

# Elastic Beanstalk


## EBS Enviroment

[Elastic Beanstalk](#) > [Environments](#) > Devops001-env

**Devops001-env**  
[Devops001-env.eba-tgpiu4ra.ap-south-1.elasticbeanstalk.com](#) (e-pjvyvsdz7u)  
Application name: **devops-001**

Refresh


Actions ▼

**Health**  
  
Ok  

Causes

**Running version**  
Sample Application  

Upload and deploy

**Platform**  
  
Python 3.8 running on 64bit  
Amazon Linux 2/3.3.10  

Change

## Instance

**Instance summary for i-0124b9fea8c179462 (Devops001-env)** [Info](#)

Refresh

Connect

Instance state ▼

Actions ▼

Instance ID  
 i-0124b9fea8c179462 (Devops001-env)

IPv6 address  
–

Hostname type  
IP name: ip-172-31-2-30.ap-south-1.compute.internal

Instance type  
t2.micro

AWS Compute Optimizer finding  
 Opt-in to AWS Compute Optimizer for recommendations.  
[Learn more](#) 

Public IPv4 address  
 3.111.39.20 | [open address](#) 

Instance state  
 **Running**

Private IP DNS name (IPv4 only)  
 ip-172-31-2-30.ap-south-1.compute.internal

Elastic IP addresses  
–

IAM Role  
 [aws-elasticbeanstalk-ec2-role](#) 

Private IPv4 addresses  
 172.31.2.30

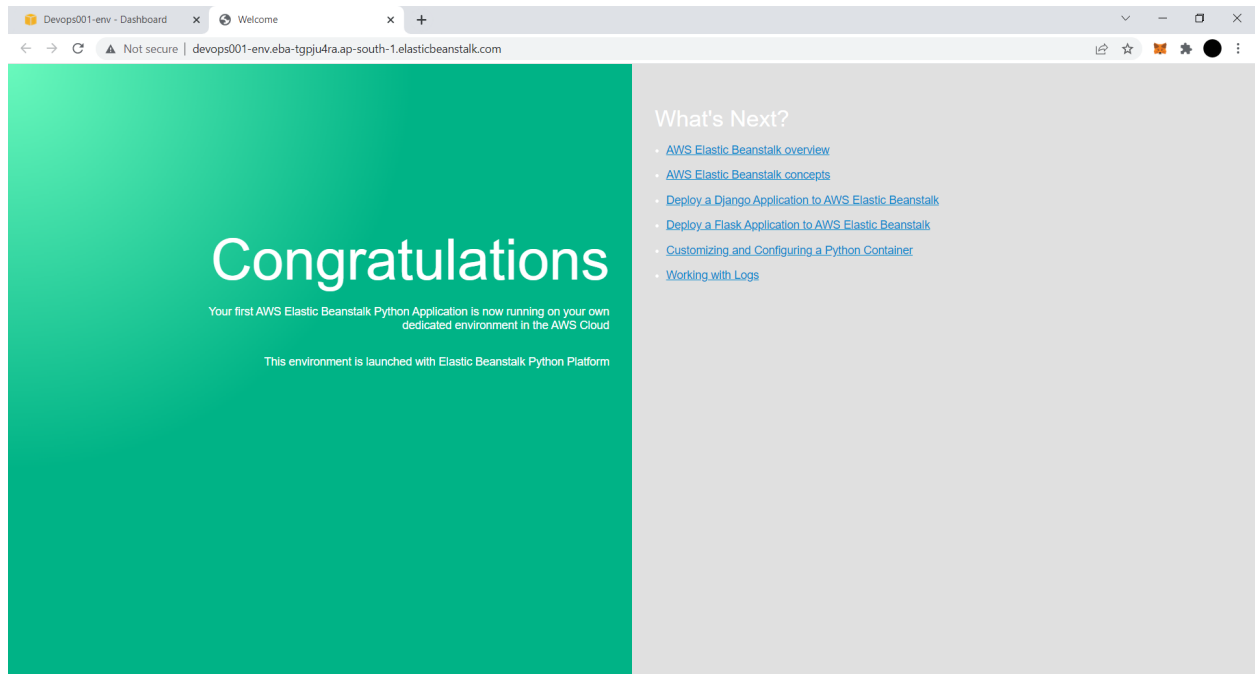
Public IPv4 DNS  
 ec2-3-111-39-20.ap-south-1.compute.amazonaws.com  
| [open address](#) 

Answer private resource DNS name  
–

VPC ID  
 [vpc-07096f20dd72ecd58](#) 

Subnet ID  
 [subnet-05d2b1543357d189c](#) 

## Output



## Lambda function

### EC2 instances

Instance summary for i-04504d37660b86739 (instance1) <a href="#">Info</a>			<a href="#">Refresh</a>	<a href="#">Connect</a>	<a href="#">Instance state ▼</a>	<a href="#">Actions ▼</a>
Instance ID <a href="#">i-04504d37660b86739 (instance1)</a>	Public IPv4 address <a href="#">3.109.58.214</a>   <a href="#">open address</a>	Private IPv4 addresses <a href="#">170.90.2.158</a>				
IPv6 address -	Instance state ⏸ Pending	Public IPv4 DNS -				
Hostname type IP name: ip-170-90-2-158.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) <a href="#">ip-170-90-2-158.ap-south-1.compute.internal</a>	Answer private resource DNS name IPv4 (A)				
Instance type t2.micro	Elastic IP addresses -	VPC ID <a href="#">vpc-0ce2d0da4a5d923a1 (Devops)</a>				
AWS Compute Optimizer finding ⓘ Opt-in to AWS Compute Optimizer for recommendations. <a href="#">Learn more</a>	IAM Role -	Subnet ID <a href="#">subnet-034156eea76456417 (devops-sub2)</a>				

**Instance summary for i-0a81c4b899bd28b3b (instance2)**
[Info](#)

↻

Connect

Instance state ▼

Actions ▼

Updated less than a minute ago

<b>Instance ID</b> <div>i-0a81c4b899bd28b3b (instance2)</div>	<b>Public IPv4 address</b> <div>52.66.240.168   <a href="#">open address</a></div>	<b>Private IPv4 addresses</b> <div>170.90.2.120</div>
<b>IPv6 address</b> <div>–</div>	<b>Instance state</b> <div>Running</div>	<b>Public IPv4 DNS</b> <div>–</div>
<b>Hostname type</b> <b>IP name:</b> ip-170-90-2-120.ap-south-1.compute.internal	<b>Private IP DNS name (IPv4 only)</b> <div>ip-170-90-2-120.ap-south-1.compute.internal</div>	<b>Answer private resource DNS name</b> <b>IPv4 (A)</b>
<b>Instance type</b> t2.micro	<b>Elastic IP addresses</b> <div>–</div>	<b>VPC ID</b> <div>vpc-0ce2d0da4a5d923a1 (Devops)</div>
<b>AWS Compute Optimizer finding</b> <div>Opt-in to AWS Compute Optimizer for recommendations.   <a href="#">Learn more</a></div>	<b>IAM Role</b> <div>–</div>	<b>Subnet ID</b> <div>subnet-034156eea76456417 (devops-sub2)</div>

Start ec2 function

**StartEC2Instance**

Throttle

Copy ARN

Actions ▼

▼ Function overview

Info

StartEC2Instance

Layers (0)

EventBridge (CloudWatch Events)

+ Add trigger

+ Add destination

Description

–

Last modified

8 hours ago

Function ARN

arnaws:lambda:ap-south-1:907564173539:function:StartEC2 Instance

Python code for start ec2

```
1 import boto3
2 region = 'ap-south-1'
3 instances = ['i-04504d37660b86739', 'i-0a81c4b899bd28b3b']
4 ec2 = boto3.client('ec2', region_name=region)
5
6 def lambda_handler(event, context):
7     ec2.start_instances(InstanceIds=instances)
8     print('started your instances: ' + str(instances))
```

Test log of start ec2

Execution result x

lambda\_function. x

+

▼ Execution results

Status: Succeeded

Max memory used: 74 MB

Time: 715.80 ms

<b>Test Event Name</b> test1	
<b>Response</b> null	
<b>Function Logs</b> START RequestId: a4353f56-d3d8-45ba-b645-5390305826b6 Version: \$LATEST started your instances: ['i-04504d37660b86739', 'i-0a81c4b899bd28b3b'] END RequestId: a4353f56-d3d8-45ba-b645-5390305826b6 REPORT RequestId: a4353f56-d3d8-45ba-b645-5390305826b6 Duration: 715.80 ms Billed Duration: 716 ms Memory Size: 128 MB Max Memory Used: 74 MB Init Duration: 462.73 ms	
<b>Request ID</b> a4353f56-d3d8-45ba-b645-5390305826b6	

## Event bridge for Start ec2

Rule details

Rule name

StartEC2Instances

Description

Rule ARN

arn:aws:events:ap-south-1:907564173539:rule/StartEC2Instances

Status

Enabled

Event bus name

default

Event bus ARN

arn:aws:events:ap-south-1:907564173539:event-bus/default

Monitoring

[Metrics for the rule](#)

Event schedule

cron(\* / 5 \* \* \* ? \*)

Target(s) (1)

Name

Type

ARN

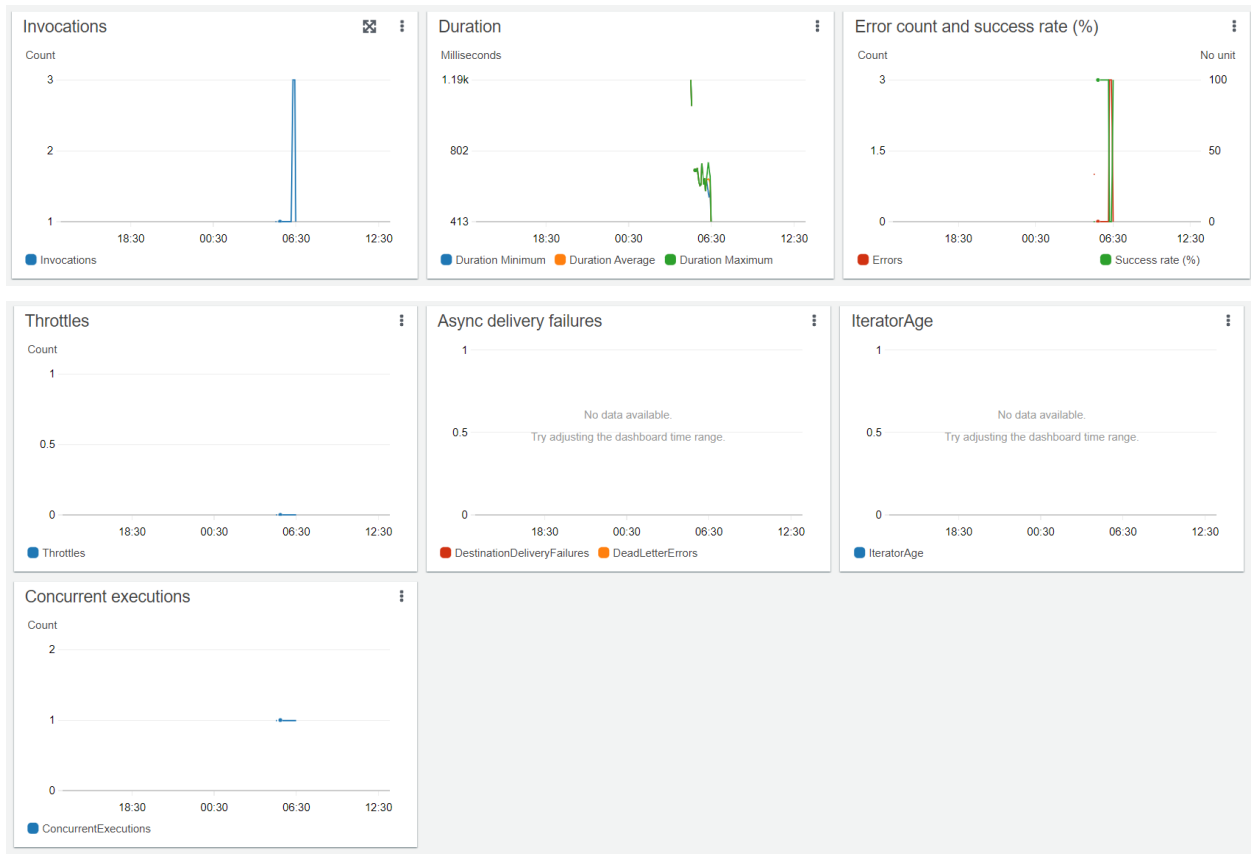
StartEC2Instance

Lambda function

arn:aws:lambda:ap-south-1:907564173539:function:StartEC2Instance

View details

## Invocation of Start EC2



## Stop ec2 function

StopEC2Instance

ThrottleCopy ARNActions

▼ Function overviewInfo

StopEC2Instance

Layers(0)

EventBridge (CloudWatch Events)

+ Add trigger

+ Add destination

Description-

Last modified8 hours ago

Function ARNarn:aws:lambda:ap-south-1:907564173539:function:StopEC2Instance

## Python code for stop ec2

```
1 import boto3
2 region = 'ap-south-1'
3 instances = ['i-04504d37660b86739', 'i-0a81c4b899bd28b3b']
4 ec2 = boto3.client('ec2', region_name=region)
5
6 def lambda_handler(event, context):
7     ec2.stop_instances(InstanceIds=instances)
8     print('started your instances: ' + str(instances))
```

## Test log of stop ec2

▼ Execution results		Status: Succeeded	Max memory used: 74 MB	Time: 508.80 ms
Test Event Name	test1			
Response	null			
Function Logs	START RequestId: 5261b26d-bcb4-44ec-8dc1-26f77b7bd7e0 Version: \$LATEST started your instances: ['i-04504d37660b86739', 'i-0a81c4b899bd28b3b'] END RequestId: 5261b26d-bcb4-44ec-8dc1-26f77b7bd7e0 REPORT RequestId: 5261b26d-bcb4-44ec-8dc1-26f77b7bd7e0 Duration: 508.80 ms Billed Duration: 509 ms Memory Size: 128 MB Max Memory Used: 74 MB Init Duration: 360.90 ms			
Request ID	5261b26d-bcb4-44ec-8dc1-26f77b7bd7e0			

## Event bridge for stop ec2

Rule details

Rule name

StopEC2Instance

Description

Rule ARN

arn:aws:events:ap-south-1:907564173539:rule/StopEC2Instance

Status

Enabled

Event bus name

default

Event bus ARN

arn:aws:events:ap-south-1:907564173539:event-bus/default

Monitoring

[Metrics for the rule](#)

Event schedule

cron(/5 \* \* \* ? \*)

Target(s) (1)

Name

Type

ARN

StopEC2Instance

Lambda function

arn:aws:lambda:ap-south-1:907564173539:function:StopEC2Instance

View details

## Invocation of stop EC2

