

1. AWS CloudFormation to create a VPC

The screenshot shows the AWS CloudFormation console with the 'Stacks' tab selected. A search bar and filter dropdown are at the top. Below is a list of stacks:

- VPC-CFT1**: Status: CREATE_IN_PROGRESS, Last updated: 2026-02-09 00:47:27 UTC+0530.
- CFT-SNS**: Status: CREATE_COMPLETE, Last updated: 2026-02-08 22:59:31 UTC+0530.
- CFT-VPN**: Status: CREATE_COMPLETE, Last updated: 2026-02-08 19:13:05 UTC+0530.
- CF1234**: Status: CREATE_COMPLETE, Last updated: 2026-02-08 13:13:10 UTC+0530.

On the right, the 'Events' tab is selected for the VPC-CFT1 stack. It shows one event:

Operation ID	Timestamp	Logical ID	Status	Detailed status	User
665326fd-a01e-4215-bfec-d64cee2eb44	2026-02-09 00:47:27 UTC+0530	VPC-CFT1	CREATE_IN_PROGRESS	-	User

2. Connect VPC with AWS SNS

The screenshot shows the AWS Amazon SNS console under the 'Subscriptions' section. The left sidebar includes 'Dashboard', 'Topics', 'Subscriptions', 'Mobile' (Push notifications, Text messaging (SMS)), and 'Inbox' (397). A blue banner at the top says 'Amazon SNS now supports High Throughput FIFO topics. Learn more'. The main area shows a table of subscriptions:

ID	Endpoint	Status	Protocol	Topic
98c1f1b6-7109-4ee1-a01b...	priyadarshinimaruthupan...	Confirmed	EMAIL	SNS_Topic1

3. Publish message privately with SNS

The screenshot shows the Gmail inbox with 397 unread messages. Two messages from 'SNS Topic 1 <no-reply@sns.amazonaws.com>' are visible:

- StackId=arn:aws:cloudformation:us-east-1:395069634226:stack/VPC-CFT1/b58698c0-0522-11f1-8b14-0affef65680b**
Timestamp=2026-02-08T19:17:29.483Z
EventId=MyVPC-CREATE_IN_PROGRESS-2026-02-08T19:17:29.483Z
LogicalResourceId=MyVPC
Namespace=395069634226
ResourceProperties={"CidrBlock": "10.0.0.0/16", "EnableDnsSupport": "true", "EnableDnsHostnames": "true", "Tags": [{"Value": "CF-VPC", "Key": "Name"}]}
ResourceStatus=CREATE_IN_PROGRESS
ResourceStatusReason=""
DetailedStatus=""
ResourceType=AWS::EC2::VPC
- StackId=arn:aws:cloudformation:us-east-1:395069634226:stack/VPC-CFT1/b58698c0-0522-11f1-8b14-0affef65680b**
Timestamp=2026-02-08T19:17:30.443Z
EventId=MyGW-CREATE_IN_PROGRESS-2026-02-08T19:17:30.443Z
LogicalResourceId=MyGW
Namespace=395069634226
PhysicalResourceId=iw-0f938f01151baac20
ResourceProperties={"Tags": [{"Value": "CF-IGW", "Key": "Name"}]}

At the bottom, there are buttons for 'Compose', 'Upgrade', 'Reply', 'Forward', and a link to '25 new messages Show [g]'.

Gmail

Compose

Inbox 397

- Starred
- Snoozed
- Sent
- Drafts 32
- Purchases 8
- More

Labels +

SNS Topic 1 <no-reply@sns.amazonaws.com> to me 00:47 (0 minutes ago)

```
StackId='arn:aws:cloudformation:us-east-1:395069634226:stack/VPC-CFT1/b58698c0-0522-11f1-8b14-0affef65680b'
Timestamp='2026-02-08T19:17:31.040Z'
EventId='MyVPC-CREATE_IN_PROGRESS-2026-02-08T19:17:31.040Z'
LogicalResourceId='MyVPC'
Namespace='395069634226'
PhysicalResourceId='vpc-09e6443a868ae7d41'
ResourceProperties='{"CidrBlock": "10.0.0.16", "EnableDnsSupport": "true", "EnableDnsHostnames": "true", "Tags": [{"Value": "CF-VPC", "Key": "Name"}]}'
ResourceStatus='CREATE_IN_PROGRESS'
ResourceStatusReason='Resource creation initiated'
DetailedStatus=''
ResourceType='AWS::EC2::VPC'
```

SNS Topic 1 <no-reply@sns.amazonaws.com> to me 00:47 (0 minutes ago)

```
StackId='arn:aws:cloudformation:us-east-1:395069634226:stack/VPC-CFT1/b58698c0-0522-11f1-8b14-0affef65680b'
Timestamp='2026-02-08T19:17:31.096Z'
EventId='MyGW-feddd384-d5a9-4b2f-80d1-1044e82b35b0'
LogicalResourceId='MyGW'
Namespace='395069634226'
PhysicalResourceId='lgw-0f938f01151baac20'
PrincipalId='395069634226'
ResourceProperties='null'
```

Reply Forward

25 new messages Show Ignor

1 of 1,754

```
PrincipalId='395069634226'
ResourceProperties='null'
ResourceStatus='CREATE_IN_PROGRESS'
ResourceStatusReason='Eventual consistency check initiated'
DetailedStatus='CONFIGURATION_COMPLETE'
ResourceType='AWS::EC2::InternetGateway'
```

SNS Topic 1 <no-reply@sns.amazonaws.com> to me 00:47 (0 minutes ago)

```
StackId='arn:aws:cloudformation:us-east-1:395069634226:stack/VPC-CFT1/b58698c0-0522-11f1-8b14-0affef65680b'
Timestamp='2026-02-08T19:17:43.226Z'
EventId='MyVPC-CREATE_COMPLETE-2026-02-08T19:17:43.226Z'
LogicalResourceId='MyVPC'
Namespace='395069634226'
PhysicalResourceId='vpc-09e6443a868ae7d41'
ResourceProperties='{"CidrBlock": "10.0.0.16", "EnableDnsSupport": "true", "EnableDnsHostnames": "true", "Tags": [{"Value": "CF-VPC", "Key": "Name"}]}'
ResourceStatus='CREATE_COMPLETE'
ResourceStatusReason=''
```

Reply Forward

CloudFormation > Stacks > VPC-CFT1

Stacks (4) (C) X

Filter status Search by stack name Active

View nested

Stacks
VPC-CFT1 2026-02-09 00:47:27 UTC+0530 CREATE_COMPLETE
CFT-SNS 2026-02-08 22:59:31 UTC+0530 CREATE_COMPLETE
CFT-VPN 2026-02-08 19:13:05 UTC+0530

VPC-CFT1

Delete Update stack Stack actions Create stack

Stack info Events Resources Outputs Parameters Template Change sets Git sync

Events (32) Table view Timeline view

View root cause

Operation ID	Timestamp	Logical ID	Status	Detailed status	Stack
665326fd-a01e-4215-bfec-d64cee2be44	2026-02-09 00:48:08	VPC-CFT1	CREATE_COMPLETE	-	-