Services

Services
Features
Resources **New**
Documentation
Knowledge articles
Marketplace
Blog posts
Events
Tutorials

CloudFormation
Create and Manage Resources with Templates

Top features

Stacks   StackSets   IaC Generator   Exports   Infrastructure Composer

CloudFront
Global Content Delivery Network

Infrastructure Composer
Visually design and build modern applications quickly

Features

IaC Generator
- CloudFormation feature

Spotlight
- CloudFormation feature

Public extensions
- CloudFormation feature

Resources / for a focused search

☰ CloudFormation > Stacks ⊚

CloudFormation ‹

Stacks
StackSets
Exports

Infrastructure Composer
IaC generator

Hooks overview New
Hooks New

▼ **Registry**
Public extensions
Activated extensions
Publisher

Spotlight

Feedback

Stacks (0)

⟳ Delete Update Stack actions ▾ Create stack ▾

Q Filter by stack name

Filter status
Active ▾ ⬤ View nested

‹ 1 › ⚙

	Stack name	Status	Created time ▾	Description

No stacks
No stacks to display

Create stack

View getting started guide

EC2 **S3** **VPC** **EFS** **Lambda** **IAM** **DynamoDB** **RDS** **Elastic Beanstalk** **FSx** **Simple Queue Service** **Simple Notification Service** **CloudWatch** **CloudTrail**

☰ CloudFormation > Stacks > Create stack

CloudFormation ‹

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Hooks overview New
Hooks New

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	Step 1
◉	**Create stack**
	Step 2
○	Specify stack details
	Step 3
○	Configure stack options
	Step 4
○	Review and create

Create stack

Prerequisite - Prepare template
You can also create a template by scanning your existing resources in the IaC generator ↗.

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.

◉ **Build from Infrastructure Composer**
Create a template using a visual builder.

Create a template in Infrastructure Composer
Use Infrastructure Composer to visually design your stacks on a simple, drag-and-drop interface. Infrastructure Composer automatically updates and validates the template.

Create in Infrastructure Composer

Cancel   Next

aws ::: Search [Alt+S] N. Virginia ▾ Nashit ▾

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

CloudFormation > Stacks > Create stack

CloudFormation ‹

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Advanced options

You can set additional options for your stack, like notification options and a stack policy. Learn more ↗

▶ **Stack policy - *optional***
Defines the resources that you want to protect from unintentional updates during a stack update.

▶ **Rollback configuration - *optional***
Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back.

▶ **Notification options - *optional***
Specify a new or existing Amazon Simple Notification Service topic where notifications about stack events are sent.

▶ **Stack creation options - *optional***
Specify the timeout and termination protection options for stack creation.

Capabilities

ⓘ **The following resource(s) require capabilities: [AWS::IAM::Role]**

This template contains Identity and Access Management (IAM) resources. Check that you want to create each of these resources and that they have the minimum required permissions. In addition, they have custom names. Check that the custom names are unique within your AWS account. Learn more ↗

☑ **I acknowledge that AWS CloudFormation might create IAM resources with custom names.**

Cancel   Previous   Next

EC2 | S3 | VPC | EFS | Lambda | IAM | DynamoDB | RDS | Elastic Beanstalk | FSx | Simple Queue Service | Simple Notification Service | CloudWatch | CloudTrail

CloudFormation > Stacks > projectStack

CloudFormation   ‹

Stacks
- **Stack details**
- Drifts

StackSets

Exports

Infrastructure Composer

IaC generator

Hooks overview **New**

Hooks **New**

▼ **Registry**

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Feedback

⊟ Stacks (0)

Filter status

🔍 Filter by stack name   Active ▼

⬤ View nested

‹ **1** ›

| Stacks

projectStack   ⚙ ›

Delete   Update   Stack actions ▼   Create stack ▼

Stack info   **Events – updated**   **Resources**   **Outputs**   **Parameters**   **Template**   **Change sets**   **Git sync**

Table view   Timeline view - new

Events (0)

View root cause   ↻

🔍 Search events   ⚙

Timestamp ▼	Logical ID	Status	Detailed status	Status reason
		No values found		

```yaml
AWSTemplateFormatVersion: 2010-09-09
Description: CloudFormation Template for SNS VPC Endpoints Tutorial
Parameters:
  KeyName:
    Description: Name of an existing EC2 KeyPair to enable SSH access to the instance
    Type: 'AWS::EC2::KeyPair::KeyName'
    ConstraintDescription: must be the name of an existing EC2 KeyPair.
  SSHLocation:
    Description: The IP address range that can be used to SSH to the EC2 instance
    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.
Mappings:
  RegionMap:
    us-east-1:
      AMI: ami-0c293f3f676ec4f90
    us-east-2:
      AMI: ami-08b6f2a5c291246a0
    us-west-1:
      AMI: ami-051317f1184dd6e92
    us-west-2:
      AMI: ami-0b9f27b05e1de14e9
Resources:
  VPC:
    Type: 'AWS::EC2::VPC'
    Properties:
      CidrBlock: 10.0.0.0/16
      EnableDnsSupport: 'true'
      EnableDnsHostnames: 'true'
      Tags:
        - Key: Name
          Value: VPCE-Tutorial-VPC
  Subnet:
    Type: 'AWS::EC2::Subnet'
    Properties:
      VpcId: !Ref VPC
      CidrBlock: 10.0.1.0/24
      Tags:
        - Key: Name
          Value: VPCE-Tutorial-Subnet
  InternetGateway:
    Type: 'AWS::EC2::InternetGateway'
    Properties:
      Tags:
        - Key: Name
          Value: VPCE-Tutorial-InternetGateway
  VPCGatewayAttachment:
    Type: 'AWS::EC2::VPCGatewayAttachment'
    Properties:
```

```yaml
    Properties:
      VpcId: !Ref VPC
      InternetGatewayId: !Ref InternetGateway
  RouteTable:
    Type: 'AWS::EC2::RouteTable'
    Properties:
      VpcId: !Ref VPC
      Tags:
        - Key: Name
          Value: VPCE-Tutorial-RouteTable
  SubnetRouteTableAssociation:
    Type: 'AWS::EC2::SubnetRouteTableAssociation'
    Properties:
      RouteTableId: !Ref RouteTable
      SubnetId: !Ref Subnet
  InternetGatewayRoute:
    Type: 'AWS::EC2::Route'
    Properties:
      RouteTableId: !Ref RouteTable
      GatewayId: !Ref InternetGateway
      DestinationCidrBlock: 0.0.0.0/0

  SecurityGroup:
    Type: 'AWS::EC2::SecurityGroup'
    Properties:
      GroupName: Tutorial Security Group
      GroupDescription: Security group for SNS VPC endpoing tutorial
      VpcId: !Ref VPC
      SecurityGroupIngress:
        - IpProtocol: '-1'
          CidrIp: 10.0.0.0/16
        - IpProtocol: tcp
          FromPort: '22'
          ToPort: '22'
          CidrIp: !Ref SSHLocation
      SecurityGroupEgress:
        - IpProtocol: '-1'
          CidrIp: 10.0.0.0/16
      Tags:
        - Key: Name
          Value: VPCE-Tutorial-SecurityGroup

  EC2Instance:
    Type: 'AWS::EC2::Instance'
    Properties:
      KeyName: !Ref KeyName
      InstanceType: t2.micro
      ImageId: !FindInMap
        - RegionMap
        - !Ref 'AWS::Region'
```

```yaml
103        NetworkInterfaces:
104          - AssociatePublicIpAddress: 'true'
105            DeviceIndex: '0'
106            GroupSet:
107              - !Ref SecurityGroup
108            SubnetId: !Ref Subnet
109        IamInstanceProfile: !Ref EC2InstanceProfile
110        Tags:
111          - Key: Name
112            Value: VPCE-Tutorial-EC2Instance
113  EC2InstanceProfile:
114    Type: 'AWS::IAM::InstanceProfile'
115    Properties:
116      Roles:
117        - !Ref EC2InstanceRole
118      InstanceProfileName: myEC2InstanceProfile-Sudip
119  EC2InstanceRole:
120    Type: 'AWS::IAM::Role'
121    Properties:
122      RoleName: VPCE-Tutorial-EC2InstanceRole
123      AssumeRolePolicyDocument:
124        Version: 2012-10-17
125        Statement:
126          - Effect: Allow
127            Principal:
128              Service: ec2.amazonaws.com
129            Action: 'sts:AssumeRole'
130      ManagedPolicyArns:
131        - 'arn:aws:iam::aws:policy/AmazonSNSFullAccess'
132  LambdaExecutionRole:
133    Type: 'AWS::IAM::Role'
134    Properties:
135      AssumeRolePolicyDocument:
136        Version: 2012-10-17
137        Statement:
138          - Effect: Allow
139            Principal:
140              Service: lambda.amazonaws.com
141            Action: 'sts:AssumeRole'
142      ManagedPolicyArns:
143        - 'arn:aws:iam::aws:policy/service-role/AWSLambdaBasicExecutionRole'
144  LambdaFunction1:
145    Type: 'AWS::Lambda::Function'
146    Properties:
147      Code:
148        ZipFile: |
149          from __future__ import print_function
150          print('Loading function')
151          def lambda_handler(event, context):
152            message = event['Records'][0]['Sns']['Message']
153            print("From SNS: " + message)
154            return message
```

```yaml
154            return message
155        Description: SNS VPC endpoint tutorial lambda function 1
156        FunctionName: VPCE-Tutorial-Lambda-1
157        Handler: index.lambda_handler
158        Role: !GetAtt
159          - LambdaExecutionRole
160          - Arn
161        Runtime: python3.9
162        Timeout: '3'
163  LambdaPermission1:
164    Type: 'AWS::Lambda::Permission'
165    Properties:
166      Action: 'lambda:InvokeFunction'
167      FunctionName: !Ref LambdaFunction1
168      Principal: sns.amazonaws.com
169      SourceArn: !Ref SNSTopic
170  LambdaLogGroup1:
171    Type: 'AWS::Logs::LogGroup'
172    Properties:
173      LogGroupName: !Sub "/aws/lambda/${LambdaFunction1}"
174      RetentionInDays: '7'
175  LambdaFunction2:
176    Type: 'AWS::Lambda::Function'
177    Properties:
178      Code:
179        ZipFile: |
180          from __future__ import print_function
181          print('Loading function')
182          def lambda_handler(event, context):
183            message = event['Records'][0]['Sns']['Message']
184            print("From SNS: " + message)
185            return message
186        Description: SNS VPC endpoint tutorial lambda function 2
187        FunctionName: VPCE-Tutorial-Lambda-2
188        Handler: index.lambda_handler
189        Role: !GetAtt
190          - LambdaExecutionRole
191          - Arn
192        Runtime: python3.9
193        Timeout: '3'
194  LambdaPermission2:
195    Type: 'AWS::Lambda::Permission'
196    Properties:
197      Action: 'lambda:InvokeFunction'
198      FunctionName: !Ref LambdaFunction2
199      Principal: sns.amazonaws.com
200      SourceArn: !Ref SNSTopic
201  LambdaLogGroup2:
202    Type: 'AWS::Logs::LogGroup'
203    Properties:
204      LogGroupName: !Sub "/aws/lambda/${LambdaFunction2}"
205      RetentionInDays: '7'
```

```yaml
193          Timeout: '3'
194    LambdaPermission2:
195      Type: 'AWS::Lambda::Permission'
196      Properties:
197        Action: 'lambda:InvokeFunction'
198        FunctionName: !Ref LambdaFunction2
199        Principal: sns.amazonaws.com
200        SourceArn: !Ref SNSTopic
201    LambdaLogGroup2:
202      Type: 'AWS::Logs::LogGroup'
203      Properties:
204        LogGroupName: !Sub "/aws/lambda/${LambdaFunction2}"
205        RetentionInDays: '7'
206    SNSTopic:
207      Type: 'AWS::SNS::Topic'
208      Properties:
209        DisplayName: VPCE-Tutorial-Topic
210        TopicName: VPCE-Tutorial-Topic
211        Subscription:
212          - Endpoint: !GetAtt
213              - LambdaFunction1
214              - Arn
215            Protocol: lambda
216          - Endpoint: !GetAtt
217              - LambdaFunction2
218              - Arn
219            Protocol: lambda
```

EC2 🔲 S3 🔲 VPC 🔲 EFS 🔲 Lambda 🔲 IAM 🔲 DynamoDB 🔲 RDS 🔲 Elastic Beanstalk 🔲 FSx 🔲 Simple Queue Service 🔲 Simple Notification Service 🔲 CloudWatch 🔲 CloudTrail

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

NAT gateways

Peering connections

▼ **Security**

Network ACLs

Security groups

▼ **PrivateLink and Lattice**

Getting started Updated

Endpoints Updated

Endpoint services

Service networks Updated

Lattice services

Your VPCs (2) Info

Last updated less than a minute ago

Actions ▾   Create VPC

🔍 Search

‹ 1 › ⚙

☐	Name	▽	VPC ID	▽	State	▽	Block Public...	▽	IPv4 CIDR	▽	IPv6 CIDR	▽	DHCP option set	▽	Mai
☐	–		vpc-09680e78bbae569c4		⊘ Available		⊖ Off		172.31.0.0/16		–		dopt-0ea2c776a77bb2c...		rtb-
☐	VPCE-Tutorial-VPC		vpc-01305b40ac73d6c8b		⊘ Available		⊖ Off		10.0.0.0/16		–		dopt-0ea2c776a77bb2c...		rtb-

Select a VPC above

EC2 | S3 | VPC | EFS | Lambda | IAM | DynamoDB | RDS | Elastic Beanstalk | FSx | Simple Queue Service | Simple Notification Service | CloudWatch | CloudTrail

Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections

▼ Security
Network ACLs
Security groups

▼ PrivateLink and Lattice
Getting started Updated
Endpoints Updated
Endpoint services
Service networks Updated
Lattice services
Resource configurations New
Resource gateways New
Target groups

▼ DNS firewall
Rule groups
Domain lists

▼ Network Firewall

Endpoints Info

Actions ▾   Create endpoint

🔍 Search

1

	Name ▽	VPC endpoint ID ▽	Endpoint type ▽	Status ▽	Service name ▽	VPC ID
			No endpoint found			

Select an endpoint

aws | Q Search [Alt+S]

EC2 | S3 | VPC | EFS | Lambda | IAM | DynamoDB | RDS | Elastic Beanstalk | FSx | Simple Queue Service | Simple Notification Service | CloudWatch | CloudTrail

N. Virginia ▼ | Nas

Q Search

Service Name = com.amazonaws.us-east-1.sns ✕ | Clear filters

< 1 > ⚙

Service Name ▽	Owner ▽	Type ▽	Service Region ▽

Network settings
Select the VPC in which to create the endpoint

VPC
Create the VPC endpoint in the VPC in the same AWS Region from which you will access a resource.

vpc-01305b40ac73d6c8b (VPCE-Tutorial-VPC) ▼ ↻

▶ Additional settings

Subnets (1/6) Info

☑	Availability Zone ▽	Subnet ID ▽	Designate IP addresses	IPv4 address ▽	IPv6 address
☐	us-east-1a (use1-az2)	ⓘ No subnet available	☐		
☐	us-east-1b (use1-az4)	ⓘ No subnet available	☐		
☑	us-east-1c (use1-az6)	subnet-08baaede16697f4d3 ▼	☐		
☐	us-east-1d (use1-az1)	ⓘ No subnet available	☐		
☐	us-east-1e (use1-az3)	ⓘ No subnet available	☐		
☐	us-east-1f (use1-az5)	ⓘ No subnet available	☐		

IP address type
- ⦿ IPv4
- ◯ IPv6
- ◯ Dualstack

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

VPC > Endpoints > Create endpoint

Subnets (1/6) Info

☑	Availability Zone ▽	Subnet ID ▽	Designate IP addresses	IPv4 address ▽	IPv6 address

IP address type
- ● IPv4
- ○ IPv6
- ○ Dualstack

Security groups (1/3) Info

🔍 Search

< 1 > ⚙

☐	Group ID	Group name ▽	VPC ID ▽	Description ▽
☐	sg-068cc7cf77d93db7f	default	vpc-01305b40ac73d6c8b	default VPC security group
☑	sg-07d5e85f64ebcb853	Tutorial Security Group	vpc-01305b40ac73d6c8b	Security group for SNS VPC endpoing t...
☐	sg-062f5df15694a7237	default	vpc-09680e78bbae569c4	default VPC security group

sg-07d5e85f64ebcb853 ✕

Policy Info

VPC endpoint policy controls access to the service.

- ● **Full access**
  Allow access by any user or service within the VPC using credentials from any Amazon Web Services accounts to any resources in this Amazon Web Services service. All policies — IAM user policies, VPC endpoint policies, and Amazon Web Services service-specific policies (e.g. Amazon S3 bucket policies, any S3 ACL policies) — must grant the necessary permissions for access to succeed.

- ○ **Custom**
  Use the policy creation tool to generate a policy, then paste the generated policy below.

```
1
```

JSON Line 1, Column 1 ⊗ Errors: 0 ⚠ Warnings: 0

Code blocks in square or curly brackets can be expanded and collapsed with CTRL+Enter or Command+Enter.

Tags

Key

🔍 Name ✕

Value - *optional*

🔍 project-endpoint ✕

Remove

Add new tag

You can add 49 more tags.

Cancel   Create endpoint

aws   :::   Q Search   [Alt+S]   ⌘   ⌂   ?   ⚙   N. Virginia ▾   Nashit ▾

🔲 EC2   🟢 S3   🔷 VPC   🔷 EFS   Λ Lambda   📋 IAM   🔷 DynamoDB   🔷 RDS   🔷 Elastic Beanstalk   🔷 FSx   🔷 Simple Queue Service   🔷 Simple Notification Service   🔷 CloudWatch   🔷 CloudTrail

```
list-topics                         | opt-in-phone-number
publish                             | remove-permission
set-endpoint-attributes             | set-platform-application-attributes
set-sms-attributes                  | set-subscription-attributes
set-topic-attributes                | subscribe
tag-resource                        | unsubscribe
untag-resource                      | help
[ec2-user@ip-10-0-1-190 ~]$ aws sns pubic --region us-east-1 --topic-arn arn:aws:sns:us-east-1:024848469126:VPCE-Tutorial-Topic --message "Hello this is SNS message from EC2"
Note: AWS CLI version 2, the latest major version of the AWS CLI, is now stable and recommended for general use. For more information, see the AWS CLI version 2 installation instructions at: https://docs.
aws.amazon.com/cli/latest/userguide/install-cliv2.html

usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:

  aws help
  aws <command> help
  aws <command> <subcommand> help
aws: error: argument operation: Invalid choice, valid choices are:

add-permission                      | check-if-phone-number-is-opted-out
confirm-subscription                | create-platform-application
create-platform-endpoint            | create-topic
delete-endpoint                     | delete-platform-application
delete-topic                        | get-endpoint-attributes
get-platform-application-attributes | get-sms-attributes
get-subscription-attributes         | get-topic-attributes
list-endpoints-by-platform-application | list-phone-numbers-opted-out
list-platform-applications          | list-subscriptions
list-subscriptions-by-topic         | list-tags-for-resource
list-topics                         | opt-in-phone-number
publish                             | remove-permission
set-endpoint-attributes             | set-platform-application-attributes
set-sms-attributes                  | set-subscription-attributes
set-topic-attributes                | subscribe
tag-resource                        | unsubscribe
untag-resource                      | help
[ec2-user@ip-10-0-1-190 ~]$ aws sns publish --region us-east-1 --topic-arn arn:aws:sns:us-east-1:024848469126:VPCE-Tutorial-Topic --message "Hello this is SNS message from EC2"
{
    "MessageId": "2bb450e7-6b64-564f-8bfa-0f0409c7a2cf"
}
[ec2-user@ip-10-0-1-190 ~]$ ▮
```

i-0064ef965cae544c8 (VPCE-Tutorial-EC2Instance)   ✕

PublicIPs: 54.144.4.127   PrivateIPs: 10.0.1.190

EC2 · S3 · VPC · EFS · λ Lambda · IAM · DynamoDB · RDS · Elastic Beanstalk · FSx · Simple Queue Service · Simple Notification Service · CloudWatch · CloudTrail

CloudFormation > Stacks > projectStack

CloudFormation ‹

Stacks
- **Stack details**
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Hooks **New**

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☐ **Stacks** (1) ⟳

Filter status

🔍 Filter by stack name   Active ▼

🔘 View nested

‹ 1 ›

| Stacks

⬤ projectStack
2024-12-23 18:10:20 UTC+0530
⊘ CREATE_COMPLETE

Resources (19) ⟳

🔍 Search resources   ‹ 1 › ⚙

Logical ID ▲	Physical ID ▽	Type ▽	Status ▽	Module ▽
EC2InstanceProfile	myEC2InstanceProfile-Sudip	AWS::IAM::InstanceProfile	⊘ CREATE_COMPLETE	-
EC2InstanceRole	VPCE-Tutorial-EC2InstanceRole ↗	AWS::IAM::Role	⊘ CREATE_COMPLETE	-
InternetGateway	igw-082eb7f758572e47a ↗	AWS::EC2::InternetGateway	⊘ CREATE_COMPLETE	-
InternetGatewayRoute	rtb-0c1566857d9d6a959|0.0.0.0/0	AWS::EC2::Route	⊘ CREATE_COMPLETE	-
LambdaExecutionRole	projectStack-LambdaExecutionRole-RAbVi8Ee8Jpc ↗	AWS::IAM::Role	⊘ CREATE_COMPLETE	-
LambdaFunction1	VPCE-Tutorial-Lambda-1 ↗	AWS::Lambda::Function	⊘ CREATE_COMPLETE	-
LambdaFunction2	VPCE-Tutorial-Lambda-2 ↗	AWS::Lambda::Function	⊘ CREATE_COMPLETE	-
LambdaLogGroup1	/aws/lambda/VPCE-Tutorial-Lambda-1 ↗	AWS::Logs::LogGroup	⊘ CREATE_COMPLETE	-
LambdaLogGroup2	/aws/lambda/VPCE-Tutorial-Lambda-2 ↗	AWS::Logs::LogGroup	⊘ CREATE_COMPLETE	-
LambdaPermission1	projectStack-LambdaPermission1-Hcleuhhaeohr	AWS::Lambda::Permission	⊘ CREATE_COMPLETE	-
LambdaPermission2	projectStack-LambdaPermission2-NJ44uN6kLp8o	AWS::Lambda::Permission	⊘ CREATE_COMPLETE	-

Q Search [Alt+S]

N. Virginia ▼   Nashit ▼

EC2 S3 VPC EFS Lambda IAM DynamoDB RDS Elastic Beanstalk FSx FSx Simple Queue Service Simple Notification Service CloudWatch CloudTrail

Diagram Template

λ **VPCE-Tutorial-Lambda-1**

Layers (0)

Related functions:
Select a function ▼

SNS

+ Add trigger

+ Add destination

Description
SNS VPC endpoint tutorial lambda function 1

Last modified
27 minutes ago

Function ARN
arn:aws:lambda:us-east-1:024848469126:function:VPCE-Tutorial-Lambda-1

Application
projectStack

Function URL Info
-

Code   Test   Monitor   Configuration   Aliases   Versions

Code source Info

Upload from ▼

VPCE-Tutorial-Lambda-1

EXPLORER

∨ VPCE-TUTORIAL-LAMBDA-1
  index.py

index.py ×

index.py

```python
1  from __future__ import print_function
2  print('Loading function')
3  def lambda_handler(event, context):
4    message = event['Records'][0]['Sns']['Message']
5    print("From SNS: " + message)
6    return message
7
```

CloudWatch

Log events

Actions ▼   Start tailing   Create metric filter

You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns [↗]

| Filter events - press enter to search | Clear 1m 30m 1h 12h Custom 🗓 | Local timezone ▼ | Display ▼ |

▶	Timestamp	Message
		No older events at this moment. *Retry*
▶	2024-12-23T18:36:43.787+05:30	INIT_START Runtime Version: python:3.9.v64 Runtime Version ARN: arn:aws:lambda:us-east-1::runtime:57e9dce4a928fd5b7bc1015238a5bc8a9146f096d69571fa4219ed8a2e76bfdf
▶	2024-12-23T18:36:43.867+05:30	Loading function
▶	2024-12-23T18:36:43.869+05:30	START RequestId: dc9c1252-9fed-4a04-8679-3c56ec377b8d Version: $LATEST
▶	2024-12-23T18:36:43.869+05:30	From SNS: Hello this is SNS message from EC2
▶	2024-12-23T18:36:43.878+05:30	END RequestId: dc9c1252-9fed-4a04-8679-3c56ec377b8d
▶	2024-12-23T18:36:43.878+05:30	REPORT RequestId: dc9c1252-9fed-4a04-8679-3c56ec377b8d Duration: 9.21 ms Billed Duration: 10 ms Memory Size: 128 MB Max Memory Used: 31 MB Init Duration: 81.26 ms
		No newer events at this moment. *Auto retry paused. Resume*