

← → C ⌂ ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/firstassignment1?newFunction=true&tab=configuration

Apps Google Contest: Samsung... Google Reliance Netconnect 3/24/2015 -- WIREL.. Wireless power tran... Firewall Authentific... Unblocked - Access... Z-Buffer or Depth...

aws Services Resource Groups

Successfully created the function **firstassignment1**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Lambda > Functions > firstassignment1 ARN - arn:aws:lambda:ap-south-1:230581397735:function:firstassignment1

firstassignment1

Throttle Qualifiers Actions ▾ testAssignment1 ▾ Test Save

Execution result: succeeded (logs)

Details

Configuration Permissions Monitoring

Designer

firstassignment1
Unsaved changes

Layers (0)

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15:53 18-02-2020

Resource Groups Chetanya Mumbai Save

Throttle Qualifiers Actions testAssignment1 Test

Runtime Handler Info

Python 3.6 lambda_function.lambda_handler

Find View Go Tools Window Save Test

assignment1 / lambda_function.py

lambda_function x

```
1 import boto3
2 region = 'ap-south-1'
3 instances = ['i-05be5c0c4039881ed']
4 ec2 = boto3.client('ec2', region_name=region)
5 def lambda_handler(event, context):
6     ec2.start_instances(InstanceIds=instances)
7     print('start your instances: ' + str(instances))
```

Execution Result x

Execution results Status: Succeeded Max Memory Used: 50 MB Time: 0.26

```
[root@ip-10-0-2-84 ec2-user]# chmod 600 secondAssignment
[root@ip-10-0-2-84 ec2-user]# ssh -i secondAssignment ec2-user@10.0.3.127
[ec2-user@ip-10-0-3-127 ~]$
```

Amazon Linux 2 AMI

```
https://aws.amazon.com/amazon-linux-2/
No packages needed for security; 6 packages available
Run "sudo yum update" to apply all updates.
```

Secondary private IPs

VPC ID: vpc-0004a62ca9ee66f1b
(secondAssignment)

Subnet ID: subnet-0f7d8e72dbea541f4 (Private)

Security groups

ap-south-1a

Scheduled events

No scheduled events

AMI ID

amzn2-ami-hvm-2.0.20200304.0-x86_64-gp2 (ami-03b5297d565ef30a6)

Platform details

-

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Locked s3.console.aws.amazon.com/s3/buckets/tsystems-bucket/?region=ap-south-1

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Services Resource Groups Chetan

S3 > tsystems-bucket

Prop https://aws.amazon.com/amazon-linux-2/ No packages needed for security; 6 packages available Run "sudo yum update" to apply all updates.

```
[ec2-user@ip-10-0-2-84 ~]$ sudo su
[root@ip-10-0-2-84 ec2-user]# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 2.4 kB     00:00
Resolving Dependencies
--> Running transaction check
--> Package gnupg2.x86_64 0:2.0.22-5.amzn2.0.3 will be updated
--> Package gnupg2.x86_64 0:2.0.22-5.amzn2.0.4 will be an update
--> Package langtable.noarch 0:0.0.31-3.amzn2 will be updated
--> Package langtable.noarch 0:0.0.31-4.amzn2 will be an update
--> Package langtable-data.noarch 0:0.0.31-3.amzn2 will be updated
--> Package langtable-data.noarch 0:0.0.31-4.amzn2 will be an update
--> Package langtable-python.noarch 0:0.0.31-3.amzn2 will be updated
--> Package langtable-python.noarch 0:0.0.31-4.amzn2 will be an update
```

Assignment.txt 38.0 B GMT+0530 Mar 19, 2020 12:41:21 AM 179.5 KB Standard

chetanya_resume.docx Standard

English (US)

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```
[ec2-user@ip-10-0-3-127:~]# chmod 600 secondAssignment
[ec2-user@ip-10-0-3-127:~]# ssh -i secondAssignment ec2-user@10.0.0.127
[ec2-user@ip-10-0-3-127 ~]$ ls
[ec2-user@ip-10-0-3-127 ~]$ cat > assignment.txt
this file is created for assignments.
^Z
[1]+  Stopped                  cat > assignment.txt
[ec2-user@ip-10-0-3-127 ~]$ ls
assignment.txt
[ec2-user@ip-10-0-3-127 ~]$ aws s3 cp assignment.txt s3://tsystems-bucket
```

aws Services Resource Groups

Amazon S3 > tsystems-bucket

tsystems-bucket

Overview Properties Permissions Management Access points

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

Upload Create folder Download Actions

Name	Last modified	Size
assignment.txt	Mar 22, 2020 6:54:08 PM GMT+0530	38.0 B
chetanya_resume.docx	Mar 19, 2020 12:41:21 AM GMT+0530	179.5 KB

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Instances | EC2 Manager | Your Onboard | T-Systems | T-Systems | T-Systems | My Drive | what is http | +

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Services Resource Groups

Create Load Balancer Actions

Filter by tags and attributes or search by keyword

Name	DNS name	State	VPC ID
ThirdAssignment	ThirdAssignment-1834622357.ap-south-1.elb.amazonaws.com	InService	vpc-fbbab093

Load balancer: ThirdAssignment

Description Instances Health check Listeners Monitoring Tags Migration

Connection Draining: Enabled, 300 seconds (Edit)

Edit Instances

Instance ID	Name	Availability Zone	Status	Actions
i-00d2081bf61154c1f	MyWebServer	ap-south-1a	InService	Remove from Load Balancer

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08:15 ENG 24-03-2020

ap-south-1.console.aws.amazon.com/ec2/autoscaling/home?region=ap-south-1#CreateAutoScalingGroup:source=lc:launchConfigurationName=MyThirdAssignment

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Configure Auto Scaling group details 2. Configure scaling policies 3. Configure Notifications 4. Configure Tags 5. Review

Create Auto Scaling Group

Scale between and instances. These will be the minimum and maximum size of your group.

Increase Group Size

Name:

Execute policy when: awsec2-MyThirdAssignment-CPU-Utilization [Edit](#) [Remove](#)
breaches the alarm threshold: CPUUtilization >= 90 for 300 seconds
for the metric dimensions AutoScalingGroupName = MyThirdAssignment

Take the action: capacity units when <= CPUUtilization < +infinity
[Add step](#)

Instances need: seconds to warm up after each step

Create a simple scaling policy [i](#)

[Cancel](#) [Previous](#) [Review](#) [Next: Configuration](#)

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[Configure Auto Scaling group details](#)**2. Configure scaling policies**[3. Configure Notifications](#)[4. Configure Tags](#)[5. Review](#)

Create Auto Scaling Group

[Add step](#) **Instances need:** seconds to warm up after each step

Create a simple scaling policy



Decrease Group Size

Name: **Execute policy when:** awsec2-MyThirdAssignment-High-CPU-Utilization [Edit](#) [Remove](#)
breaches the alarm threshold: CPUUtilization <= 30 for 300 seconds
for the metric dimensions AutoScalingGroupName = MyThirdAssignment**Take the action:** [Remove](#) capacity units >= CPUUtilization > -infinity[Add step](#) [Cancel](#)[Previous](#)**Review**[Next](#)[Feedback](#) English (US)

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MyWebServer.pem



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credentials.csv



s Resource Groups

Create Load Balancer Actions

Filter by tags and attributes or search by keyword

Name	DNS name	State	VPC ID
ThirdAssi...	ThirdAssignment-1834622357.ap-south-1.elb.amazonaws.com		vpc-fbbab093
ThirdAssi...	ThirdAssignment-1520884460.ap-south-1.elb.amazonaws.com	active	vpc-fbbab093

Select a load balancer

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Instances Instances

Reports Limits

INSTANCES Instances

Instance Types Launch Templates New

Spot Requests Savings Plans

Reserved Instances Dedicated Hosts New

Capacity Reservations

IMAGES AMIs

Bundle Tasks

Launch Instance Connect Actions

Filter by tags and attributes or search by keyword

K 1 to 10 of 10

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
MyWebServer	i-00d2081b1b1154c1f	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-13-232-65-22.ap-s...
Chetanya	i-039b1d53ef0cf9a91	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-13-232-155-6.ap-s...
ThirdAsssign...	i-040017a0c63ffb49b	t2.micro	ap-south-1b	terminated		None	
ThirdAssign...	i-042f8887ea00f16b1	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-52-66-214-57.ap-s...
Chetanya	i-08b730e5958af9efc	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-3-7-46-188.ap-sout...
MyEc2WebS...	i-092bfe326040f1843	t2.micro	ap-south-1a	stopped		None	
ThirdAssign...	i-0bdae648eba3f62f8	t2.micro	ap-south-1a	running	2/2 checks ...	None	ec2-13-233-114-189.ap...
PrivateEc2	i-0hf2104843801baed	t2.micro	ap-south-1a	running	2/2 checks ...	None	

Instances: i-040017a0c63ffb49b (ThirdAssignment), i-042f8887ea00f16b1 (ThirdAssignment), i-0bdae648eba3f62f8 (ThirdAssignment)

Description Status Checks Monitoring Tags

i-040017a0c63ffb49b:
i-042f8887ea00f16b1: ec2-52-66-214-57.ap-south-1.compute.amazonaws.com
i-0bdae648eba3f62f8: ec2-13-233-114-189.ap-south-1.compute.amazonaws.com

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Create Load Balancer Actions ▾

Filter by tags and attributes or search by keyword K < 1 to 3 of 3 >

Name	DNS name	State	VPC ID	Availability Zones	Type
ThirdAssi...	ThirdAssignment-1834622357.ap-sou...		vpc-fbbab093	ap-south-1a, ap-south-...	classic
ThirdAssi...	ThirdAssignment-1520884460.ap-sou...	active	vpc-fbbab093	ap-south-1a, ap-south-...	application
MyNetwo...	MyNetworkLB-2cfed8d868eb276b.elb...	provisioning	vpc-fbbab093	ap-south-1c, ap-south-...	network

Load balancer: MyNetworkLB

Description Listeners Monitoring Integrated services Tags

Basic Configuration

Name: MyNetworkLB

ARN: arn:aws:elasticloadbalancing:ap-south-1:230581397735:loadbalancer/net/MyNetworkLB/2cfed8d868eb276b

DNS name: MyNetworkLB-2cfed8d868eb276b.elb.ap-south-1.amazonaws.com

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Create Load Balancer Actions ▾

Filter by tags and attributes or search by keyword K < 1 to 3 of 3 >

Name	DNS name	State	VPC ID	Availability Zones	Type
ThirdAssi...	ThirdAssignment-1834622357.ap-sou...		vpc-fbbab093	ap-south-1a, ap-south...	classic
ThirdAssi...	ThirdAssignment-1520884460.ap-sou...	active	vpc-fbbab093	ap-south-1a, ap-south...	application
MyNetwo...	MyNetworkLB-2cfed8d868eb276b.elb...	provisioning	vpc-fbbab093	ap-south-1c, ap-south...	network

Load balancer: ThirdAssignment

Description Listeners Monitoring Integrated services Tags

Basic Configuration

Name	ThirdAssignment
ARN	arn:aws:elasticloadbalancing:ap-south-1:230581397735:loadbalancer/app/ThirdAssignment/c8fb5f8ae69a3ccdf
DNS name	ThirdAssignment-1520884460.ap-south-1.elb.amazonaws.com