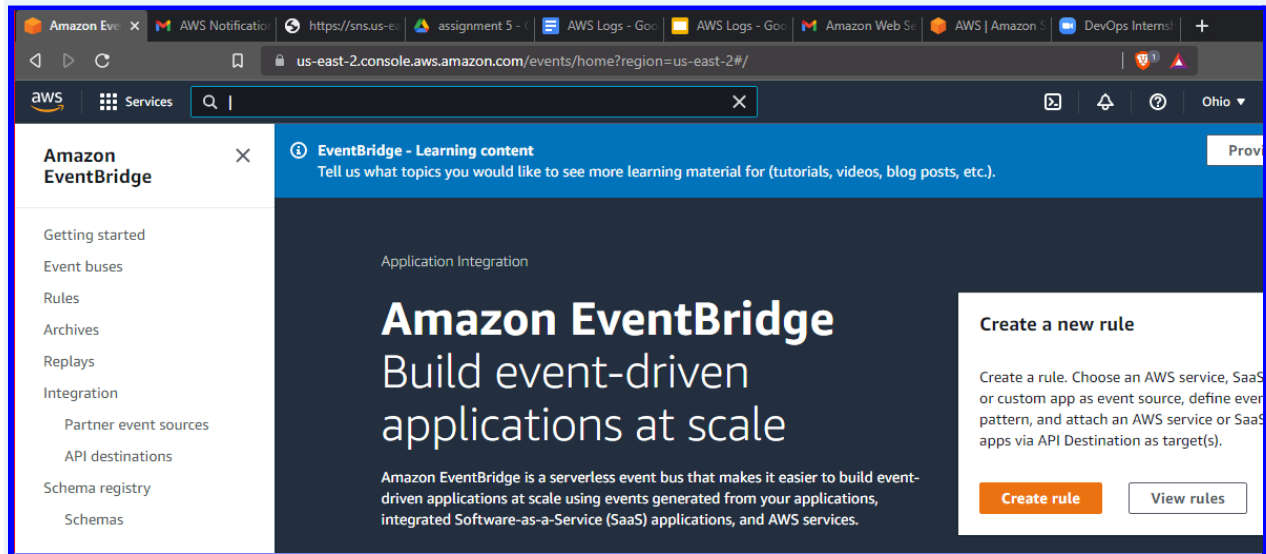


Create Event Bridge rule to monitor EC2 state change events. Set above created SNS topic as target.

Event Bridge Home Page



Creating rule in Event Bridge

Create rule

A rule watches for certain events and then routes them to AWS targets that you choose. You can create a rule that performs an AWS action automatically when another AWS action happens, or a rule that performs an AWS action regularly on a set schedule.

Name and description

Name

Maximum of 64 characters consisting of lower/upper case letters, -, _, and .

Description - optional

Define pattern

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

Selecting predefined Pattern

Monitoring EC2 State Change Notification

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

☒ **Event pattern** [Info](#)
Build a pattern to match events

☐ **Schedule** [Info](#)
Invoke your targets on a schedule

Event matching pattern
You can use pre-defined pattern provided by a service or create a custom pattern

☒ **Pre-defined pattern by service**
☐ Custom pattern

Service provider
AWS services or custom/partner services

AWS ▼

Service name
The name of partner service selected as the event source

EC2 ▼

Event type
The type of events as the source of the matching pattern

EC2 Instance State-change Notification ▼

☒ **Any state**
☐ Specific state(s)

Event pattern [Copy](#) [Edit](#)

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

▶ **Sample event(s)**

Selecting SNS as In the Target Group whenever the rule matches

Select targets

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

Target

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

Remove

SNS topic

▼

Topic

Team-D-SNS

▼

► Configure input

► Retry policy and dead-letter queue

Add target

Rules Created Successfully

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 (2/2)

↺

Edit

Delete

Enable

Create rule

🔍 Find rules

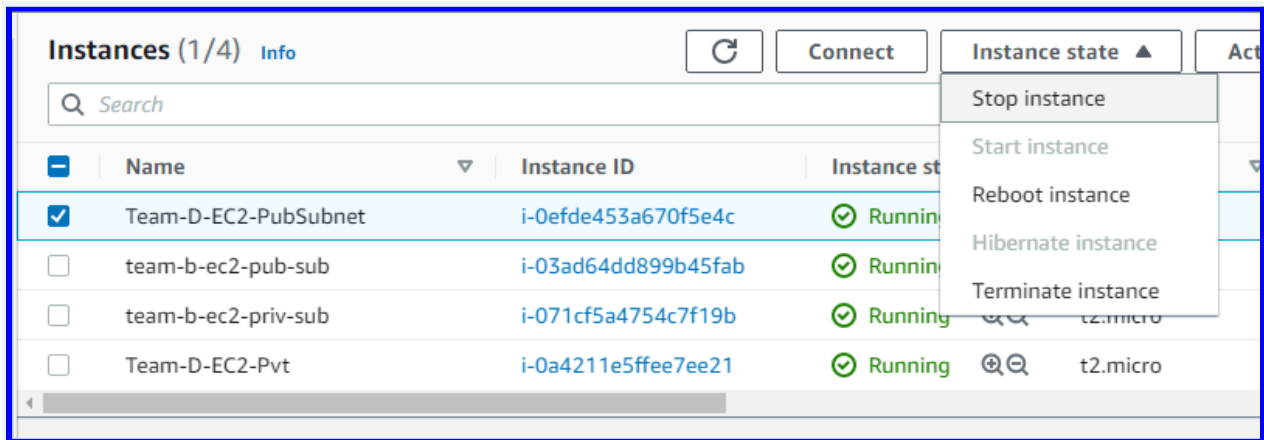
Any status ▼

< 1 ... >

⚙️

	Name ▲	Status ▼	Type ▼	Description
<input type="radio"/>	Team-D-Event-Bridge	✔ Enabled	Standard	Team-D-Event-Bridge

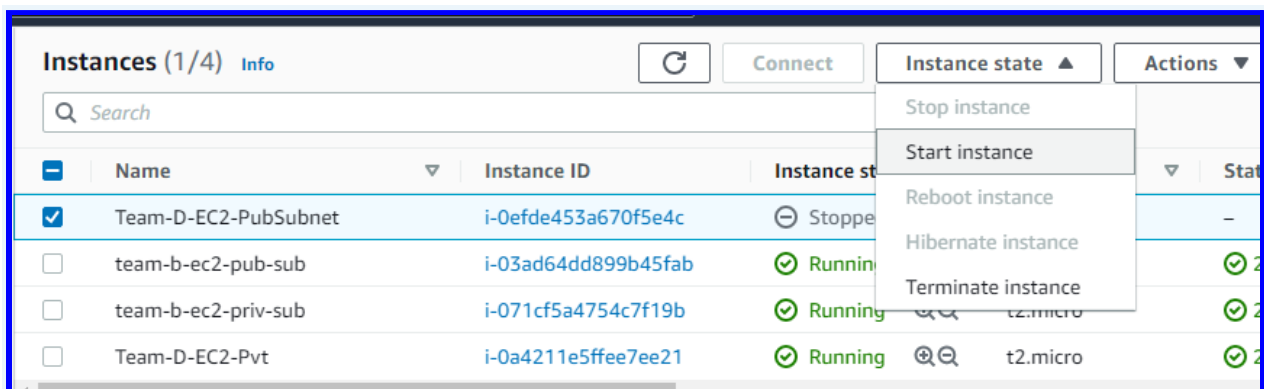
Stopping the Instance (to see if the mail arrive)



When instance state changed from running to stopping it triggers the rule and send alert as mail to Email address



While starting the instance too, it sends the alert of state change



Arrived Mails

