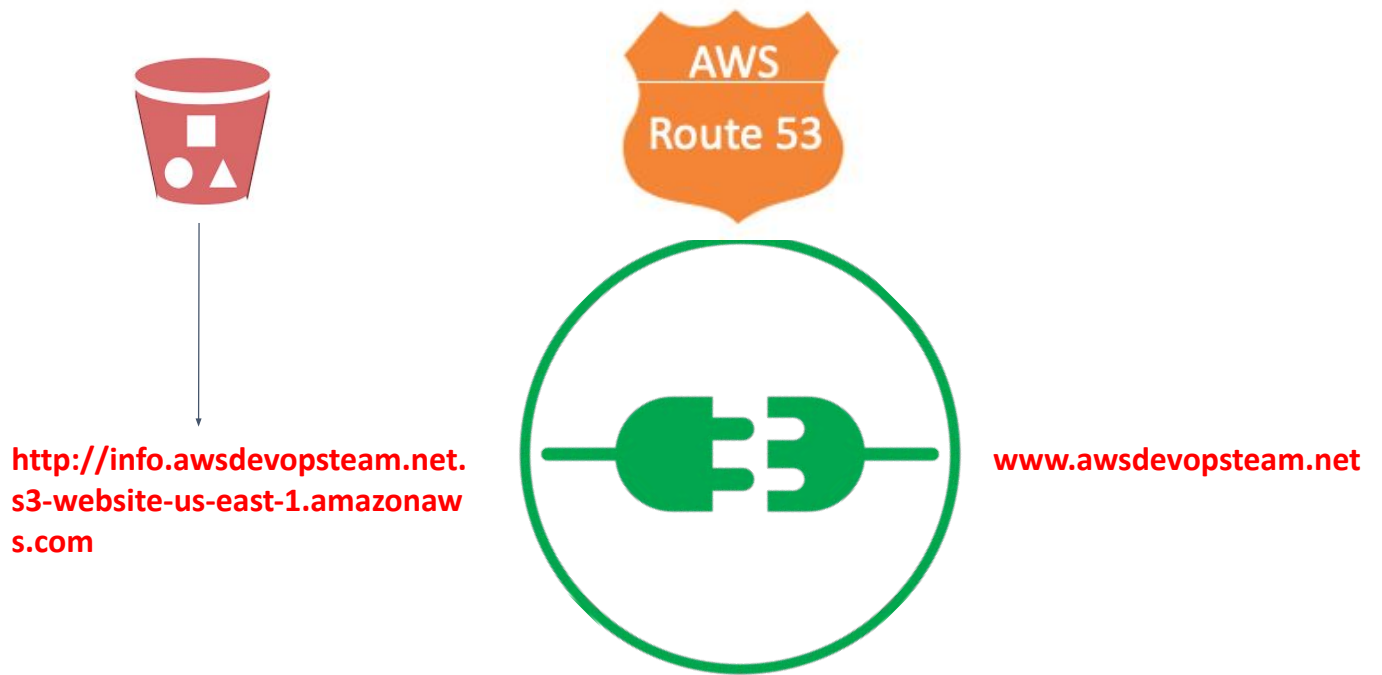
Load balancer endpoint: `dualstack.load2-2068187317.eu-west-1.elb.amazonaws.com`
S3 bucket endpoint: `http://www.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com`
Naked domain: `awsdevopsteam.net`

A record	→	Alias
CNAME	→	Alias
TXT	→	Alias
MX	→	Alias

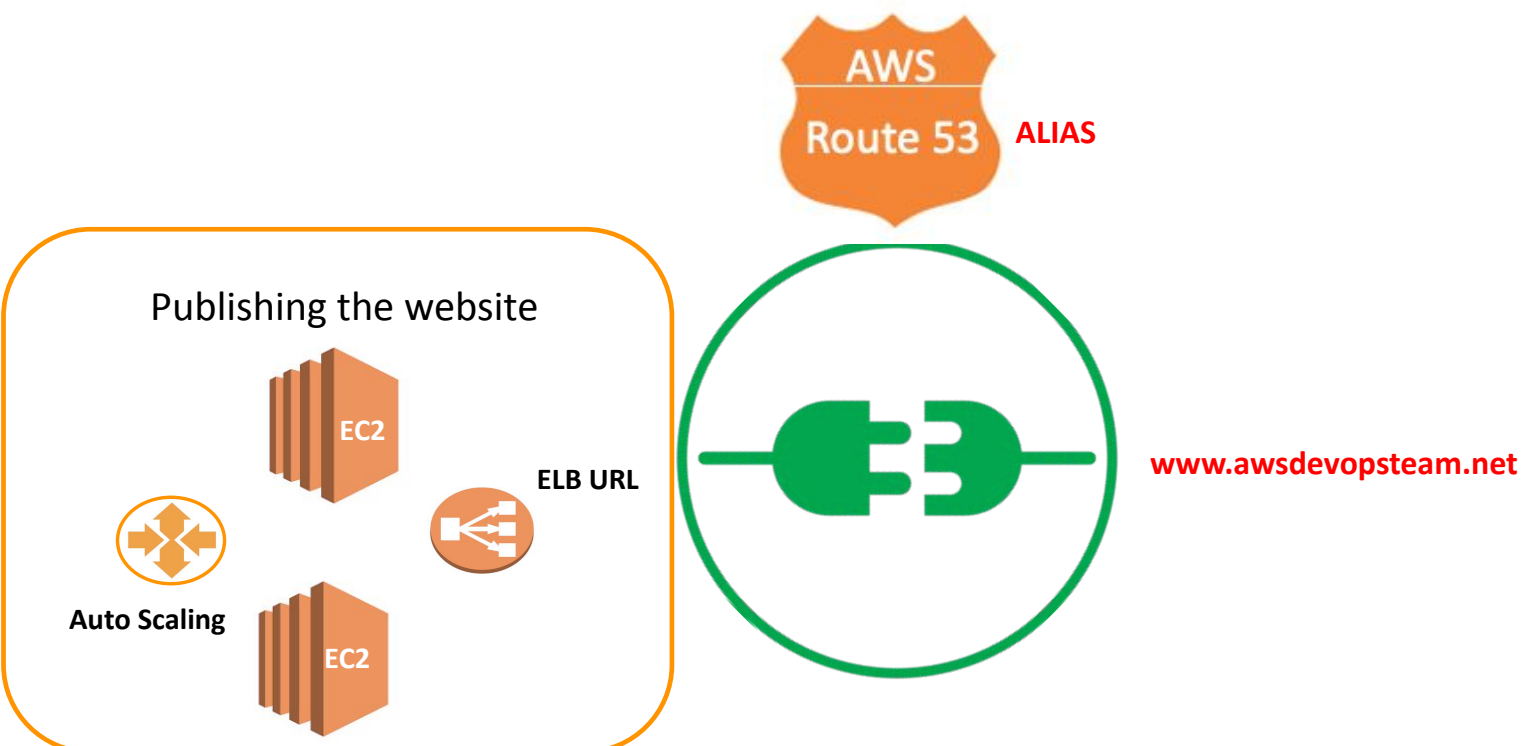
1- Alias is like an **extension** of the other record
It is not a standalone record

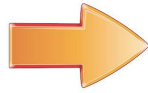
2- Best practice:
Alias is used for AWS resources
Cname is used for domains

ALIAS Record-S3 Static Web hosting URL



ALIAS Record-ELB URL





Refers to

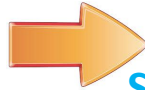


IP

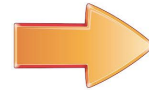


A Record

Refers to

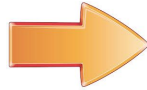


Another
Sub Domain



CNAME

Refers to



AWS
Resource



Alias

www. clarusway.com