EC2 Dashboard ✕

EC2 Global View

Events

Console-to-
Code Preview

▼ Instances

Key pairs (1) Info

Actions ▼   Create key pair

Q Find Key Pair by attribute or tag

Name = Project_KP ✕   Clear filters

‹ 1 › ⚙

☐	Name	▽	Type	▽	Created	▽	Fingerprint	ID	▽
☐	Project_KP		rsa		2023/08/01 16:20 GMT+5:30		a3:f9:f0:ec:ea:9f:fd:dd:e2:ab:1d...	key-0940a4db48d39f62a	

≡ Specify stack details

Step 3
Configure stack options

Step 4
Review and create

Prerequisite - Prepare template

Prepare template
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.

- ● **Choose an existing template**
  Upload or choose an existing template.

- ○ **Use a sample template**
  Choose from our sample template library.

- ○ **Build from Application Composer**
  Create a template using a visual builder.

Specify template Info
A template is a JSON or YAML file that describes your stack's resources and properties.

Template source
Selecting a template generates an Amazon S3 URL where it will be stored.

- ○ **Amazon S3 URL**
  Provide an Amazon S3 URL to your template.

- ● **Upload a template file**
  Upload your template directly to the console.

- ○ **Sync from Git - *new***
  Sync a template from your Git repository.

Upload a template file

⤒ Choose file

| Project3Updated.yaml | ✕ |

CloudFormation > Stacks > Create stack

Specify stack details

Provide a stack name

Stack name

AWS-Project-3

Stack name must be 1 to 128 characters, start with a letter, and only contain alphanumeric characters. Character count: 13/128.

Parameters

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

KeyName
Name of an existing EC2 KeyPair to enable SSH access to the instance

Project_KP ▾

SSHLocation
The IP address range that can be used to SSH to the EC2 instance

0.0.0.0/0

N. Virginia ▼   Satya Koushik ▼

CloudFormation > Stacks >
AWS-Project-3

AWS-Project-3   ⚙ ✕

Delete   Update   Stack actions ▼   Create stack ▼

Stacks (1)   ↻

🔍 Filter by stack name

Filter status

Active ▼   🔵 View nested

⟨ 1 ⟩

< | Stack info | **Events** | Resources | Outputs | Parameters | Template | Change sets | Gi >

Events (66)   Detect root cause   ↻

🔍 Search events   ⚙

Stacks

AWS-Project-3

● 2024-06-28 19:21:00 UTC+0530

⊘ CREATE_COMPLETE

Timestamp ▼	Logical ID	Status	Detailed status	Stat
2024-06-28 19:23:36 UTC+0530	AWS-Project-3	⊘ CREATE_COMPLETE	-	-
2024-06-28 19:23:35 UTC+0530	EC2InstanceProfile	⊘ CREATE_COMPLETE	-	-
2024-06-28 19:22:48 UTC+0530	EC2Instance	⊘ CREATE_COMPLETE	-	-
2024-06-28 19:22:08	SNSTopic	⊘ CREATE_COMPLETE	-	-

Amazon SNS   ✕

ⓘ **New Feature**   ✕
Amazon SNS now supports in-place message archiving and replay for FIFO topics. Learn more ↗

Dashboard

Topics

Subscriptions

▼ Mobile

Push notifications

Text messaging (SMS)

Origination numbers

Amazon SNS > Topics

Topics (1)   Edit   Delete   Publish message   **Create topic**

Q Search   < 1 >   ⚙

Name ▲	Type ▽	ARN ▽
○ VPCE-Tutorial-Topic	Standard	arn:aws:sns:us-east-1:538868351340:V...

Amazon SNS   ✕

ⓘ **New Feature**   ✕
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Dashboard

Topics

Subscriptions

▼ Mobile

Push notifications

Text messaging (SMS)

Origination numbers

⊘ **Subscription to VPCE-Tutorial-Topic created successfully.**   ✕
The ARN of the subscription is arn:aws:sns:us-east-1:538868351340:VPCE-Tutorial-Topic:ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2.

Amazon SNS > Topics > VPCE-Tutorial-Topic > Subscription: ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2

Subscription: ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2   Edit   Delete

Details

ARN
arn:aws:sns:us-east-1:538868351340:VPCE-Tutorial-
Topic:ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2

Endpoint
koushik.mallidi898@gmail.com

Topic
VPCE-Tutorial-Topic

Status
🕐 Pending confirmation

Protocol
EMAIL

aws

Simple Notification Service

Subscription confirmed!

You have successfully subscribed.

Your subscription's id is:
arn:aws:sns:us-east-1:538868351340:VPCE-Tutorial-Topic:ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2

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Lambda ✕

Dashboard
Applications
Functions

▼ **Additional resources**

Code signing configurations
Event source mappings
Layers
Replicas

▼ **Related AWS resources**

Step Functions state machines

Lambda ❯ Functions

Functions (2)

Last fetched 1 second ago ↻ Actions ▼ **Create function**

Q Filter by tags and attributes or search by keyword

‹ 1 › ⚙

☐	Function name ▽	Description ▽	Package type ▽	Runtime ▽	Last modified ▽
☐	VPCE-Tutorial-Lambda-2	SNS VPC endpoint tutorial lambda function 2	Zip	Python 3.9	24 minutes ago
☐	VPCE-Tutorial-Lambda-1	SNS VPC endpoint tutorial lambda function 1	Zip	Python 3.9	24 minutes ago

VPC dashboard ✕

EC2 Global View 🗗

Filter by VPC ▼

▼ **Virtual private cloud**

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

Carrier gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Your VPCs (1/1) Info

Last updated less than a minute ago | ⟳ | Actions ▼ | **Create VPC**

🔍 DHCP option set = ✕

Name : VPCE-Tutorial-VPC ✕ | **Clear filters**

‹ 1 › ⚙

☑	Name	▽	VPC ID	▽	State	▽	IPv4 CIDR	▽	IPv6 CIDR
☑	VPCE-Tutorial-VPC		vpc-01e261b170e17fda5		⊘ Available		10.0.0.0/16		–

═

vpc-01e261b170e17fda5 / VPCE-Tutorial-VPC

Details | Resource map | CIDRs | Flow logs | Tags | Integrations

Details

VPC ID
📋 vpc-01e261b170e17fda5

State
⊘ Available

DNS hostnames
Enabled

DNS resolution
Enabled

Tenancy
Default

DHCP option set
dopt-0bcd45852a53c2a7a

Main route table
rtb-0959d2bad20fe9a54

Main network ACL
acl-0b1dd73d10d5babe6

```
ec2-user@ip-10-0-0-147:~

login as: ec2-user
Authenticating with public key "imported-openssh-key"


      __|  __|_  )
      _|  (     /   Amazon Linux 2 AMI
     ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-0-147 ~]$ ping google.com
PING google.com (142.251.16.138) 56(84) bytes of data.
^C
--- google.com ping statistics ---
63 packets transmitted, 0 received, 100% packet loss, time 63471ms

[ec2-user@ip-10-0-0-147 ~]$ █
```

```
ec2-user@ip-10-0-0-147:~                                                              —    ⟷    ×

[ec2-user@ip-10-0-0-147 ~]$ aws sns publish --region us-east-1 --topic-arn arn:aws:sns:us-east-1:538868351340:VPCE-Tutorial-Topic --me
ssage "Hi, hope you are well. Here are your reports."
{
    "MessageId": "fdcd9db4-369a-5e1b-9b6d-c34cfa1a9f12"
}
[ec2-user@ip-10-0-0-147 ~]$
```

Lambda ✕

Dashboard

Applications

Functions

VPCE-Tutorial-Lambda-1

▼ **Additional resources**

Code signing configurations

Event source mappings

Layers

Replicas

▼ **Related AWS resources**

Step Functions state machines

○ Alarm recommendations ♀

3h 1d 1w ▦ | UTC timezone ▼ | ⟳ | ▼ | ⋮

CloudWatch metrics

Lambda sends runtime metrics for your functions to Amazon CloudWatch. The metrics shown are an aggregate view of all function runtime activity. To view metrics for the unqualified or $LATEST resource, choose **Filter by**. To view metrics for a specific function version or alias, choose **Aliases** or **Versions**, select the alias or version, and then choose **Monitor**.

Invocations ⛶ ⓘ ⋮

Count

2

1   ∙

0
11:37   14:36
● Invocations

Duration ⓘ ⋮

Milliseconds

2

1.9   ∙

1.8
11:37   14:36
● Duration minimum
● Duration average
● Duration maximum

Error count and success rat... ⓘ ⋮

Count   No unit

1   ∙ 100

0.5   99.5

0   ∙ 99
11:37   14:36
● Errors   ● Success rate (%)

Throttles ⓘ ⋮

Total concurrent executions ⓘ ⋮

Recursive invocations drop... ⓘ ⋮

AWS Notification Message   Inbox ×

VPCE-Tutorial-Topic <no-reply@sns.amazonaws.com>   8:05 PM (6 minutes ago)

to me ▼

Hi, hope you are well. Here are your reports.

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:
https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:538868351340:VPCE-Tutorial-Topic:ca5d0c79-cabb-43ed-ba15-b6dfaef9bfd2&Endpoint=koushik.mallidi898@gmail.com

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