



www.e-commerce...



Publishing the website



Server Option and Their Outputs

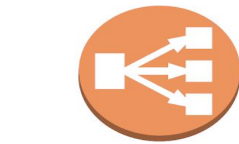
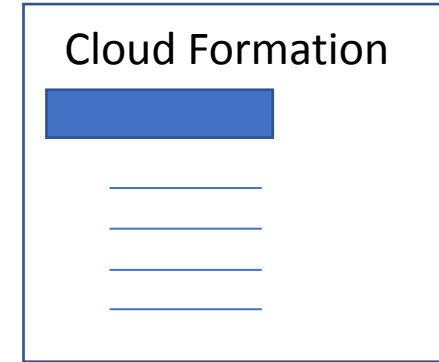


Public IP: 52.87.192.40

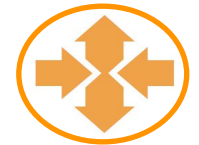
Public DNS
:ec2-52-87-192-40.compute-1.ama
zonaws.com



<http://info.awsdevopsteam.net.s3-website-us-east-1.amazonaws.com>



Application
Load Balancer



Auto Scaling



URL:
<http://route-myApp-1PSMDG52MTLZ-1967692276.us-east-1.elb.amazonaws.com>

- 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


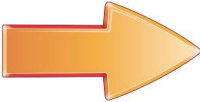
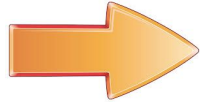


Amazon Route 53

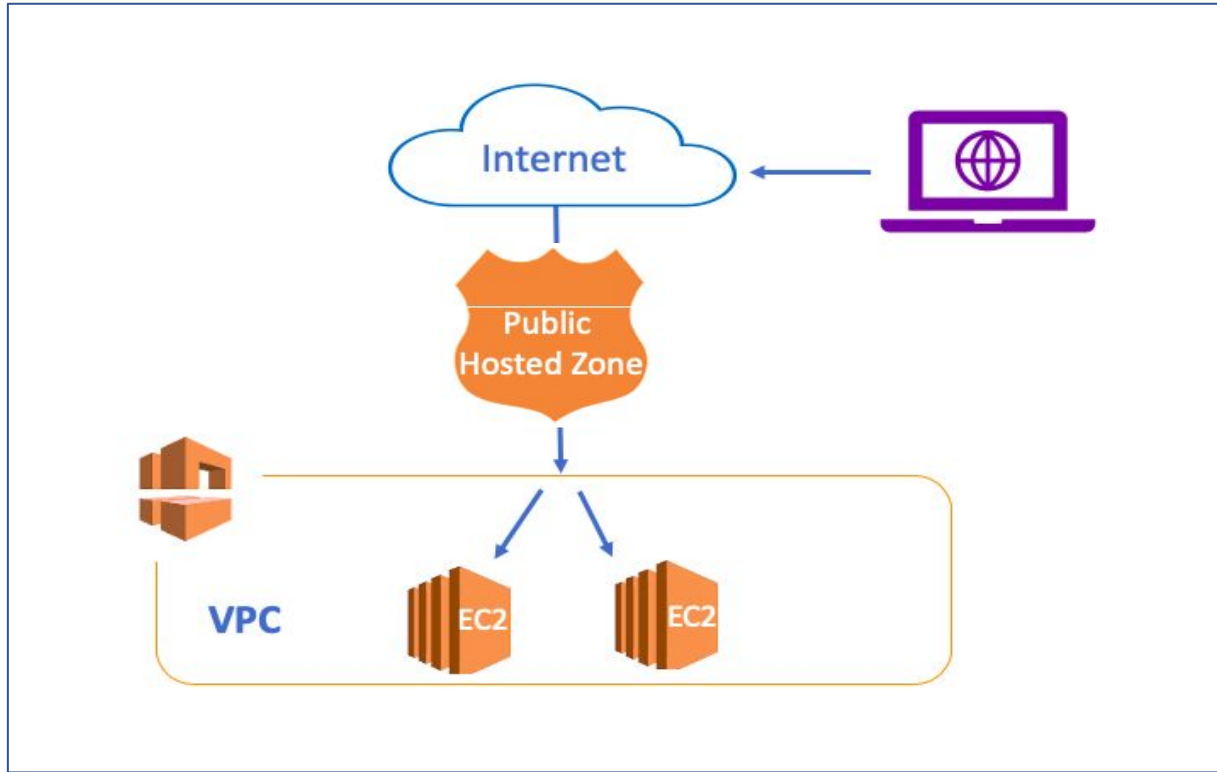


Not Human Edible

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.xxxxxx.com● End point S3 Bucket url Load Balancer	<div>A AAA</div> <div>CNAME</div> <div>Alias</div>

Value type determines the record type



A record
CNAME
Alias

Hosted Zone is a component
where you locate the records

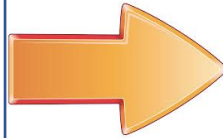
=

Database of the Route 53



A record = IP

1



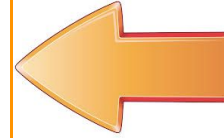
N.virginia-1



IP:1.2.3.4

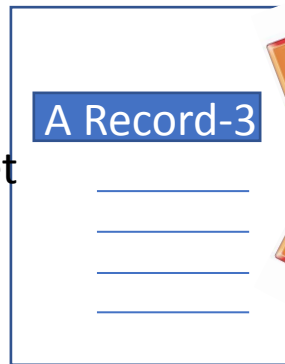
www.awsdevopsteam.net

2



mobile.awsdevopsteam.net

3



N.virginia-1



IP:1.2.3.4



N.virginia-2



IP:5.6.7.8

www.awsdevopsteam.net



Domain
Name



CNAME: DNS-URL

Website domain: www.awsdevopsteam.net

A record -Primary

WWW.awsdevopsteam.net = 11.12.13.4
9.10.11.13



A record -Primary

www.awsdevopsteam.net = 1.2.3.4
7.8..911

A record -2

local.awsdevopsteam.net = 11.12.13.4
9.10.11.12



3 Cname

CNAME = Refer the domain

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

A record -3

info.awsdevopsteam.net = 11.12.13.4
9.10.11.12



A record -4

mobile.awsdevopsteam.net = 11.12.13.4
9.10.11.12



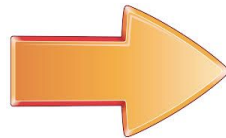
CNAME: DNS-URL Website domain: www.awsdevopsteam.net



Jonny



Honey



Jonathan

**Social Security Number
BA1112345678-236**



Daddy



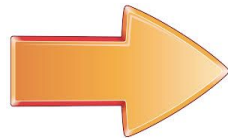


CNAME: DNS-URL

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

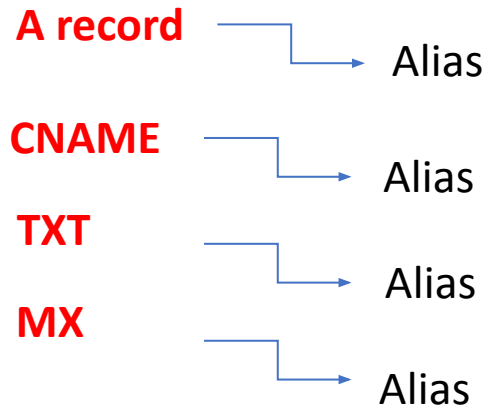


Alias: DNS-URL in AWS

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

Cname is used for domains



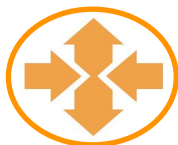
www.e-commerce...



Publishing the website



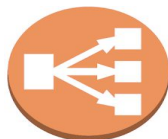
EC2



Auto Scaling



EC2



ELB



ELB URL

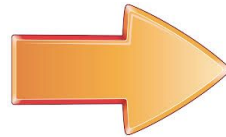


AWS

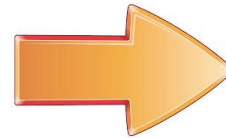
Route 53



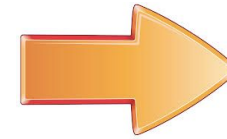
Sub Domain



Refers to

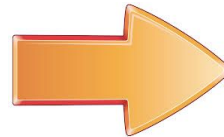


IP

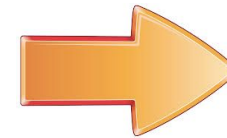


A Record

Refers to

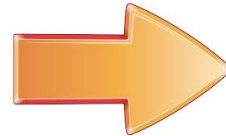


Sub
Domain

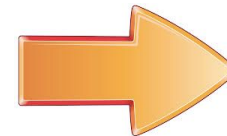


CNAME

Refers to



AWS
Resource



Alias

www.clarusway.com