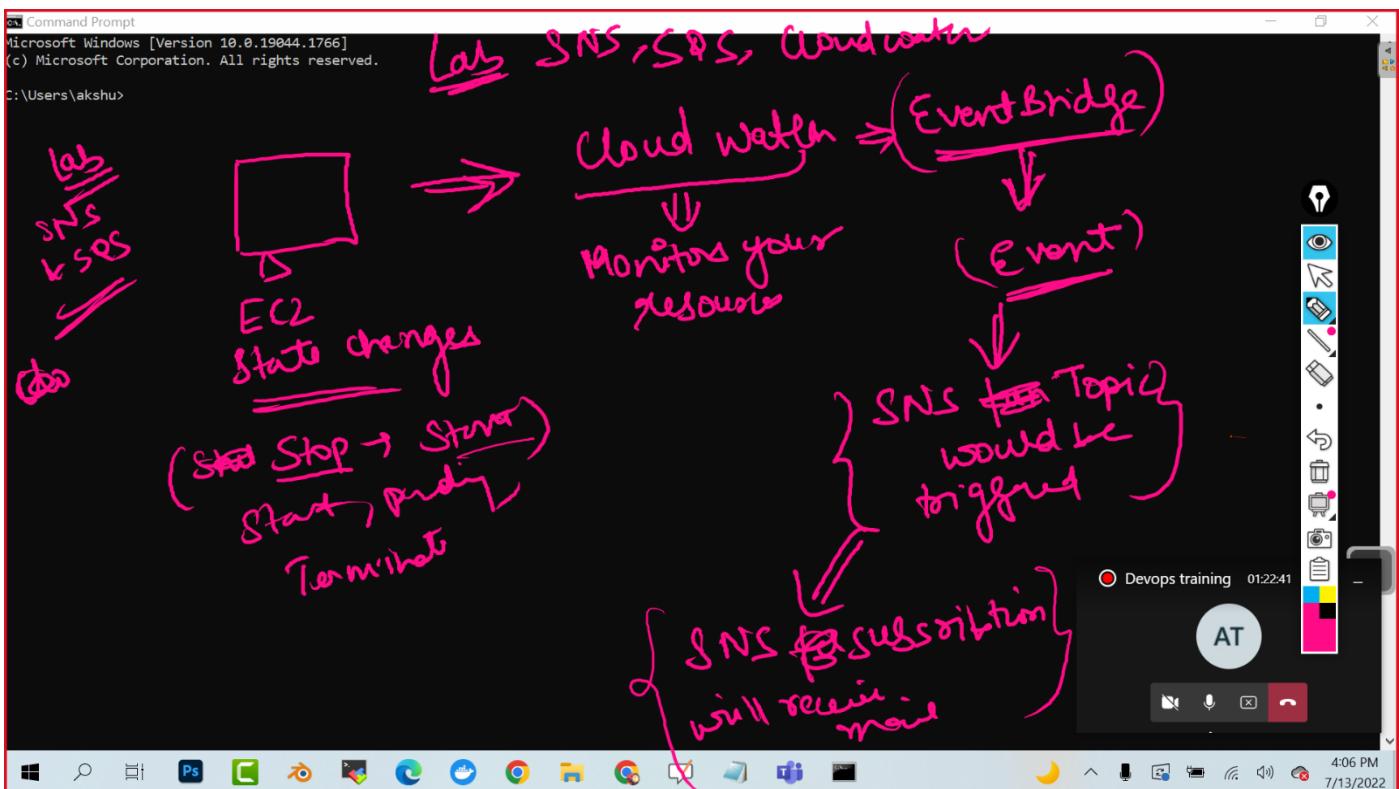
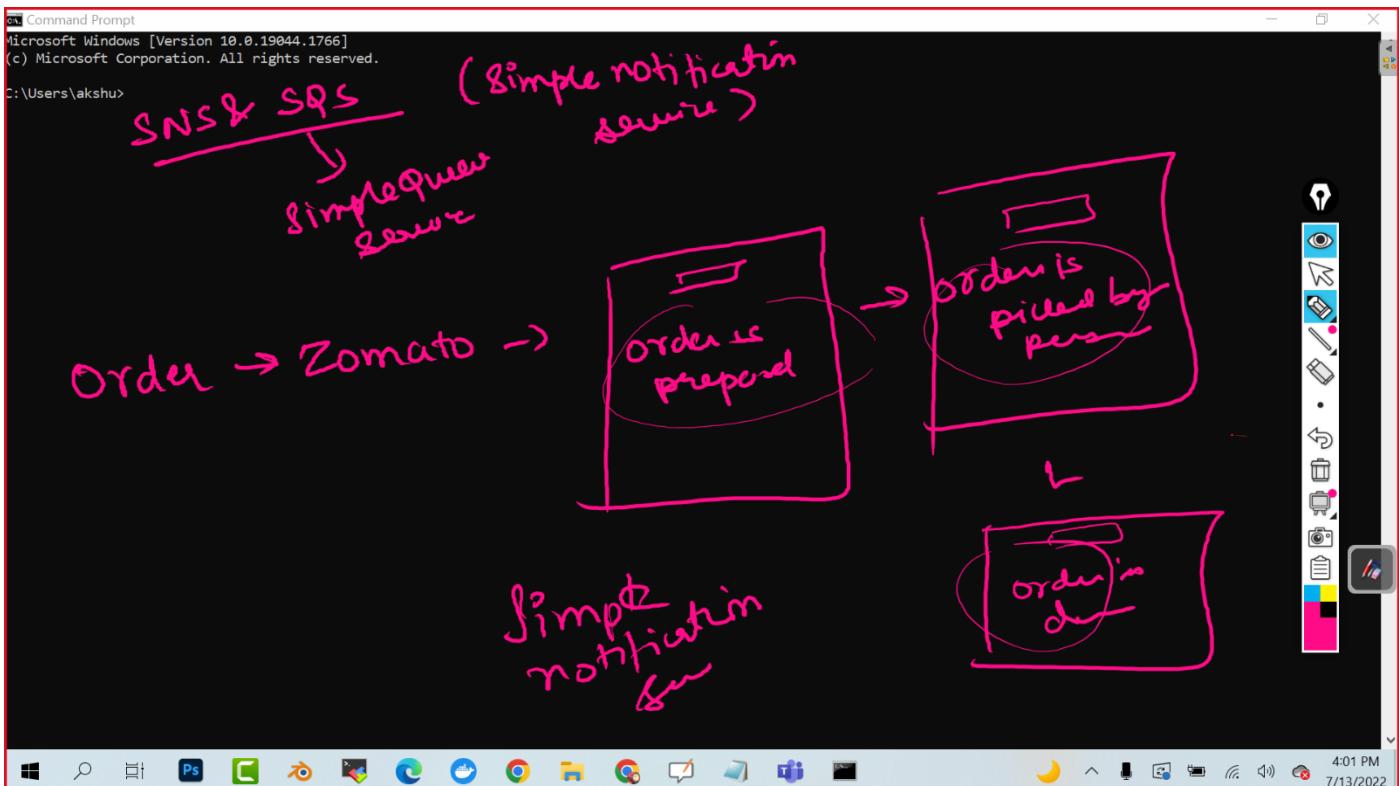


SNS, SQS & CLOUD WATCH



Screenshot of the AWS CloudSearch search results for 'sns'.

The search results are categorized under 'Services' (7) and 'Features' (6).

Services (7)

- Simple Notification Service
- Route 53 Resolver
- Route 53
- Amazon Simple Email Service

Features (6)

- Blogs (519)
- Documentation (50,786)
- Knowledge Articles (30)
- Tutorials (9)
- Events (2)
- Marketplace (55)

Bottom navigation bar: Waiting for us-east-1.prod.pr.analytics.console.aws.a2z.com... | Settings | © 2022, Amazon Internet Services Private Ltd. or its affiliates. | Privacy | Terms | Cookie preferences | 4:08 PM | 7/13/2022

Screenshot of the AWS SNS Topics page.

The left sidebar shows the navigation menu for Amazon SNS, with 'Topics' highlighted.

The main content area displays the 'Topics (1)' section, showing a single topic named 'testtopicakshat'.

Name	Type	ARN
testtopicakshat	Standard	arn:aws:sns:us-east-1:009333541227:testtopicakshat

Top right buttons: Edit, Delete, Publish message, Create topic (highlighted with a red circle), and Ink visible (ctrl + shift + 1). A status bar at the bottom indicates 'Devops training 01:24:25'.

Bottom navigation bar: Feedback | Looking for language selection? Find it in the new Unified Settings | © 2022, Amazon Internet Services Private Ltd. or its affiliates. | Privacy | Terms | Cookie preferences | 4:08 PM | 7/13/2022

Join co | GoTo | Sign In | AWS | Simple | Items | IAM M | harshi | Micros | + us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/create-topic

Services Search for services, features, blogs, docs, and more [Alt+S]

Amazon SNS > Topics > Create topic

Create topic

Details

Type [Info](#)
Topic type cannot be modified after topic is created

FIFO (first-in, first-out)

- Strictly-preserved message ordering
- Exactly-once message delivery
- High throughput, up to 300 publishes/second
- Subscription protocols: SQS, Lambda, HTTP, SMS, email, mobile application endpoints

Standard

- Best-effort message ordering
- At-least once message delivery
- Highest throughput in publishes/second
- Subscription protocols: SQS, Lambda, HTTP, SMS, email, mobile application endpoints

Name Maximum 256 characters. Can include alphanumeric characters, hyphens (-) and underscores (_).

Display name - *optional*
To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message. [Info](#)

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4:10 PM 7/13/2022

Join co | GoTo | Sign In | AWS | Simple | Items | IAM M | harshi | Micros | + us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/topic/arn:aws:sns:us-east-1:009333541227:hexatest123

Services Search for services, features, blogs, docs, and more [Alt+S]

Amazon SNS

hexatest123	-
ARN arn:aws:sns:us-east-1:009333541227:hexatest123	Topic owner 009333541227
Type Standard	

Subscriptions Access policy Delivery retry policy (HTTP/S) Delivery status logging Encryption

Now lets create subscription

Subscriptions (0)

Edit Delete Request confirmation Confirm subscription Create subscription

ID Endpoint Status Protocol

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4:10 PM 7/13/2022

Screenshot of the AWS SNS 'Create subscription' page.

Details

Topic ARN: arn:aws:sns:us-east-1:009333541227:hexatest123

Protocol: Email

Endpoint: akshat@apicletech.com (circled with a pink circle)

Handwritten note: "your personal mail ID"

Info: After your subscription is created, you must confirm it.

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4:11 PM 7/13/2022

Screenshot of the AWS SNS 'Subscriptions' page.

Amazon SNS

Topics

Subscriptions (selected)

Mobile

Push notifications

Text messaging (SMS)

Origination numbers

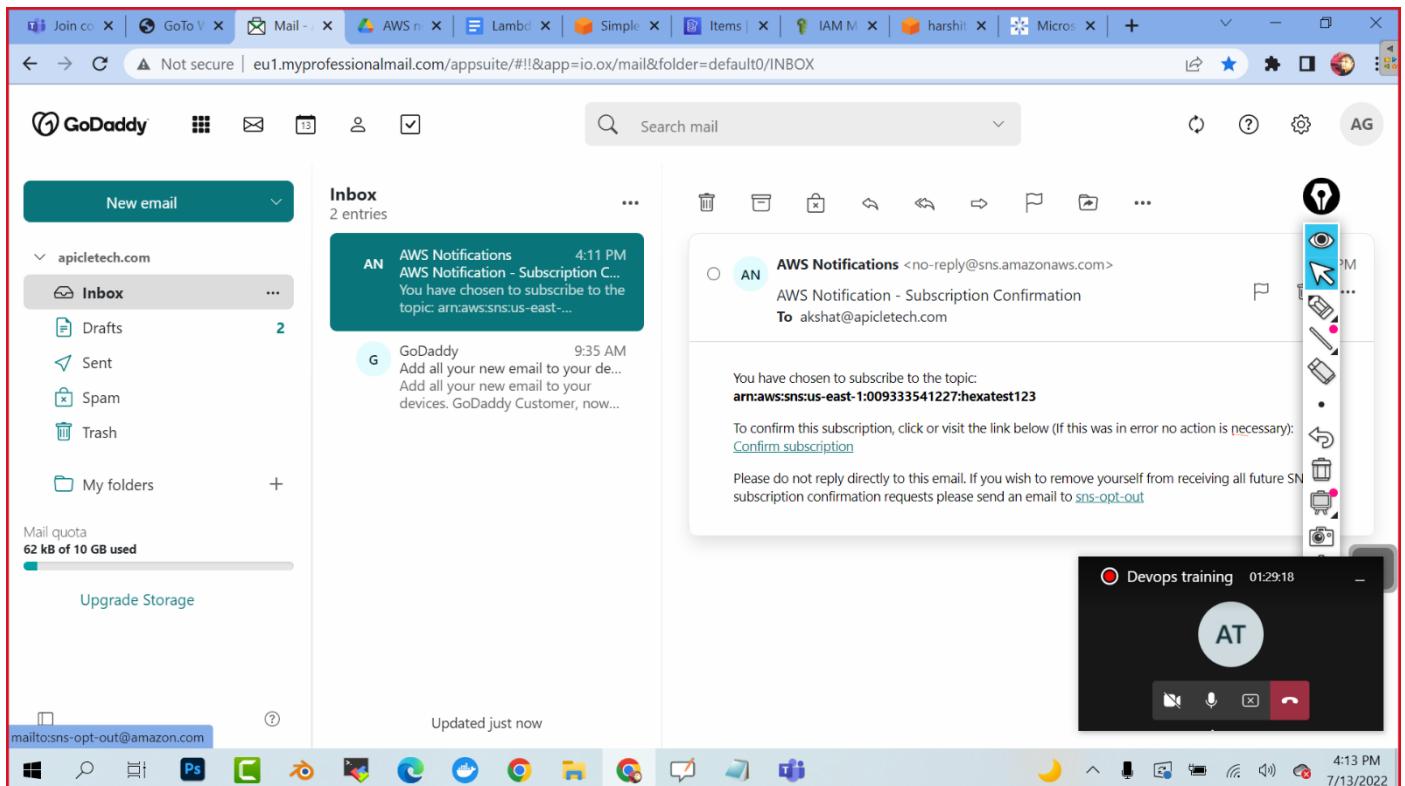
Subscriptions (1)

ID	Endpoint	Status	Protocol	Topic
Pending confirmation	akshat@apicletech.com	Pending confirmation (circled with a pink circle)	EMAIL	hexatest123

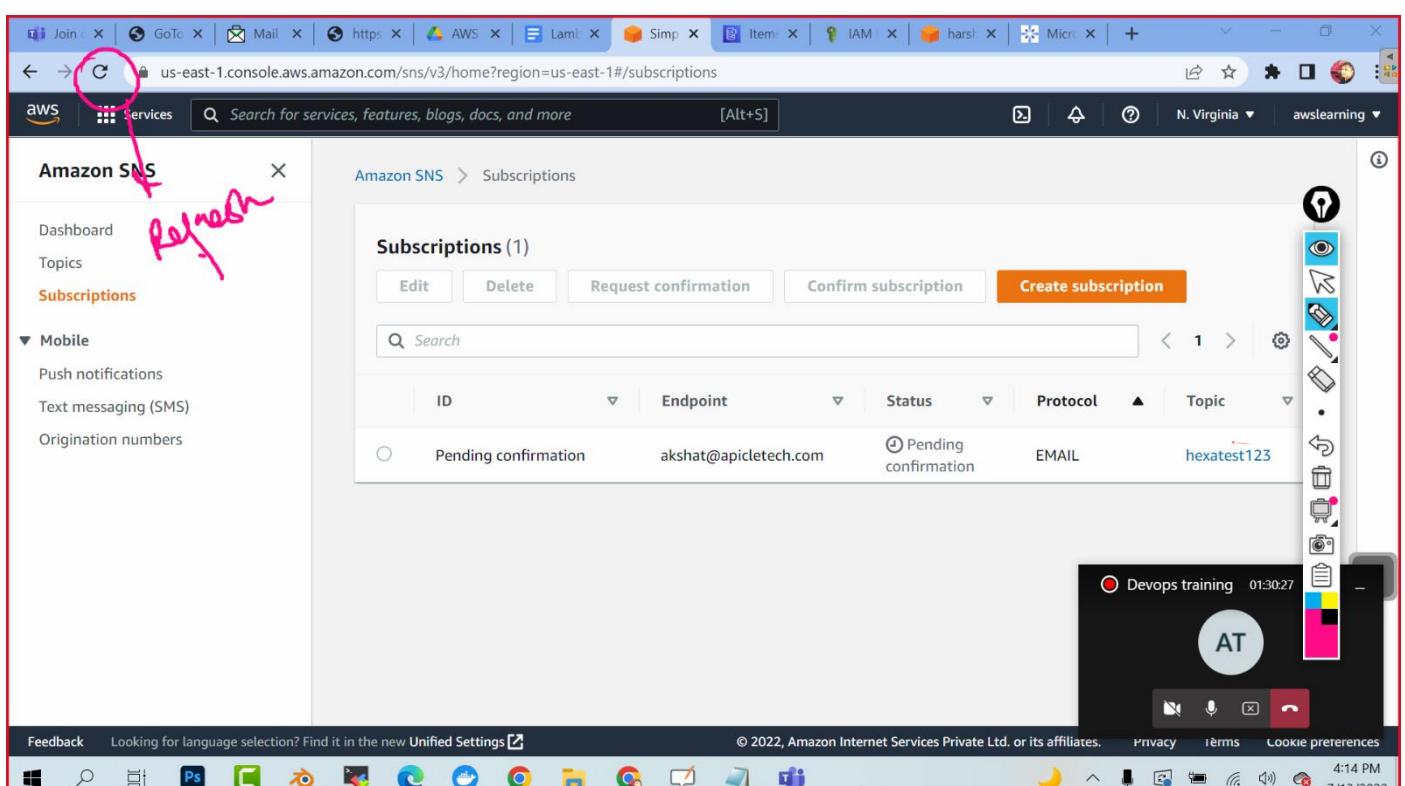
Feedback: Looking for language selection? Find it in the new Unified Settings.

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4:12 PM 7/13/2022



In your **Gmail** you might receive the mail in **spam** or **promotions tab** also ...or **all mails** also...you need to find where u receive the mail.



Now go to CloudWatch -> EventBridge

The screenshot shows the AWS CloudWatch search results page. The search term 'cloudwatch' has been entered into the search bar. The results are categorized under 'Services' and 'Features'. The 'CloudWatch' service is listed first, followed by 'Amazon EventBridge'. The 'Amazon EventBridge' card provides a brief description: 'Serverless event bus that connects application data from your own apps, SaaS, and A...'. On the right side of the page, there is a sidebar with various icons for navigation and configuration.

The screenshot shows the AWS CloudWatch home page. The left sidebar is expanded, showing categories like Alarms, Logs, Metrics, X-Ray traces, Events, and Application monitoring. The 'Events' category is circled in red, and the 'Rules' sub-item under it is also circled. The main content area features a 'Get started with CloudWatch' section with four cards: 'Create alarms', 'Create a default dashboard', 'View logs', and 'Write rules to indicate which events are of interest to your application and what automated action to take'. Below this, there is a 'Get started with Application Insights' section. A sidebar on the right contains various configuration and monitoring tools.

The screenshot shows the AWS CloudWatch Events console. A pink circle highlights the 'Rules' link in the left sidebar. Another pink circle highlights the 'Go to Amazon EventBridge' button at the top of the main content area. The right side features a vertical toolbar with various icons.

CloudWatch Events is now EventBridge

Amazon EventBridge builds upon and extends CloudWatch Events. It uses the same service API and endpoint, and the same underlying service infrastructure. For existing CloudWatch Events customers, nothing changes - you can continue to use the same API, and CloudFormation templates. Existing CloudWatch Events APIs and SDKs continue to work the same way in EventBridge. Existing default event bus, rules and events can also be accessed in the Amazon EventBridge console.

[Go to Amazon EventBridge](#) [Go to EventBridge documentation](#) [Back to CloudWatch Events](#)

Additional capabilities in Amazon EventBridge

Integrated SaaS partner event sources

Receive events from SaaS partner applications and services such as Zendesk, MongoDB, and PagerDuty. You don't need to manage any integration setup such as authentication. Events from your SaaS provider simply appear on your event bus.

Schema registries

Automatically discover schemas of events on your event buses, and

Custom and partner event buses

EventBridge supports default, custom and partner event buses. The default event bus receives events from AWS services (the same as CloudWatch Events). A custom event bus receives events from a different account or events from a SaaS partner event bus.

Devops training 01:32:14 AT

Archive and replay events

Replay archived events to reproduce them.

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The screenshot shows the Amazon EventBridge Rules page. A pink circle highlights the 'Create rule' button in the 'Rules' section. The right side features a vertical toolbar with various icons.

Rules

A rule watches for specific types of events. When a matching event occurs, the event is routed to the targets associated with the rule. A rule can be associated with one or more targets.

Select event bus

Event bus
Select or enter event bus name
default

Rules (9/9)

Find rules Any status 1 ... Create rule

Name	Status	Type	Description
...

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Screenshot of the AWS Lambda console showing the creation of a new rule. The 'Name' field is circled in pink and contains 'testakshatrue1'. The 'Event bus' dropdown is set to 'default'. The 'Rule type' section shows 'Rule with an event pattern' selected. A large pink circle highlights the 'Next' button at the bottom right.

Name: testakshatrue1

Description - optional: Enter description

Event bus: default

Rule type: Rule with an event pattern

Enable the rule on the selected event bus

Schedule

Cancel Next

Screenshot of the AWS Lambda console showing the configuration of an event pattern. Handwritten notes in pink read: 'So go down and come to', 'Whenever AWS EC2 Instance state change happens then if want SNS', and 'dig it'. The 'Event source' dropdown is set to 'AWS services' and 'EC2'. The 'Event type' dropdown is set to 'EC2 Instance State-change Notification'. The 'Event pattern' JSON editor shows the following code:

```
1 {
2   "source": ["aws.ec2"],
3   "detail-type": ["EC2 Instance State-change Notification"]
4 }
```

Event source: AWS services

AWS service: EC2

Event type: EC2 Instance State-change Notification

Event pattern:

```
1 {
2   "source": ["aws.ec2"],
3   "detail-type": ["EC2 Instance State-change Notification"]
4 }
```

Copy Test pattern Edit pattern

Screenshot of the AWS Lambda console showing the creation of a new rule. The user is on Step 3: Select target(s). The target type is set to AWS service, specifically SNS topic, with the topic selected as 'hexatest123'. A handwritten note in pink ink on the left side of the screen says: 'Select the topic as SNS & Topic which created before'. The 'Next' button is highlighted with a red box.

Step 3
Select target(s)

Step 4 - optional
Configure tags

Step 5
Review and create

permissions.

Target 1

Target types
Select an EventBridge event bus, EventBridge API destination (SaaS partner), or another AWS service as a target.

EventBridge event bus

EventBridge API destination

AWS service

Select a target | Info
Select target(s) to invoke when an event matches your event pattern or when schedule is triggered (limit of 5 targets per rule)

SNS topic

Topic
hexatest123

Add another target

Cancel Previous Next

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Screenshot of the AWS Lambda console showing the creation of a new rule. The user is on Step 3: Select target(s). The target type is set to AWS service, specifically SNS topic, with the topic selected as 'hexatest123'. The 'Additional settings' section is expanded. The 'Next' button is highlighted with a red circle.

Step 3
Select target(s)

Step 4 - optional
Configure tags

Step 5
Review and create

Target 1

Target types
Select an EventBridge event bus, EventBridge API destination (SaaS partner), or another AWS service as a target.

EventBridge event bus

EventBridge API destination

AWS service

Select a target | Info
Select target(s) to invoke when an event matches your event pattern or when schedule is triggered (limit of 5 targets per rule)

SNS topic

Topic
hexatest123

▶ Additional settings

Add another target

Cancel Previous Next

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Screenshot of the AWS EventBridge Rule creation process, Step 4: Configure tags - optional.

The page shows a sidebar with steps: Step 1 (Define rule detail), Step 2 (Build event pattern), Step 3 (Select target(s)), Step 4 (Configure tags - optional), and Step 5 (Review and create). Step 4 is highlighted.

Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

Add new tag
You can add 50 more tags.

Buttons: Cancel, Previous, Next (highlighted with a pink circle).

Feedback bar: Looking for language selection? Find it in the new Unified Settings.

System tray: 4:19 PM, 7/13/2022.

Screenshot of the AWS EventBridge Rule creation process, Step 4: Configure tag(s).

The page shows a table of targets:

Target Name	Type	Arn	Input	Role
hexatest123	SNS topic	arn:aws:sns:us-east-1:009333541227:hexatest123	Matched event	-

Input to target: Matched event
Additional parameters: -
Dead-letter queue (DLQ): -

Step 4: Configure tag(s) button (highlighted with a pink circle).

Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Table: Key (empty), Value (empty).

Buttons: Cancel, Previous, Create rule (highlighted with a pink circle).

Feedback bar: Looking for language selection? Find it in the new Unified Settings.

System tray: 4:20 PM, 7/13/2022.

The screenshot shows the AWS EventBridge Rules console. On the left, the navigation menu includes 'Getting started', 'Events' (with 'Event buses', 'Rules' selected, and 'Global endpoints'), 'Integration' (with 'Partner event sources' and 'API destinations'), and 'Schema registry'. The main content area displays a rule named 'testakshatrue1'. The 'Rule details' section shows the rule name, status (Enabled), event bus name (default), and rule ARN. Below this is the 'Event pattern' tab, which is currently active. A sidebar on the right contains various icons for managing the rule, such as edit, disable, delete, and preview.

Now go to EC2 and launch the instance

The screenshot shows the AWS EC2 Instances console. The left sidebar lists 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', and 'Instances' (with 'Instances' selected). The main content area shows a table of instances, with one row for 'asasdadasd' (Instance ID: i-00344acf3a099b6d7, Instance state: Pending, Instance type: t2.micro). Below the table, a section titled 'Select an instance' is visible. A sidebar on the right contains icons for launching instances, stopping, starting, and deleting instances.

Join | GoTo | Inbo | https | AWS | Lami | Insta | Items | IAM | harsl | Micro | + | Not secure | eu1.myprofessionalmail.com/appsuite/#!/&app=io.ox/mail&folder=default0/INBOX

GoDaddy Search mail

New email

apicletech.com

Inbox (3 entries)

AN AWS Notifications 4:21 PM AWS Notification Message ("version":0,"id":"7a412458-481e-af4e-e817-45be8007f831","detail-...")

AN AWS Notifications 4:11 PM AWS Notification Message - Subscription C... You have chosen to subscribe to the topic: arn:aws:sns:us-east-...

G GoDaddy 9:35 AM Add all your new email to your de... Add all your new email to your devices. GoDaddy Customer, now...

Upgraded Storage

Updated 4 minutes ago

Devops training 01:38:11 AT

4:22 PM 7/13/2022

Mail quota 66 kB of 10 GB used

Join | GoTo | Inbo | https | AWS | Lami | Insta | Items | IAM | harsl | Micro | + | Not secure | eu1.myprofessionalmail.com/appsuite/#!/&app=io.ox/mail&folder=default0/INBOX

GoDaddy Search mail

New email

apicletech.com

Inbox (4 entries)

AN AWS Notifications 4:22 PM AWS Notification Message ("version":0,"id":"3390af8-c04a-f99c-22b0-307d4ecf6a22","detail-...")

AN AWS Notifications 4:21 PM AWS Notification Message ("version":0,"id":"7a412458-481e-af4e-e817-45be8007f831","detail-...")

AN AWS Notifications 4:11 PM AWS Notification Message - Subscription C... You have chosen to subscribe to the topic: arn:aws:sns:us-east-...

G GoDaddy 9:35 AM Add all your new email to your de... Add all your new email to your devices. GoDaddy Customer, now...

Updated just now

Devops training 01:38:26 AT

4:22 PM 7/13/2022

Mail quota 70 kB of 10 GB used

now terminate your machine

