




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)	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

Server Option and Their Outputs

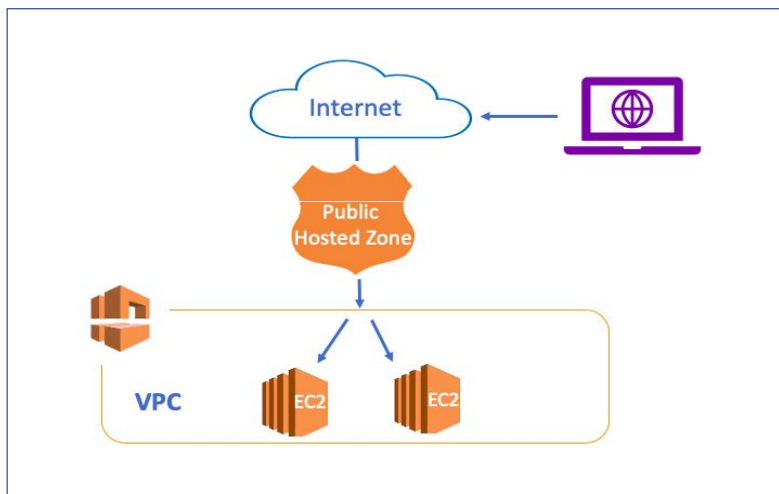


- Public IP: 52.87.192.40
- Public DNS :ec2-52-87-192-40.compute-1.amazonaws.com
- <http://info.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com>

Not Human readable



Amazon Route 53



A record
CNAME
Alias

Hosted Zone is a component where you locate the records

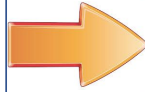
=

Database of the Route 53



A record = IP

1



N.virginia-1



IP:1.2.3.4

N.virginia-1

WWW.awsdevopsteam.net



Domain
Name



CNAME: DNS-URL

Website domain: www.awsdevopsteam.net

A record -Primary

WWW.awsdevopsteam.net = 120.12.13.4
9.10.11.14
10



A record -2

iade.awsdevopsteam.net = 120.12.13.4
9.10.11.13



A record -3

info.awsdevopsteam.net = 120.12.13.4
9.10.11.13



A record -4

mobile.awsdevopsteam.net = 120.12.13.4
9.10.11.13





CNAME: DNS-URL

Website domain: www.awsdevopsteam.net



Jonny



Honey



Daddy



Jonathan

**Social Security Number
BA272345678-233**



CNAME: DNS-URL

local.awsdevopsteam.net



help.awsdevopsteam.net



mobile.awsdevopsteam.net



Social Security Number=IP

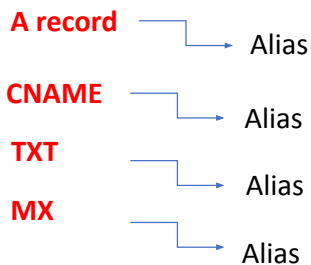
1.2.3.4/32
7.8.9.10/32

www.awsdevopsteam.net



Alias: DNS-URL in AWS

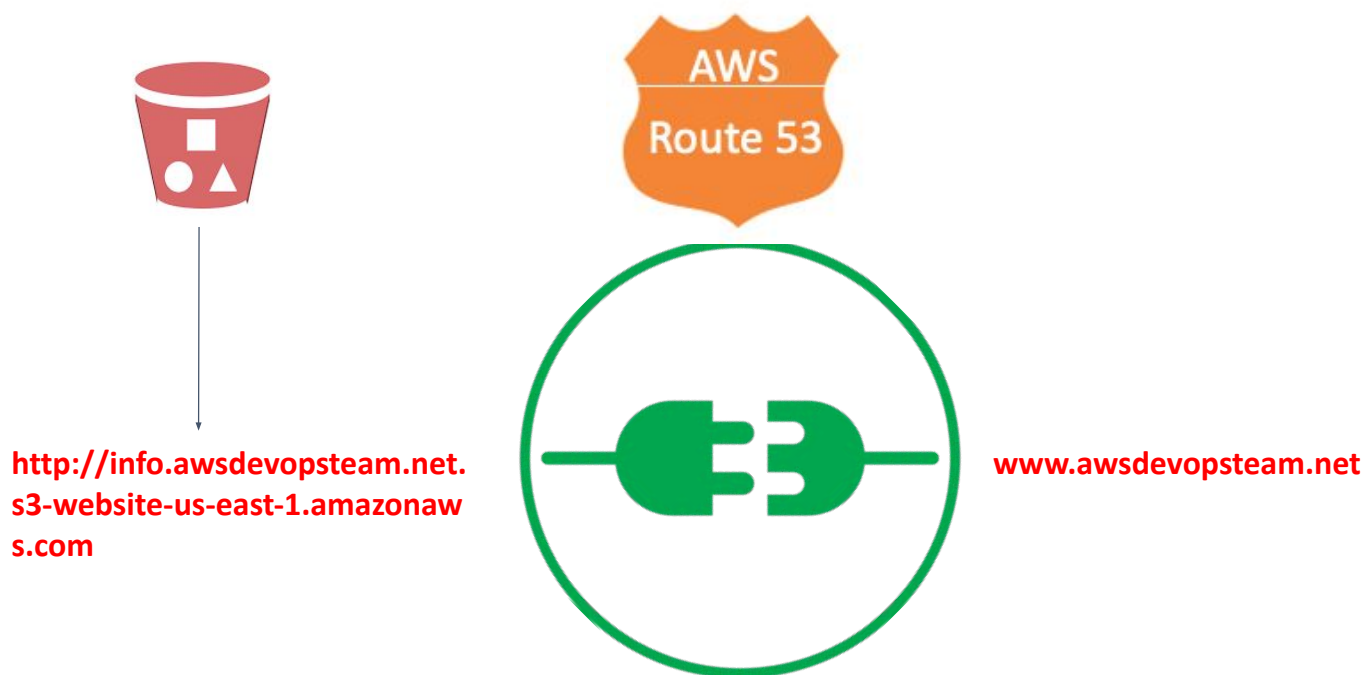
Load balancer endpoint: dualstack.load2-2068187317.eu-west-1.elb.amazonaws.com
S3 bucket endpoint: <http://www.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com>
Naked domain: awsdevopsteam.net



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

ALIAS Record-S3 Static Web hosting URL



ALIAS Record-ELB URL

