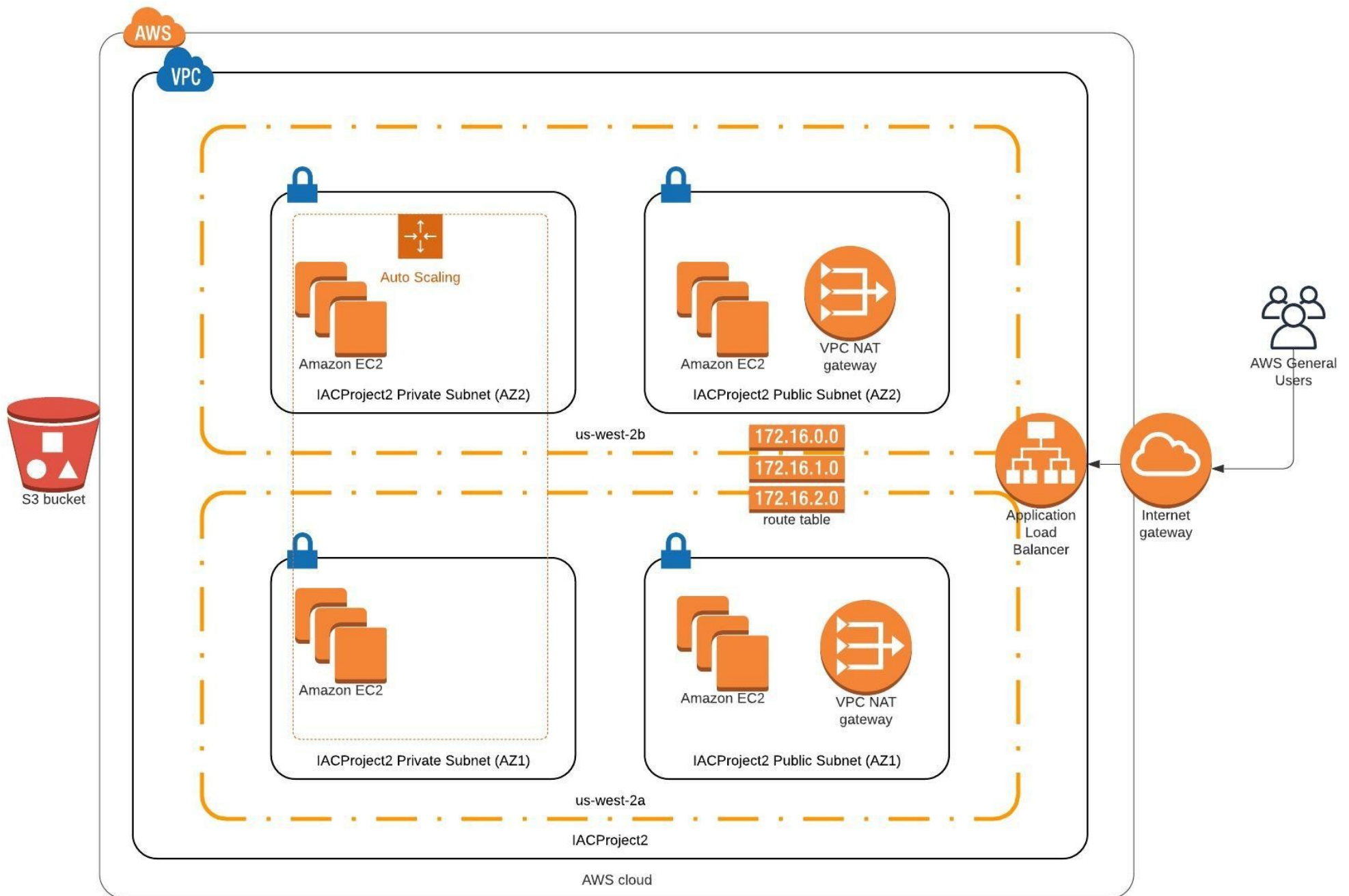


PROJECT 2 SUBMISSION
DEPLOYING A HIGH AVAILABILITY WEB APP USING CLOUDFORMATION IN AWS

SUBMITTED ON 27th MAY, 2020
By: SHREE IYER

NETWORK ARCHITECTURE MAP



S3 BUCKET CREATED AND FILES AND FOLDERS UPLOADED TO S3 BUCKET

shree-demo

Overview

Properties

Permissions

Management

Access points

Q

Type a prefix and press Enter to search. Press ESC to clear.

Upload

Create folder

Download

Actions

US West (Oregon)

Viewing 1 to 3

<input type="checkbox"/> Name	Last modified	Size	Storage class
<input type="checkbox"/> assets	--	--	--
<input type="checkbox"/> index.html	May 26, 2020 11:10:18 PM GMT-0400	4.0 KB	Standard
<input type="checkbox"/> project.mobirise	May 26, 2020 11:10:19 PM GMT-0400	23.4 KB	Standard

S3 BUCKET PERMISSIONS – BUCKET POLICY

← → ↻ s3.console.aws.amazon.com/s3/buckets/shree-demo/?region=us-west-2&tab=permissions ☆ S ⋮

aws Services ▾ Resource Groups ▾

Amazon S3 > shree-demo

shree-demo

Overview Properties **Permissions** Management Access points

Block public access Access Control List **Bucket Policy** CORS configuration

Bucket policy editor ARN: arn:aws:s3:::shree-demo
Type to add a new policy or edit an existing policy in the text area below.

Delete Cancel Save

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "AddPerm",
6       "Effect": "Allow",
7       "Principal": "*",
8       "Action": "s3:GetObject",
9       "Resource": "arn:aws:s3:::shree-demo/*"
10    }
11  ]
12 }
```

S3 BUCKET PROPERTIES – STATIC WEB HOSTING

← → ↻ s3.console.aws.amazon.com/s3/buckets/shree-demo/?region=us-west-2&tab=properties ☆ S ⋮

aws Services ▾ Resource Groups ▾ ⭐ 🔔 shreeni123 ▾ Global ▾ Support ▾

Static website hosting

Endpoint : <http://shree-demo.s3-website-us-west-2.amazonaws.com>

☒ Use this bucket to host a website ⓘ [Learn more](#)

Index document ⓘ

Error document ⓘ

Redirection rules (optional) ⓘ

☐ Redirect requests ⓘ [Learn more](#)

☐ Disable website hosting

☒ Bucket hosting

[Cancel](#) [Save](#)

Object-level logging

Record object-level API activity using the CloudTrail data events feature (additional cost).

[Learn more](#)

☐ Disabled

S3 BUCKET HOME PAGE (SHOWING PUBLIC ACCESS APPLIED)

The screenshot shows the AWS S3 console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information 'shreeni123'. A message banner at the top states: 'We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. [Switch to the new console.](#)'

The left sidebar contains navigation links: 'Amazon S3', 'Buckets' (selected), 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and 'Feature spotlight'.

The main content area is titled 'S3 buckets' and includes a search bar with 'DEMO' and a dropdown for 'All access types'. Below this are buttons: '+ Create bucket', 'Edit public access settings', 'Empty', and 'Delete'. Summary statistics show '1 Buckets' and '1 Regions'.

<input type="checkbox"/>	Bucket name ▼	Access ⓘ ▼	Region ▼	Date created ▼
<input type="checkbox"/>	shree-demo	Public	US West (Oregon)	May 26, 2020 1:56:46 PM GMT-0400

CLOUDFRONT CONFIGURATION TO RETRIEVE AND DISTRIBUTE WEBSITE FILES

← → ↻ console.aws.amazon.com/cloudfront/home?region=us-east-1#distributions: ☆ S

aws Services ▾ Resource Groups ▾ ⭐

shreeni123 ▾ Global ▾ Support ▾

CloudFront

Distributions

What's new ✨

▼ Reports & analytics

Cache statistics

Monitoring

Alarms

Popular objects

Top referrers

Usage

Viewers

▼ Security

Origin access identity

Public key

Field-level encryption

Best practices to optimize Lambda@Edge with CloudFront. [Learn more](#) ✕

CloudFront Distributions

[Create Distribution](#) [Distribution Settings](#) [Delete](#) [Enable](#) [Disable](#) [Refresh](#) [Settings](#) [Help](#) [User](#)

Viewing : Any Delivery Method ▾ Any State ▾

	Delivery Method	ID	Domain Name	Comment	Origin	CNAMEs	Status
<input type="checkbox"/>	Web	E1BZX452I18FRV	d176g9g5jt906m.cloudfront.net	-	shree-demo.s3.amazonaws.com	-	Deployed
<input type="checkbox"/>	Web	E2PKI0HWOF8SVU	d3dn372wz4246h.cloudfront.net	-	shree-webhosting.s3.amazonaws.com	-	Deployed

S3 URL THAT WILL BE USED TO “wget” index.html

← → ↻ s3.console.aws.amazon.com/s3/object/shree-demo/index.html?region=us-west-2&tab=overview ☆ S

aws Services ▾ Resource Groups ▾

shreeni123 ▾ Global ▾ Support ▾

Overview Properties Permissions Select from

Open Download Download as Make public Copy path

Owner
shreenivas.i

Last modified
May 26, 2020 11:10:18 PM GMT-0400

Etag
f7aa5227df6e8cfa53c094d212d31b8f


Storage class
Standard

Server-side encryption
None

Size
4.0 KB

Key
index.html

Object URL
<https://shree-demo.s3-us-west-2.amazonaws.com/index.html>



NETWORK AND SERVERS STACK CREATED USING SCRIPT 'create-stack-IAC'

us-west-2.console.aws.amazon.com/cloudformation/home?region=us-west-2#/stacks?filteringText=&filteringStatus=active&viewNested=true&hideStacks=false

aws Services Resource Groups

shreeni123 Oregon Support


CloudFormation > Stacks

Stacks (2) [Refresh] [Delete] [Update] [Stack actions] [Create stack]

Filter by stack name Active View nested

	Stack name	Status	Created time	Description
<input type="radio"/>	Servers	✔ CREATE_COMPLETE	2020-05-27 03:10:52 UTC-0400	Shree Iyer This template is for Project 2
<input type="radio"/>	Network	✔ CREATE_COMPLETE	2020-05-27 02:49:40 UTC-0400	Shree Iyer This template is for Project 2


NETWORK - STACK INFO



Services ▾

Resource Groups ▾

★

 shreeni123 ▾ Oregon ▾ Support ▾

CloudFormation > Stacks > Network


Stacks (2)

Active ▾ ☒ View nested

< 1 >


Servers

2020-05-27 03:57:57 UTC-0400

 CREATE_IN_PROGRESS

Network

2020-05-27 03:54:07 UTC-0400

 CREATE_COMPLETE


Network

Delete Update Stack actions ▾ Create stack ▾

Stack info Events Resources Outputs Parameters Template Change sets

Overview


Stack ID

arn:aws:cloudformation:us-west-2:692963223244:stack/Network/3e34f6c0-9fef-11ea-8a32-06d207b7e764 

Description

Shree Iyer This template is for Project 2

Status

 CREATE_COMPLETE

Status reason

-

Root stack

-

Parent stack

-

Created time

2020-05-27 03:54:07 UTC-0400

Deleted time

-

Updated time

-

10

NETWORK - EVENTS

CloudFormation > Stacks > Network

Stacks (2)



Filter by stack name

Active



View nested



1

Servers

2020-05-27 03:57:57 UTC-0400

CREATE_IN_PROGRESS

Network

2020-05-27 03:54:07 UTC-0400

CREATE_COMPLETE

Events (65)



Search events



Timestamp	Logical ID	Status	Status reason
2020-05-27 03:57:44 UTC-0400	Network	CREATE_COMPLETE	-
2020-05-27 03:57:42 UTC-0400	DefaultPrivateRoute2	CREATE_COMPLETE	-
2020-05-27 03:57:27 UTC-0400	DefaultPrivateRoute2	CREATE_IN_PROGRESS	Resource creation Initiated
2020-05-27 03:57:26 UTC-0400	DefaultPrivateRoute2	CREATE_IN_PROGRESS	-
2020-05-27 03:57:24 UTC-0400	NatGateway2	CREATE_COMPLETE	-
2020-05-27 03:56:56 UTC-0400	DefaultPrivateRoute1	CREATE_COMPLETE	-
2020-05-27 03:56:41 UTC-0400	DefaultPrivateRoute1	CREATE_IN_PROGRESS	Resource creation Initiated
2020-05-27 03:56:40 UTC-0400	DefaultPrivateRoute1	CREATE_IN_PROGRESS	-

NETWORK - RESOURCES

← → ↻ us-west-2.console.aws.amazon.com/cloudformation/home?region=us-west-2#/stacks/resources?filteringText=&filteringStatus=active&viewNested=true&hideStacks=false&stac... ☆ S

aws Services ▾ Resource Groups ▾ ☆

shreeni123 ▾ Oregon ▾ Support ▾

CloudFormation > Stacks > Network

Stacks (2) ↻

🔍 Filter by stack name

Active ▾ ☒ View nested

< 1 >

Servers ○

2020-05-27 03:57:57 UTC-0400

🔍 CREATE_IN_PROGRESS

Network ●

2020-05-27 03:54:07 UTC-0400

✅ CREATE_COMPLETE

Resources (21) ↻

🔍 Search resources

⚙️

Logical ID ▲	Physical ID ▼	Type ▼	Status ▼	Status reason ▼
DefaultPrivateRoute1	Netwo-Defau-11M1M0A8SPB9N	AWS::EC2::Route	✅ CREATE_COMPLETE	-
DefaultPrivateRoute2	Netwo-Defau-EETORXH685V4	AWS::EC2::Route	✅ CREATE_COMPLETE	-
DefaultPublicRoute	Netwo-Defau-HVEKIKYCEPOV	AWS::EC2::Route	✅ CREATE_COMPLETE	-
InternetGateway	igw-03b56d6e077f139b2	AWS::EC2::InternetGateway	✅ CREATE_COMPLETE	-
InternetGatewayAttachment	Netwo-Inter-1CBF1QD2CQQGC	AWS::EC2::VPCGatewayAttachment	✅ CREATE_COMPLETE	-
NatGateway1	nat-099a04378fdce417e	AWS::EC2::NatGateway	✅ CREATE_COMPLETE	-
NatGateway1EIP	44.231.144.230	AWS::EC2::EIP	✅ CREATE_COMPLETE	-

NETWORK - PARAMETERS

aws

Services ▾

Resource Groups ▾

★

shreeni123 ▾

Oregon ▾

Support ▾

CloudFormation > Stacks > Network

Stacks (2)

Filter by stack name

Active ▾

View nested

< 1 >

Servers

2020-05-27 03:10:52 UTC-0400

CREATE_COMPLETE

Network

2020-05-27 02:49:40 UTC-0400

CREATE_COMPLETE

Network

Delete Update Stack actions ▾ Create stack ▾

Stack info Events Resources Outputs Parameters Template Change sets

Parameters (6)

Search parameters

Key ▲	Value ▼	Resolved value ▼
EnvironmentName	IACProject2	-
PrivateSubnet1CIDR	10.0.2.0/24	-
PrivateSubnet2CIDR	10.0.3.0/24	-
PublicSubnet1CIDR	10.0.0.0/24	-
PublicSubnet2CIDR	10.0.1.0/24	-
VpcCIDR	10.0.0.0/16	-

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NETWORK - TEMPLATE

The screenshot displays the AWS CloudFormation console interface. At the top, the navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (shreeni123, Oregon, Support). The breadcrumb trail indicates the path: CloudFormation > Stacks > Network.

Stacks (2)

Filter by stack name

Active View nested

Stacks: 1

Servers

2020-05-27 03:10:52 UTC-0400

CREATE_COMPLETE

Network

2020-05-27 02:49:40 UTC-0400

CREATE_COMPLETE

Template

View in Designer

Description: >
Shree Iyer
This template is for Project 2

Parameters:

EnvironmentName:
Description: An environment that will be prefixed to resources
Type: String

VpcCIDR:
Description: Please enter the IP range (CIDR notation) for this
Type: String
Default: 10.0.0.0/16

PublicSubnet1CIDR:
Description: Please enter the IP range (CIDR notation) for this
Type: String
Default: 10.0.0.0/24

PublicSubnet2CIDR:
Description: Please enter the IP range (CIDR notation) for this
Type: String
Default: 10.0.1.0/24

PrivateSubnet1CIDR:
Description: Please enter the IP range (CIDR notation) for this
Type: String
Default: 10.0.2.0/24

PrivateSubnet2CIDR:
Description: Please enter the IP range (CIDR notation) for this
Type: String
Default: 10.0.3.0/24

Resources:
VPC:

NETWORK - OUTPUTS

aws

Services

Resource Groups

shreeni123

Oregon

Support

CloudFormation

Stacks

Network

Stacks (2)

Filter by stack name

Active

View nested

< 1 >

Servers

2020-05-27 03:57:57 UTC-0400

CREATE_IN_PROGRESS

Network

2020-05-27 03:54:07 UTC-0400

CREATE_COMPLETE

Outputs (10)

Search outputs

Key	Value	Description	Export name
PrivateSubnet1	subnet-0235066f44aea486d	A reference to the private subnet in the 1st Availability Zone	IACProject2-PR11-SN
PrivateSubnet2	subnet-02b03ae0df04581cc	A reference to the private subnet in the 2nd Availability Zone	IACProject2-PR12-SN
PrivateSubnets	subnet-0235066f44aea486d,subnet-0bd46bd2b4fbcc558	A list of the private subnets	IACProject2-PRIV-NETS
PublicSubnet1	subnet-061eb9d0bd95c5855	A reference to the public subnet in the 1st Availability Zone	IACProject2-PUB1-SN
PublicSubnet2	subnet-02b03ae0df04581cc	A reference to the public subnet in the 2nd Availability Zone	IACProject2-PUB2-SN
PublicSubnets	subnet-061eb9d0bd95c5855,subnet-02b03ae0df04581cc	A list of the public subnets	IACProject2-PUB-NETS
VPC	vpc-0e2e27297b002b2a4	A reference to the created VPC	IACProject2-VPCID

SERVICES – STACK INFO

aws

Services

Resource Groups

shreeni123

Oregon

Support

CloudFormation > Stacks > Servers

Stacks (2)

Filter by stack name

Active View nested

1

Servers

2020-05-27 03:10:52 UTC-0400

CREATE_COMPLETE

Network

2020-05-27 02:49:40 UTC-0400

CREATE_COMPLETE

Servers

Delete Update Stack actions Create stack

Stack info Events Resources Outputs Parameters Template Change sets

Overview

Stack ID

arn:aws:cloudformation:us-west-2:692963223244:stack/Servers/33119c90-9fe9-11ea-b90c-0275d40857f8

Description

Shree Iyer This template is for Project 2

Status

CREATE_COMPLETE

Status reason

-

Root stack

-

Parent stack

-

Created time

2020-05-27 03:10:52 UTC-0400

Deleted time

-

Updated time

-

Drift status

NOT_CHECKED

Last drift check time

-

Termination protection

Disabled

IAM role

-

SERVICES – EVENTS

aws

Services

Resource Groups

shreeni123

Oregon

Support

CloudFormation

Stacks

Servers

Stacks (2)

Filter by stack name

Active

View nested

< 1 >

Servers

2020-05-27 03:10:52 UTC-0400

CREATE_COMPLETE

Network

2020-05-27 02:49:40 UTC-0400

CREATE_COMPLETE

Servers

Stack info

Events

Resources

Outputs

Parameters

Template

Change sets

Delete

Update

Stack actions

Create stack

Events (26)

Search events

Timestamp	Logical ID	Status	Status reason
2020-05-27 03:13:13 UTC-0400	Servers	CREATE_COMPLETE	-
2020-05-27 03:13:11 UTC-0400	ALBListenerRule	CREATE_COMPLETE	-
2020-05-27 03:13:10 UTC-0400	ALBListenerRule	CREATE_IN_PROGRESS	Resource creation Initiated
2020-05-27 03:13:10 UTC-0400	ALBListenerRule	CREATE_IN_PROGRESS	-
2020-05-27 03:13:09 UTC-0400	Listener	CREATE_COMPLETE	-
2020-05-27 03:13:08 UTC-0400	Listener	CREATE_IN_PROGRESS	Resource creation Initiated
2020-05-27 03:13:08 UTC-0400	Listener	CREATE_IN_PROGRESS	-
2020-05-27 03:13:06 UTC-0400	WebAppLB	CREATE_COMPLETE	-
2020-05-27 03:12:00 UTC-0400	WebAppGroup	CREATE_COMPLETE	-

SERVERS – RESOURCES

aws

Services ▾

Resource Groups ▾

★

shreeni123 ▾

Oregon ▾

Support ▾

CloudFormation > Stacks > Servers

Stacks (2)

Filter by stack name

Active ▾

View nested

< 1 >

Servers

2020-05-27 03:10:52 UTC-0400

CREATE_COMPLETE

Network

2020-05-27 02:49:40 UTC-0400

CREATE_COMPLETE

Servers

Stack info

Events

Resources

Outputs

Parameters

Template

Change sets

Delete

Update

Stack actions ▾

Create stack ▾

Resources (8)

Search resources

Logical ID ▲

Physical ID ▼

Type ▼

Status ▼

Status reason ▼

ALBListenerRule

arn:aws:elasticloadbalancing:us-west-2:692963223244:listener-rule/app/Serve-WebApp-BV8B3BOMO10W/3101fea6bc1aab8e/e056b81dc2e89e1f/3124f15e5c8a2687

AWS::ElasticLoadBalancingV2::ListenerRule

CREATE_COMPLETE

-

LBSecGroup

sg-07983f3c86e3988a8

AWS::EC2::SecurityGroup

CREATE_COMPLETE

-

Listener

arn:aws:elasticloadbalancing:us-west-2:692963223244:listener/app/Serve-WebApp-BV8B3BOMO10W/3101fea6bc1aab8e/e056b81dc2e89e1f

AWS::ElasticLoadBalancingV2::Listener



CREATE_COMPLETE


-

Servers-WebAppGroup-


AWS::AutoScaling::A


SERVICES – PARAMETERS

 Services ▾ Resource Groups ▾ 



 shreeni123 ▾ Oregon ▾ Support ▾



CloudFormation > Stacks > Servers





Stacks (2) 

 Filter by stack name


Active ▾ ☒ View nested < 1 >



Servers 
2020-05-27 03:10:52 UTC-0400
 CREATE_COMPLETE

Network 
2020-05-27 02:49:40 UTC-0400
 CREATE_COMPLETE

Servers    

Stack info | Events | Resources | Outputs | **Parameters** | Template | Change sets

Parameters (2) 

 Search parameters 

Key ▲	Value ▼	Resolved value ▼
EnvironmentName	IACProject2	-
SSHLocation	0.0.0.0/0	-

SERVICES – TEMPLATE

The screenshot displays the AWS CloudFormation console interface. At the top, the navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (shreeni123, Oregon, Support). The breadcrumb trail shows 'CloudFormation > Stacks > Servers'. On the left sidebar, under 'Stacks (2)', two stacks are listed: 'Servers' (created 2020-05-27 03:10:52 UTC-0400, status CREATE_COMPLETE) and 'Network' (created 2020-05-27 02:49:40 UTC-0400, status CREATE_COMPLETE). The 'Servers' stack is selected. The main panel shows the 'Servers' stack details with tabs for 'Stack info', 'Events', 'Resources', 'Outputs', 'Parameters', 'Template' (active), and 'Change sets'. The 'Template' tab displays the template description: 'Shree Iyer This template is for Project 2'. It also lists parameters: 'EnvironmentName' (description: 'An environment that will be prefixed to resources', type: 'String') and 'SSHLocation' (description: 'The IP address range that can be used to SSH to the EC2 instances', type: 'String', minLength: 9, maxLength: 18, default: '0.0.0.0/0', allowedPattern: '^(\\d{1,3})\\.\\.\\.\\.\\d{1,3}\\.(\\d{1,3})\\.\\.\\.\\.\\d{1,3}\\/(\\d{1,2})\$', constraintDescription: 'must be a valid IP CIDR range of the form x.x.x.x/x.'). The resources section shows 'LBSecGroup' (type: 'AWS::EC2::SecurityGroup', properties: ...).

Servers

Stack info | Events | Resources | Outputs | Parameters | **Template** | Change sets

Template

Description: >
Shree Iyer
This template is for Project 2

Parameters:

EnvironmentName:
Description: An environment that will be prefixed to resources
Type: String

SSHLocation:
Description: "The IP address range that can be used to SSH to the EC2 instances"
Type: String
MinLength: 9
MaxLength: 18
Default: "0.0.0.0/0"
AllowedPattern: "^(\\d{1,3})\\.\\.\\.\\.\\d{1,3}\\.(\\d{1,3})\\.\\.\\.\\.\\d{1,3}\\/(\\d{1,2})\$"
ConstraintDescription: "must be a valid IP CIDR range of the form x.x.x.x/x."

Resources:

LBSecGroup:
Type: AWS::EC2::SecurityGroup
Properties:

SERVERS – OUTPUTS

The screenshot shows the AWS CloudFormation console for the 'Servers' stack in the us-west-2 region. The left sidebar shows a list of stacks: 'Servers' (created 2020-05-27 03:10:52 UTC-0400, status CREATE_COMPLETE) and 'Network' (created 2020-05-27 02:49:40 UTC-0400, status CREATE_COMPLETE). The main panel is titled 'Servers' and has tabs for Stack info, Events, Resources, Outputs, Parameters, Template, and Change sets. The 'Outputs' tab is selected, showing one output: 'LoadBalancerDNS' with the value 'http://Serve-WebAp-BV8B3BOMO10W-186072745.us-west-2.elb.amazonaws.com' and description '-'. The export name is 'DNS-URL'.

CloudFormation > Stacks > Servers

Servers

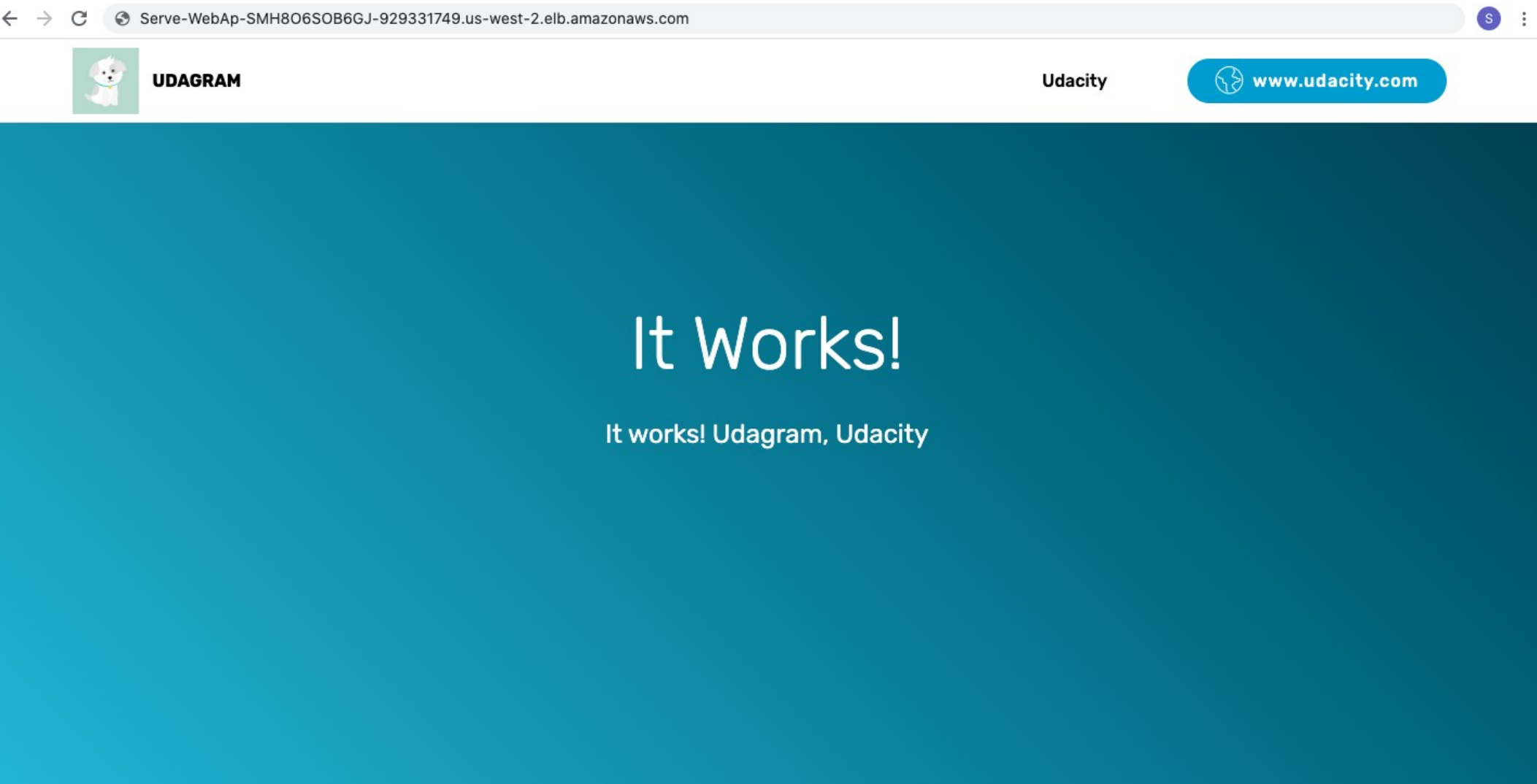
Stack info | Events | Resources | **Outputs** | Parameters | Template | Change sets

Outputs (1)

Key	Value	Description	Export name
LoadBalancerDNS	http://Serve-WebAp-BV8B3BOMO10W-186072745.us-west-2.elb.amazonaws.com	-	DNS-URL

<http://Serve-WebAp-SMH8O6SOB6GJ-929331749.us-west-2.elb.amazonaws.com>

WORKING WEBPAGE



<http://Serve-WebAp-SMH8O6SOB6GJ-929331749.us-west-2.elb.amazonaws.com>

RUNNING EC2 INSTANCES

aws Services ▾ Resource Groups ▾

New EC2 Experience
Tell us what you think

Launch Instance ▾ **Connect** **Actions** ▾

EC2 Dashboard **New**

Events **New**

Tags

Reports

Limits



▼ INSTANCES


Filter by tags and attributes or search by keyword








<input type="checkbox"/>	Name ▾	Instance ID ▾	Instance Type ▾	Availability Zone ▾	Instance State ▴	Status Checks ▾	Alarm Status	Public DNS (IPv4) ▾	IPv4 Public IP
<input type="checkbox"/>		i-07b76e789fb39e8b5	t3.medium	us-west-2b	running	2/2 checks ...	None		-
<input type="checkbox"/>		i-083143f6356c67eb9	t3.medium	us-west-2a	running	2/2 checks ...	None		-
<input type="checkbox"/>		i-0cb6af75a5efe9a22	t3.medium	us-west-2a	running	2/2 checks ...	None		-

SECURITY GROUPS

EC2 > Security Groups

Security Groups (7) [Info](#)  **Actions**  [Create security group](#)

< 1 > 

<input type="checkbox"/>	Security group ID ▾	Security group name ▾	VPC ID ▾	Description
<input type="checkbox"/>	sg-033dc6d6dd36cc640	test	vpc-8ba1c3f3 	test
<input type="checkbox"/>	sg-03588afd984039402	Servers-LBSecGroup-Y872HIH5783G	vpc-0e2e27297b002b2a4 	Allow http to our load
<input type="checkbox"/>	sg-0679a9a1dd77fcb92	default	vpc-0e2e27297b002b2a4 	default VPC security g
<input type="checkbox"/>	sg-0904f7608072b25da	Servers-WebServerSecGroup-I7ZY6VN71GPE	vpc-0e2e27297b002b2a4 	Allow http to our host
<input type="checkbox"/>	sg-0a29cb9e3c8ea6bfb	launch-wizard-1	vpc-8ba1c3f3 	launch-wizard-1 creat
<input type="checkbox"/>	sg-0aed5e2b9046953be	AutoScaling-Security-Group-1	vpc-8ba1c3f3 	AutoScaling-Security-
<input type="checkbox"/>	sg-968c88c9	default	vpc-8ba1c3f3 	default VPC security g

LOAD BALANCER

[Create Load Balancer](#) [Actions](#) ↺ ⚙

⏪ < 1 to 1 of 1 > ⏩

<input type="checkbox"/>	Name	DNS name	State	VPC ID	Availability Zones	Type
<input type="checkbox"/>	Serve-WebAp-SMH8O6SOB...	Serve-WebAp-SMH8O6SOB...	active	vpc-0e2e27297b002b2a4	us-west-2b, us-west-2a	application

Load balancer: **Serve-WebAp-SMH8O6SOB6GJ** ⌵ ⌵

Description

Listeners

Monitoring

Integrated services

Tags

Basic Configuration

Name	Serve-WebAp-SMH8O6SOB6GJ
ARN	arn:aws:elasticloadbalancing:us-west-2:692963223244:loadbalancer/app/Serve-WebAp-SMH8O6SOB6GJ/36aa0125829d2f34 🔗
DNS name	Serve-WebAp-SMH8O6SOB6GJ-929331749.us-west-2.elb.amazonaws.com 🔗 (A Record)
State	active
Type	application

TARGET GROUPS

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#TargetGroups:sort=targetGroupName

aws Services ▾ Resource Groups ▾

shreeni123 ▾ Oregon ▾ Support ▾

New EC2 Experience
Tell us what you think

Create target group Actions ▾

Filter by tags and attributes or search by keyword

<input type="checkbox"/>	Name	Port	Protocol	Target type	Load Balanc	VPC ID	Monitoring
<input type="checkbox"/>	Serve-WebAp-1FCCZ4TSM...	80	HTTP	instance	Serve-Web...	vpc-0e2e27297b002b2a4	

Target group: **Serve-WebAp-1FCCZ4TSMH3VH**

Description Targets Health checks Monitoring Tags

Basic Configuration

Name	Serve-WebAp-1FCCZ4TSMH3VH
ARN	arn:aws:elasticloadbalancing:us-west-2:692963223244:targetgroup/Serve-WebAp-1FCCZ4TSMH3VH/af8e3a4f3e6aedb5
Protocol	HTTP
Port	80
Target type	instance
VPC	vpc-0e2e27297b002b2a4
Load balancer	Serve-WebAp-SMH8O6SOB6GJ

AUTOSCALING LAUNCH CONFIGURATIONS

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Create Auto Scaling group

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<< < 1 to 1 of 1 Launch Configurations > >>

<input type="checkbox"/>	Name	AMI ID	Instance Type	Spot Price	Creation Time
<input checked="" type="checkbox"/>	Servers-WebAppLaunchConfig-1GJQIBYYBO4O	ami-06d51e91...	t3.medium		May 27, 2020 at 4:10:08 AM UT...

Launch Configuration: Servers-WebAppLaunchConfig-1GJQIBYYBO4O

Details

AMI ID

ami-06d51e91cea0dac8d

IAM Instance Profile

Key Name

EBS Optimized

Spot Price

RAM Disk ID

User data

Instance Type

t3.medium

Kernel ID

Monitoring

Security Groups

Creation Time

Block Devices

IP Address Type

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AUTOSCALING GROUPS

us-west-2.console.aws.amazon.com/ec2/autoscaling/home?region=us-west-2#AutoScalingGroups:id=Servers-WebAppGroup-1JYTHKPE3OUR3;view=details

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Try the new design for Amazon EC2 Auto Scaling
This older console is being replaced with the new EC2 Auto Scaling console. No new features or improvements will be made in this older console. [Go to the new console.](#)

Create Auto Scaling group Actions

Filter: Filter Auto Scaling groups...

1 to 1 of 1 Auto Scaling Groups

Auto Scaling Group: Servers-WebAppGroup-1JYTHKPE3OUR3

Details Activity History Scaling Policies Instances Monitoring Notifications Tags Scheduled Actions Lifecycle Hooks

Launch Configuration	Servers-WebAppLaunchConfig-1GJQIBYYBO4O	Availability Zone(s)	us-west-2a, us-west-2b
		Subnet(s)	subnet-0235066f44aea486d, subnet-0bd46bd2b4fbcc558
Desired Capacity	3	Classic Load Balancers	
Min	3	Target Groups	Serve-WebAp-1FCCZ4TSMH3VH
Max	5	Health Check Type	EC2
		Health Check Grace Period	0
		Instance Protection	

