

Domain Name-NAKED DOMAIN NAME

Sub-Domain

can be changed BY  
OWNER

registered from AWS  
and can not be  
changed

www.---  
help.----  
mail.---  
fqa.---  
osvaldo.----  
info.---

amazon.com.

WWW.AMAZON.COM  
INFO.AMAZON.COM



## Sub-Domain



can be changed BY  
OWNER (dynamic)

www.---  
help.----  
mail.---  
faq.---  
info.---

## Domain Name



amazon.us (static)

+

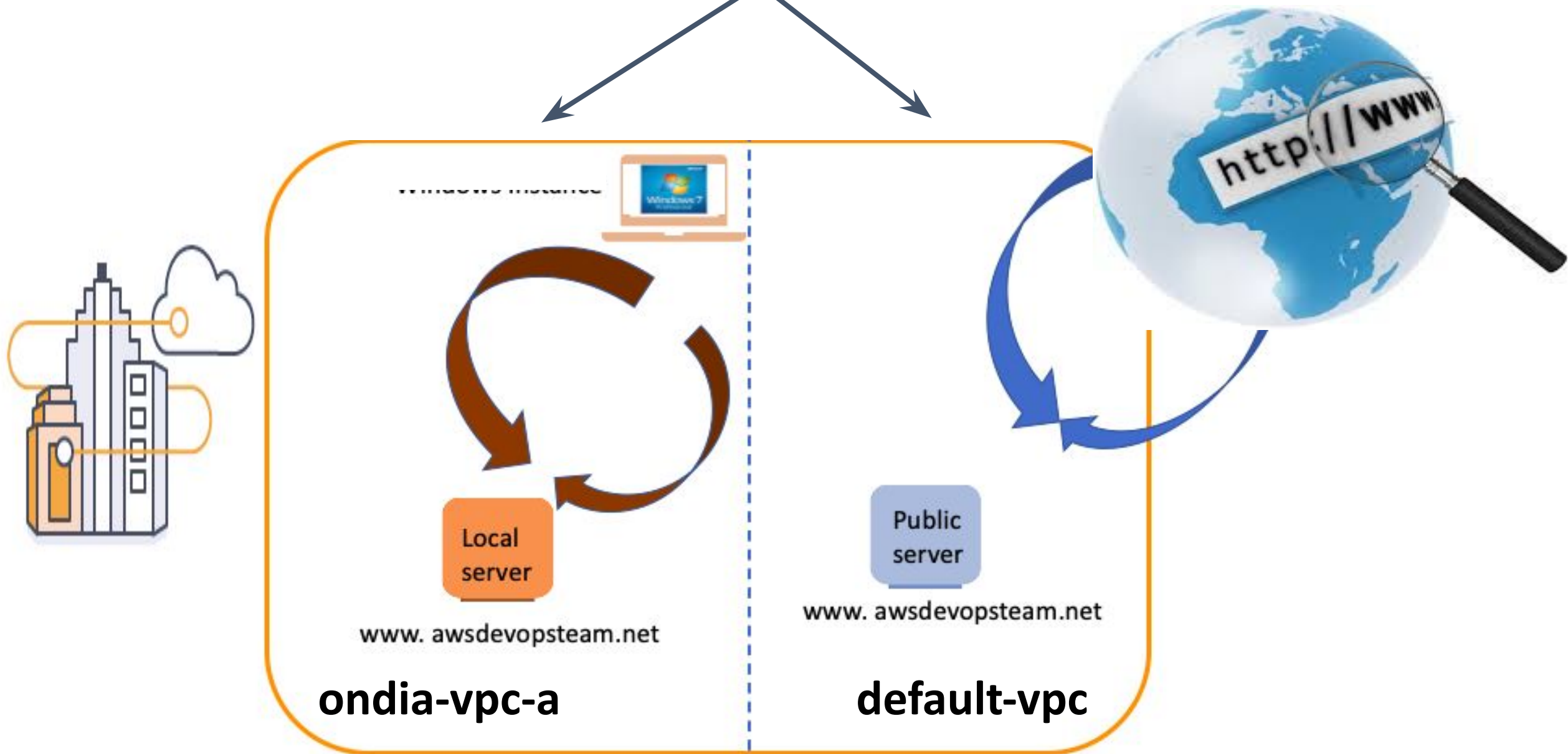
=




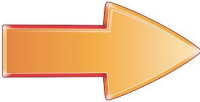
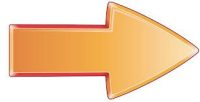
Variations

www.amazon.us  
info.amazon.us  
help.amazon.us

www.awsdevopsteam.net

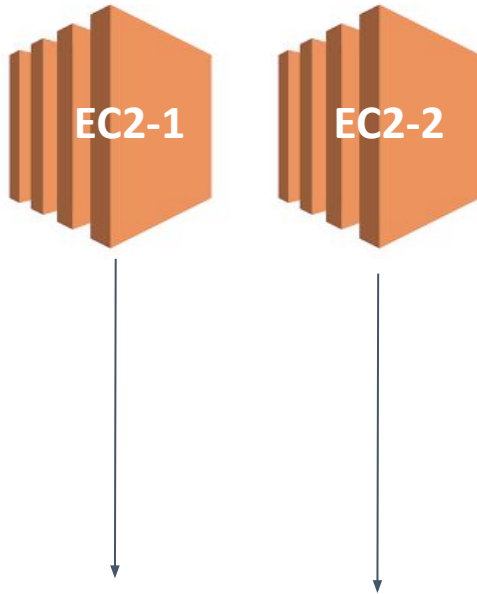


# What does Route 53 do?

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

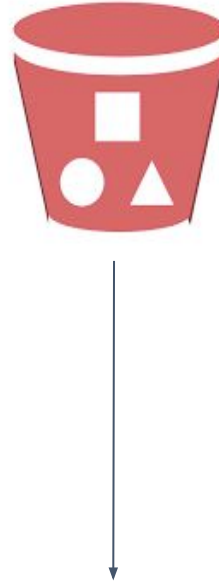
Value type determines the record type

# Server Option and Their Outputs

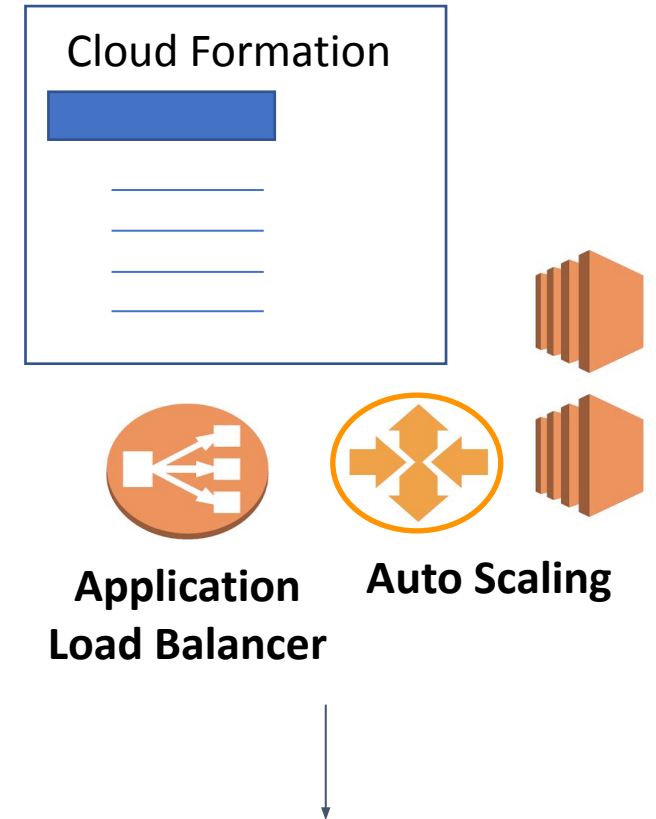


Public IP: 52.87.192.40

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



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



URL:  
<http://route-myApp-1PSMDG52MMTLZ-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>

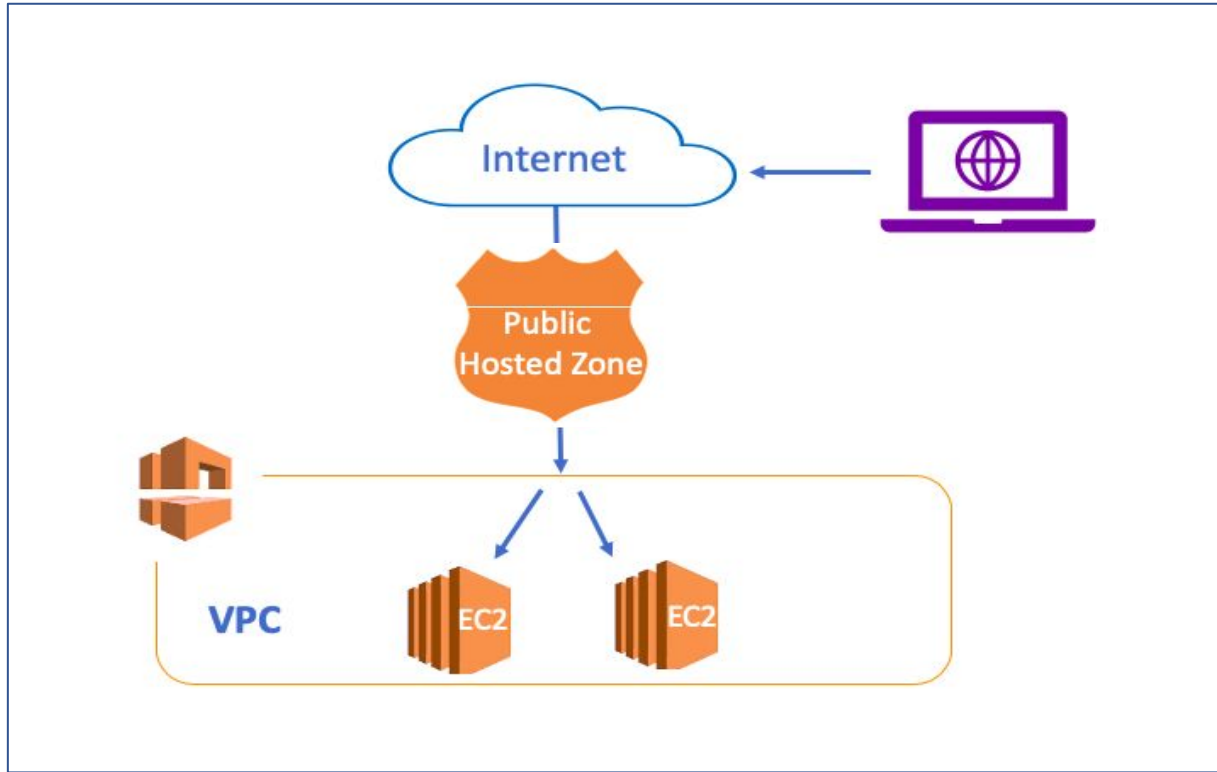
Not Human readable



Amazon Route 53



This snack is Not  
Human Edible



A record  
CNAME  
Alias

Hosted Zone is a component  
where you locate the records

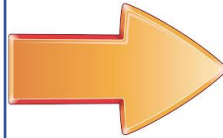
=

**Database of the Route 53**



# A record = IP

1



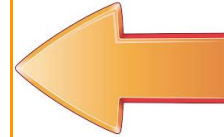
N.virginia-1



IP:1.2.3.4

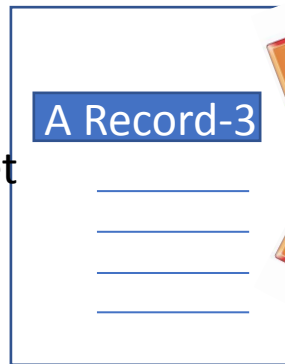
WWW.amazon.us

2



info.amazon.us

3



N.virginia-1



IP:1.2.3.4

WWW.awsdevopsteam.net



N.virginia-2



IP:5.6.7.8



Domain  
Name





## CNAME: DNS-URL

Website domain: [www.amazon.us](http://www.amazon.us)

### A record -Primary

**WWW**.amazon.us= 120.12.13.4  
9.10.11.25



### A record -Primary

www.amazon.us= 120.12.13.4  
9.10.11.25

### A record -2

**local**.amazon.us = 120.12.13.4  
9.10.11.25



### 3 Cname

**CNAME = Refer the domain**

**local**.amazon.us = [www.amazon.us](http://www.amazon.us)  
**info**.amazon.us = [www.amazon.us](http://www.amazon.us)  
**mobile**.amazon.us = [www.amazon.us](http://www.amazon.us)

### A record -3

**info**.amazon.us= 120.12.13.4  
9.10.11.25



### A record -4

**mobile**.amazon.us= 120.12.13.4  
9.10.11.25



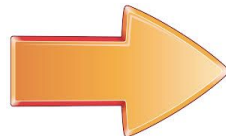
CNAME: DNS-URL Website domain: [www.awsdevopsteam.net](http://www.awsdevopsteam.net)



Jonny



Honey



**Jonathan**

**Social Security Number  
BA272345678-237**



Daddy



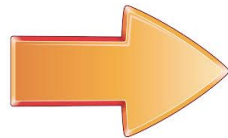


## CNAME: DNS-URL

local.awsdevopsteam.net



help.awsdevopsteam.net



mobile.awsdevopsteam.net



**Social Security Number=IP**

1.2.3.4/32

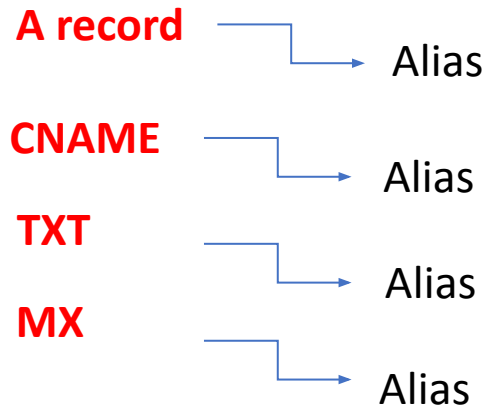
7.8.9.10/32

www.awsdevopsteam.net



# Alias: DNS-URL in AWS

Load balancer endpoint: [dualstack.load2-2068187317.eu-west-1.elb.amazonaws.com](https://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](https://awsdevopsteam.net)

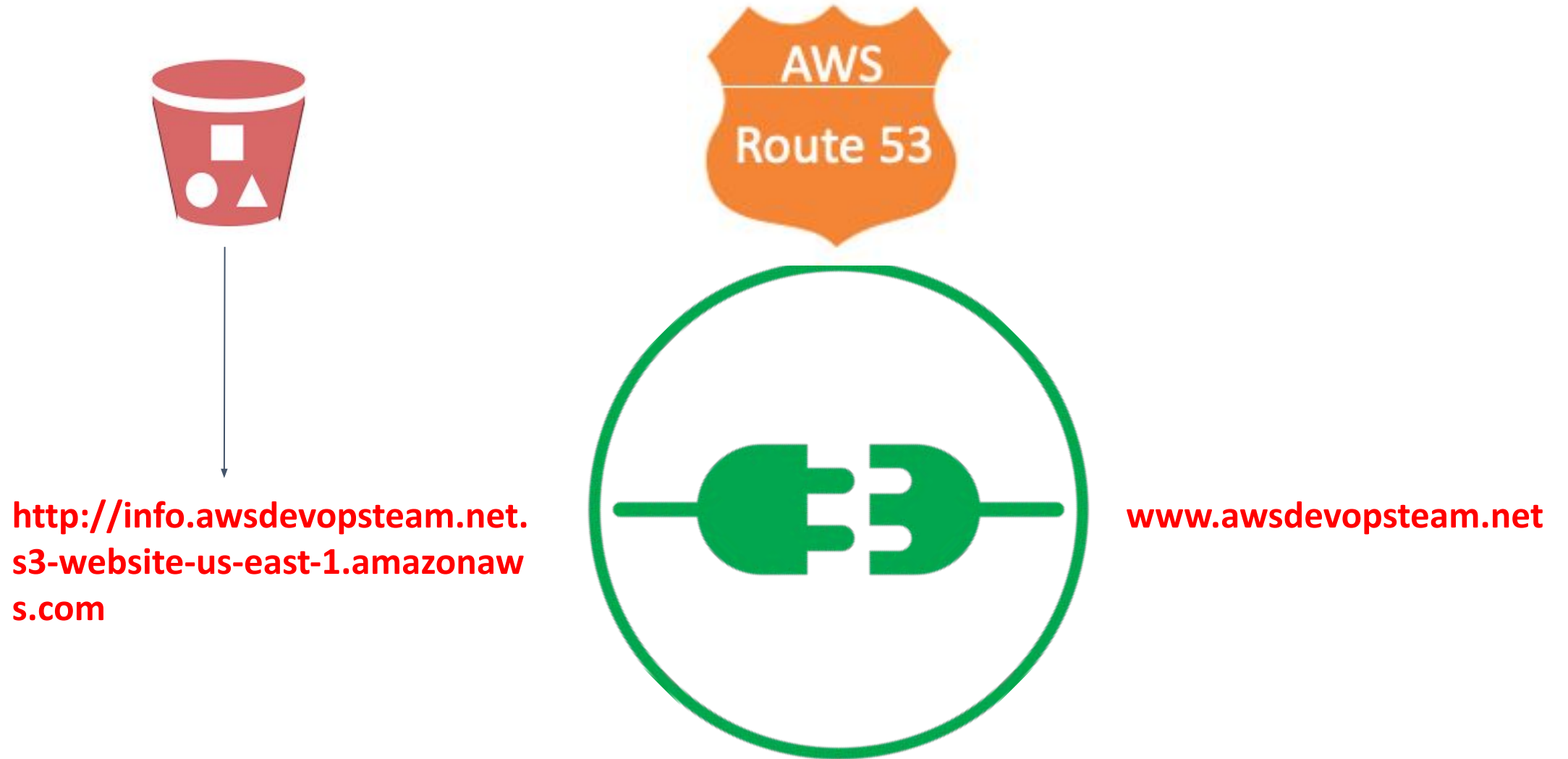


1- Alias is like an **extension** of the other record  
**It is not a standalone record**

**2- Best practice:**

Alias is used for AWS resources  
Cname is used for domains

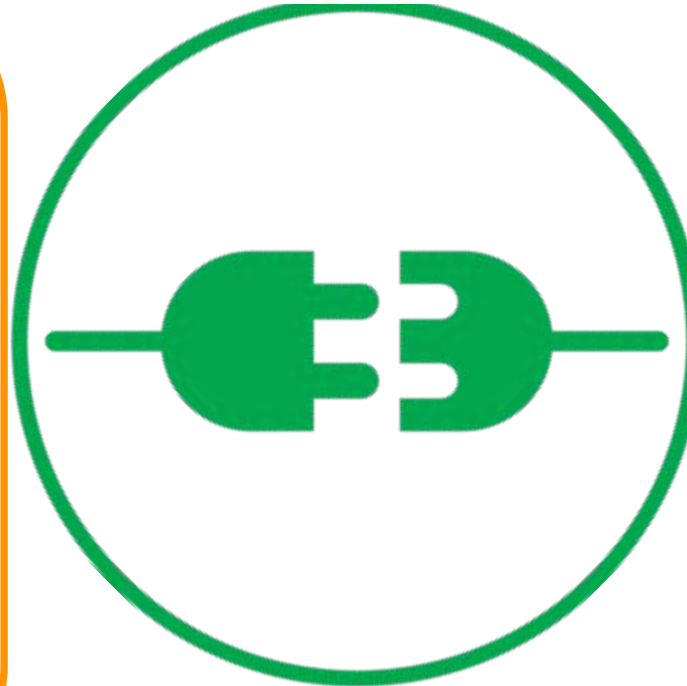
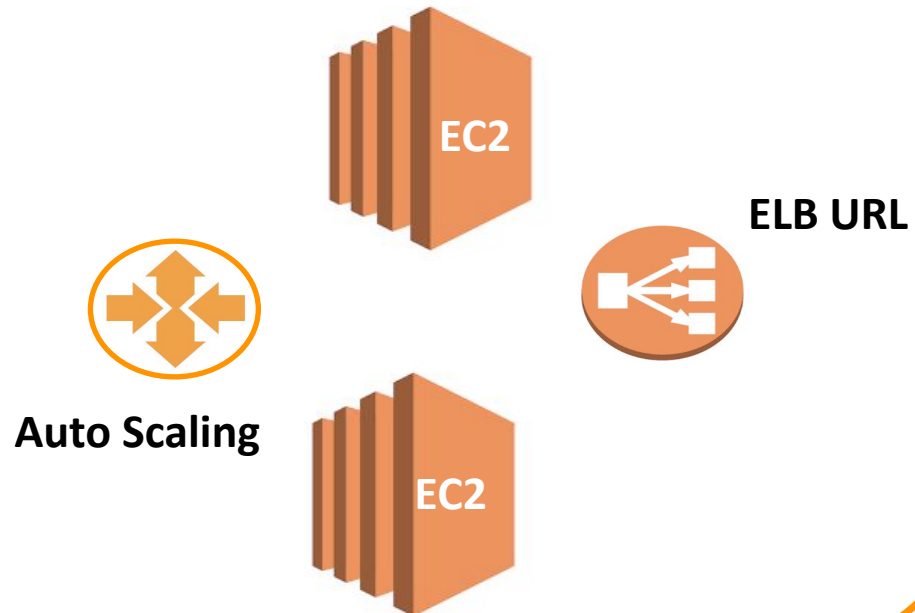
## ALIAS Record-S3 Static Web hosting URL



## ALIAS Record-ELB URL



Publishing the website



[www.awsdevopsteam.net](http://www.awsdevopsteam.net)



