

AWS Assignment day 11 & 12

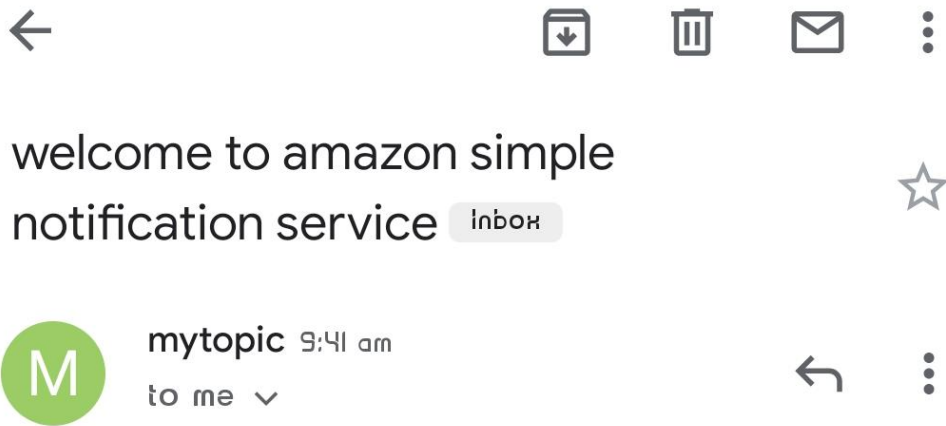
Task 1: Working with SNS

The screenshot shows the Amazon SNS console interface. The left sidebar contains navigation links for Dashboard, Topics, Subscriptions, and Mobile. The main content area displays the details for a topic named 'mytopic'. The details include the Name (mytopic), ARN (arn:aws:sns:us-east-2:245024665952:mytopic), Type (Standard), Display name (mytopic), and Topic owner (245024665952). Below the details, there are tabs for Subscriptions, Access policy, Delivery retry policy (HTTP/S), Delivery status logging, Encryption, and Tags. The Subscriptions tab is active, showing a list of 3 subscriptions. The table below lists the subscriptions with their IDs, endpoints, statuses, and protocols.

ID	Endpoint	Status	Protocol
beeae3f9-da83-4513-8fb6-21edb7495804	hello2nithin@gmail.com	Confirmed	EMAIL
63ab7de9-0253-477e-90a1-1e30fef22bb7	remeb31989@jqlb.com	Confirmed	EMAIL
d592e78c-9cca-4be3-abaa-4d75d1c0e50e	smartcoinmaker@gmail.com	Confirmed	EMAIL

The screenshot shows the 'Publish message' dialog box in the Amazon SNS console. The dialog has two tabs: 'Message structure' and 'Message attributes'. The 'Message structure' tab is active, showing options for 'Identical payload for all delivery protocols' (selected) and 'Custom payload for each delivery protocol'. Below these options, there is a text area for the 'Message body to send to the endpoint' containing the text: '1 this is simple notification demo launched by manoj k' and '2 thank you for subscribing'. The 'Message attributes' tab is also visible, showing a table for adding attributes. The table has columns for Type, Name, and Value. The current attribute is a String named 'availability' with a value of 'yes'. There are buttons for 'Add another attribute', 'Cancel', and 'Publish message'.

Type	Name	Value
String	availability	yes



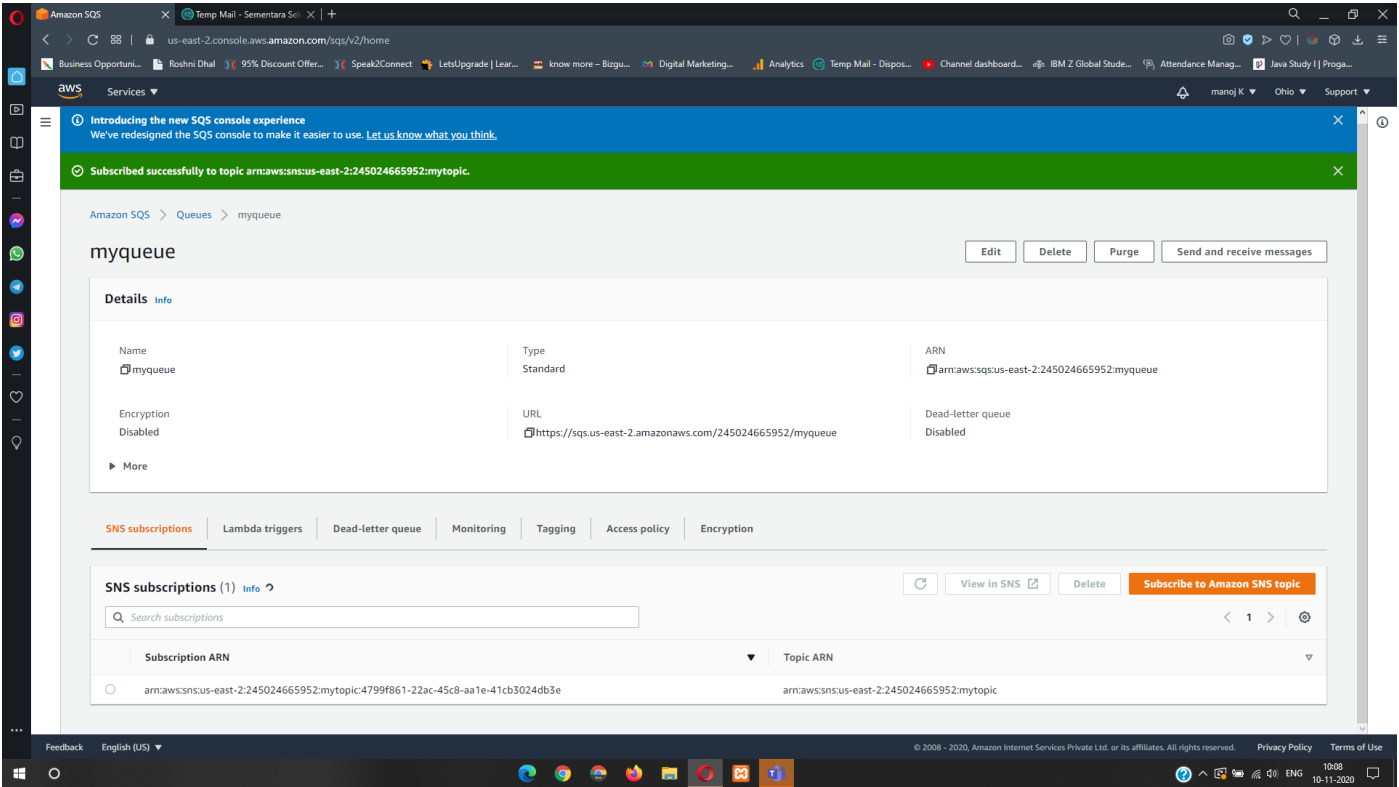
this is simple notification demo launched by manoj k
thank you for subscribing

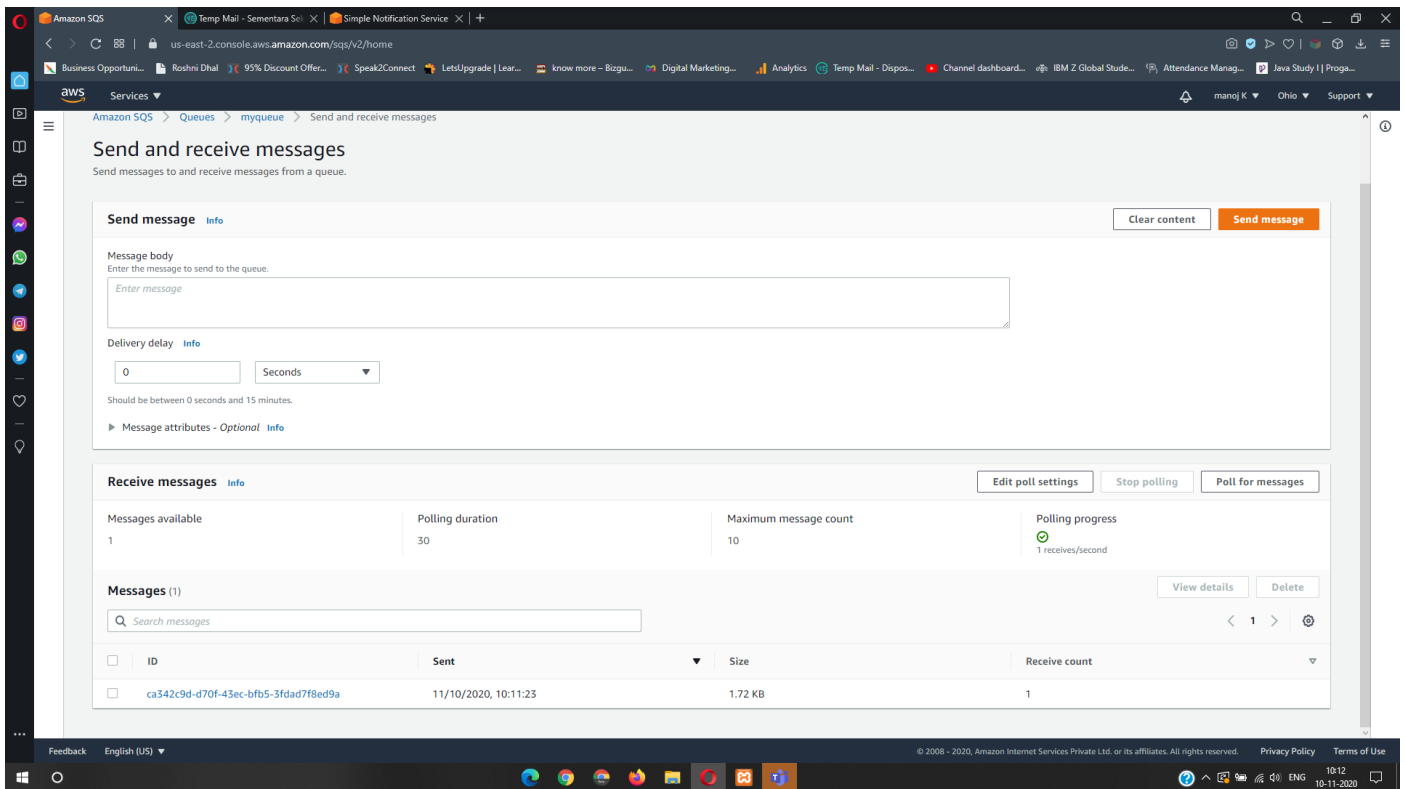
--
If you wish to stop receiving notifications from this topic, please click or visit the
link below to unsubscribe:

[https://sns.us-east-2.amazonaws.com/unsubscribe.html?
SubscriptionArn=arn:aws:sns:us-east-2:245024665952:mytopic:d592e78c-9cca-
4be3-abaa-4d75d1c0e50e&Endpoint=smartcoinmaker@gmail.com](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:mytopic:d592e78c-9cca-4be3-abaa-4d75d1c0e50e&Endpoint=smartcoinmaker@gmail.com)

Please do not reply directly to this email. If you have any questions or comments
regarding this email, please contact us at <https://aws.amazon.com/support>

Task 2 :Working with SQS





simple queue service **Inbox**



mytopic 10:11 am
to me ▾



this is the demo for simple queue service from manoj k

--

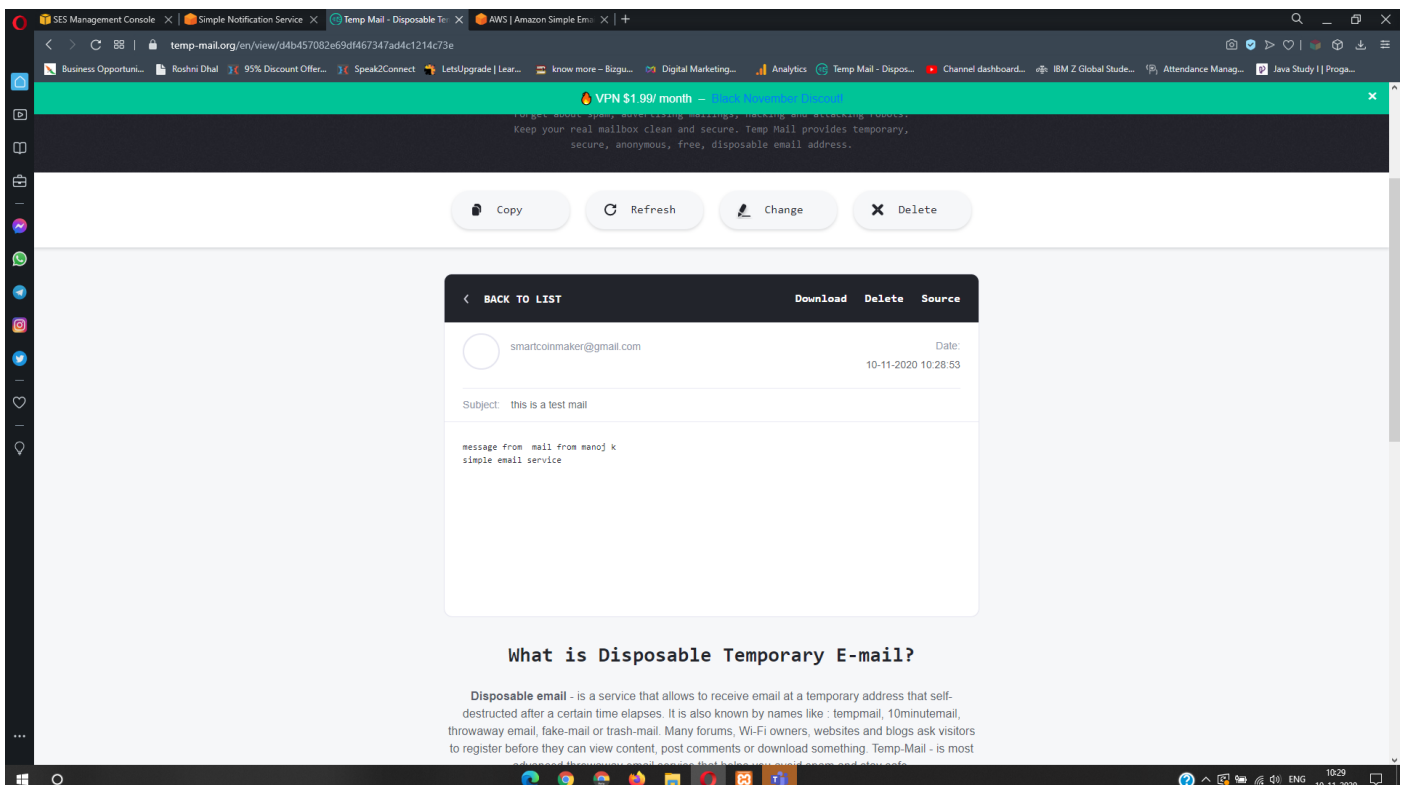
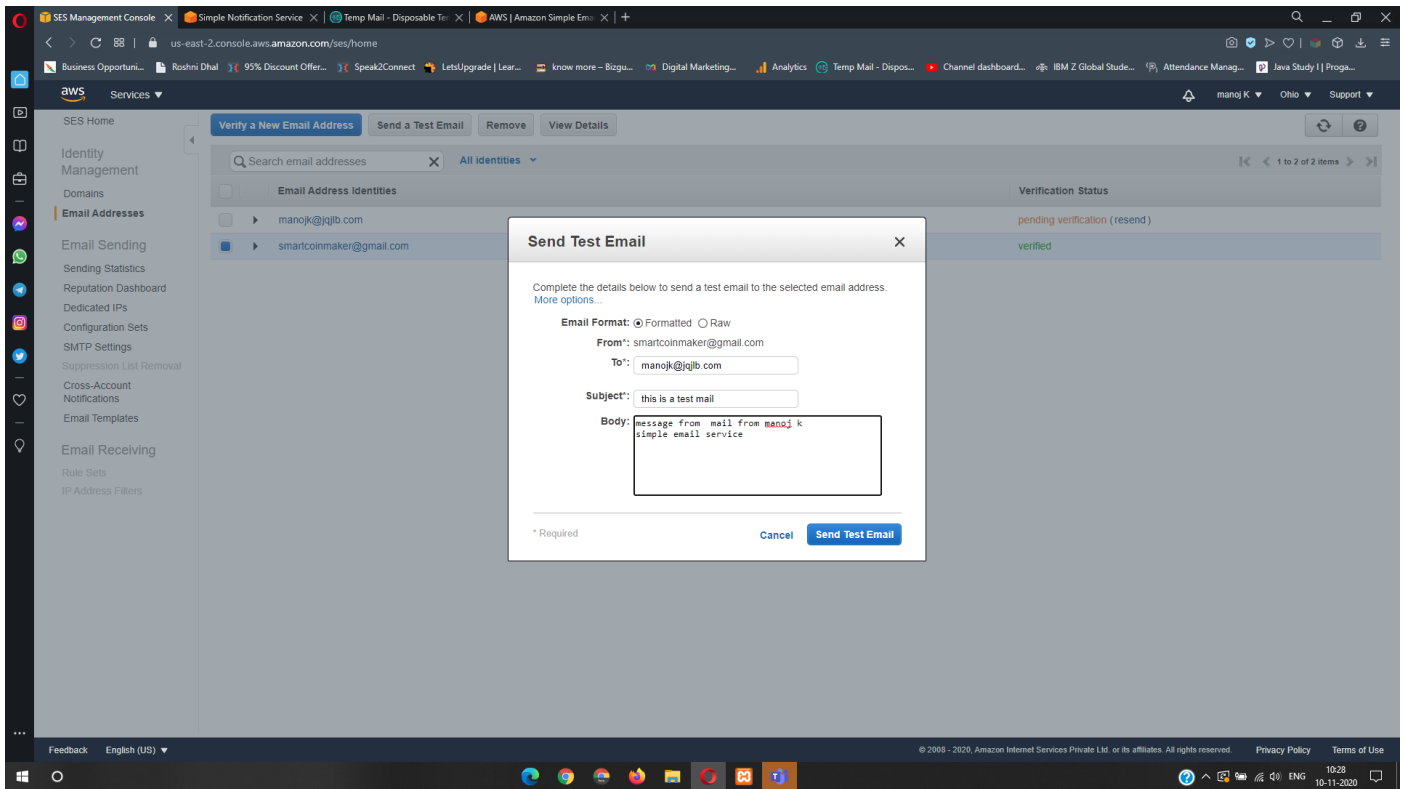
If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

[https://sns.us-east-2.amazonaws.com/unsubscribe.html?](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:mytopic:d592e78c-9cca-4be3-abaa-4d75d1c0e50e&Endpoint=smartcoinmaker@gmail.com)

[SubscriptionArn=arn:aws:sns:us-east-2:245024665952:mytopic:d592e78c-9cca-4be3-abaa-4d75d1c0e50e&Endpoint=smartcoinmaker@gmail.com](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:mytopic:d592e78c-9cca-4be3-abaa-4d75d1c0e50e&Endpoint=smartcoinmaker@gmail.com)

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

Task 3: Working with SES



Task 4: TRIGGERING CLOUDWATCH EVENT SNS NOTIFICATION

The screenshot displays the AWS Management Console for the 'us-east-2' region. The left sidebar shows the navigation menu with categories like EC2 Dashboard, Events, Limits, Instances, Images, Elastic Block Store, and Network & Security. The main content area shows the 'Instances (1/1)' list with a table containing one instance: 'myec2server' (ID: i-0870d9927d3a90e21) in a 'Running' state. Below the table, the 'Instance: i-0870d9927d3a90e21 (myec2server)' details are shown, including Instance ID, Instance state, Instance type, IAM Role, Platform, Public IPv4 address, Public IPv4 DNS, Private IPv4 addresses, Private IPv4 DNS, Elastic IP addresses, VPC ID, Subnet ID, AMI ID, and Monitoring status.

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability zone	Public IPv4 DNS	Public IPv4 ...	Elastic Ip
myec2server	i-0870d9927d3a90e21	Running	t2.micro	2/2 checks ...	No alarms	us-east-2c	ec2-18-216-152-48.us...	18.216.152.48	-

Instance: i-0870d9927d3a90e21 (myec2server)

Instance summary

- Instance ID: i-0870d9927d3a90e21 (myec2server)
- Instance state: Running
- Instance type: t2.micro
- IAM Role: -
- Platform: Amazon Linux (Inferred)

Instance details

- Public IPv4 address: 18.216.152.48
- Public IPv4 DNS: ec2-18-216-152-48.us-east-2.compute.amazonaws.com
- Private IPv4 addresses: 172.31.46.223
- Private IPv4 DNS: ip-172-31-46-223.us-east-2.compute.internal
- Elastic IP addresses: -
- VPC ID: vpc-564fec3d
- Subnet ID: subnet-0e563e42
- AMI ID: ami-03657b56516ab7912
- Monitoring: disabled

The screenshot displays the Amazon SNS console for the 'us-east-2' region. The left sidebar shows the navigation menu with categories like Dashboard, Topics, Subscriptions, and Mobile. The main content area shows the 'myservermonitor' topic details, including Name, ARN, Type, Display name, Topic owner, and Subscriptions. The 'Subscriptions (1)' section shows a table with one subscription: 'c1651f45-8414-45a7-ae60-35572614c7db' with endpoint 'smartcoinmaker@gmail.com' and status 'Confirmed'.

myservermonitor

Details

- Name: myservermonitor
- ARN: arn:aws:sns:us-east-2:245024665952:myservermonitor
- Type: Standard
- Display name: monitoring server
- Topic owner: 245024665952

Subscriptions (1)

ID	Endpoint	Status	Protocol
c1651f45-8414-45a7-ae60-35572614c7db	smartcoinmaker@gmail.com	Confirmed	EMAIL

Instances | EC2 Management | Simple Notification Service | Temp Mail - Disposable Te | CloudWatch Management | SES Management Console | +

us-east-2.console.aws.amazon.com/cloudwatch/home

Business Opportuni... | Roshni Dhal | 95% Discount Offer... | Speak2Connect | LetsUpgrade | Lear... | know more - Bizga... | Digital Marketing... | Analytics | Temp Mail - Dispos... | Channel dashboard... | IBM Z Global Stude... | Attendance Manag... | Java Study I | Proga...

Services

CloudWatch

Dashboards

Alarms

ALARM

INSUFFICIENT

OK

Billing

Logs

Log groups

Insights

Metrics

Explorer

Events

Rules

Event Buses

ServiceLens

Service Map

Traces

Container Insights

Resources

Performance Monitoring

Lambda Insights

Multi-function

Single-function

Synthetics

Canaries

Contributor Insights

Settings

Favorites

Step 1: Create rule

Create rules to invoke Targets based on Events happening in your AWS environment.

Event Source

Build or customize an Event Pattern or set a Schedule to invoke Targets.

Event Pattern

Schedule

Build event pattern to match events by service

Service Name

EC2

Event Type

EC2 Instance State-change Notification

Any state

Specific state(s)

Any instance

Specific instance Id(s)

Event Pattern Preview

Copy to clipboard

Edit

```
{
  "source": [
    "aws.ec2"
  ],
  "detail-type": [
    "EC2 Instance State-change Notification"
  ]
}
```

Targets

Select Target to invoke when an event matches your Event Pattern or when schedule is triggered.

SNS topic

Topic*

myservermonitor

Configure input

Add target*

Feedback

English (US)

© 2008 - 2020, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.

Privacy Policy

Terms of Use

10:50

10-11-2020



AWS Notification Message

Inbox



monitoring server 10:54 am

to me ▾



```
{"version":"0","id":"d6a3daff-b162-c3f9-4cb8-8acca0c1c06c","detail-type":"EC2 Instance State-change Notification","source":"aws.ec2","account":"245024665952","time":"2020-11-10T05:24:50Z","region":"us-east-2","resources":["arn:aws:ec2:us-east-2:245024665952:instance/i-0870d9927d3a90e21"],"detail":{"instance-id":"i-0870d9927d3a90e21","state":"shutting-down"}}
```

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

[https://sns.us-east-2.amazonaws.com/unsubscribe.html?](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>



monitoring server 10:54 am

to me ▾



```
{"version":"0","id":"cb48a8a9-a85e-08fd-c0c6-a9381045ecaa","detail-type":"EC2 Instance State-change Notification","source":"aws.ec2","account":"245024665952","time":"2020-11-10T05:24:56Z","region":"us-east-2","resources":["arn:aws:ec2:us-east-2:245024665952:instance/i-0870d9927d3a90e21"],"detail":{"instance-id":"i-0870d9927d3a90e21","state":"terminated"}}
```

[Show quoted text](#)

↩ Reply

↩↩ Reply all

➦ Forward



AWS Notification Message

Inbox



monitoring server 10:52 am

to me ▾



```
{"version":"0","id":"37361948-2bb7-8a79-eca9-6ab55f254f1f","detail-type":"EC2 Instance State-change Notification","source":"aws.ec2","account":"245024665952","time":"2020-11-10T05:22:21Z","region":"us-east-2","resources":["arn:aws:ec2:us-east-2:245024665952:instance/i-0870d9927d3a90e21"],"detail":{"instance-id":"i-0870d9927d3a90e21","state":"stopping"}}
```

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

[https://sns.us-east-2.amazonaws.com/unsubscribe.html?](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myserve](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[rmonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[smartcoinmaker@gmail.com](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>



monitoring server 10:52 am

to me ▾



```
{"version":"0","id":"aa2e71a3-ad13-4d10-c6b9-5608200fb382","detail-type":"EC2 Instance State-change Notification","source":"aws.ec2","account":"245024665952","time":"2020-11-10T05:22:35Z","region":"us-east-2","resources":["arn:aws:ec2:us-east-2:245024665952:instance/i-0870d9927d3a90e21"],"detail":{"instance-id":"i-0870d9927d3a90e21","state":"stopped"}}
```

[Hide quoted text](#)

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

[https://sns.us-east-2.amazonaws.com/unsubscribe.html?](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myserve](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[rmonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)

[smartcoinmaker@gmail.com](https://sns.us-east-2.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-2:245024665952:myservermonitor:c1651f45-8414-45a7-ae60-35572614c7db&Endpoint=smartcoinmaker@gmail.com)