

Cloud Trail and Cloud Watch

The screenshot shows the AWS IAM Dashboard. On the left, a sidebar lists options like Roles, Policies, Identity providers, Account settings, Root access management, and Temporary delegation requests. Below that is the Access reports section with options like Access Analyzer, Resource analysis, Unused access, Analyzer settings, Credential report, Organization activity, Service control policies, and Resource control policies. The main area is titled "IAM Dashboard" and contains two sections: "Security recommendations" and "IAM resources". The "Security recommendations" section has three items: "Root user has MFA", "You have MFA", and "Your user, juliprebayo21@gmail.com, does not have any active access keys that have been unused for more than a year". The "IAM resources" section shows tabs for User groups, Users, Roles, Policies, and Identity providers. A sidebar on the right displays the AWS Account information (Account ID: 654654478122, Account Alias: Create) and Quick Links (My security credentials). The bottom of the screen shows the Windows taskbar with various pinned icons.

The screenshot shows the AWS CloudTrail Event history page. The left sidebar includes CloudTrail navigation (Dashboard, Event history, Insights, Lake, Trails, Settings, Pricing, Documentation), CloudWatch Metrics navigation (Metrics Home, Metrics Insights, Metrics Data stores, Metrics Integrations), and CloudWatch Logs navigation (Logs Home, Logs Insights, Logs Data stores, Logs Integrations). The main content area is titled "Event history (50+)" and shows a table of recent events. The table columns are Event name, Event time, User name, Event source, and Resource type. The events listed are all related to IAM Policy operations on February 20, 2026. The bottom of the screen shows the Windows taskbar with various pinned icons.

The screenshot shows the AWS IAM Permissions page for the user `a.andres1538@gmail.com`. The left sidebar shows the IAM navigation menu. The main content area displays the following information:

Permissions policies (4)

Permissions are defined by policies attached to the user directly or through groups.

Filter by Type

Policy name	Type	Attached via
iam-self-change-password	Customer managed	Directly
iam-self-mfa-policy	Customer managed	Directly
students-ebs-policy	Customer managed	Directly
students-s3-policy	Customer managed	Directly

Permissions boundary (not set)

The screenshot shows the AWS CloudTrail Event history page. The left sidebar is collapsed, showing options like CloudTrail, Dashboard, Event history, Insights, Lake, and Settings. The main area displays a search result for the term 'buc'. A blue banner at the top right encourages enriching events with resource tags and IAM global keys. Below the banner, a heading says 'Event history (50+)' with an 'Info' link. A sub-header states 'Event history shows you the last 90 days of management events.' A search bar contains 'buc'. To the right of the search bar are buttons for 'Download events', 'Query in Lake', and 'Create Athena table'. A table below the search bar lists event names starting with 'buc', such as 'AssociateDrtLogBucket', 'CreateBucket', and 'CreateVectorBucket'. The table includes columns for 'Event name', 'Event source', 'Resource type', and 'Region'. At the bottom of the table, it says '0 / 5 events selected'.

Screenshot of the AWS CloudTrail Event history page showing management events for the last 90 days. The search bar filters for 'CreateBucket'. The table lists five events, all of which are 'CreateBucket' operations performed by 'root' user on 's3.amazonaws.com' at various times on February 20, 2026.

Event name	Event time	User name	Event source	Resource type
CreateBucket	February 20, 2026, 16:50:31 (UT...)	omaruzgonzalez@...	s3.amazonaws.com	AWS::S3::Bucket
CreateBucket	February 20, 2026, 16:35:40 (UT...)	jshb3110@gmail.com	s3.amazonaws.com	AWS::S3::Bucket
CreateBucket	February 20, 2026, 16:35:09 (UT...)	jshb3110@gmail.com	s3.amazonaws.com	AWS::S3::Bucket
CreateBucket	February 20, 2026, 14:34:05 (UT...)	root	s3.amazonaws.com	AWS::S3::Bucket

Screenshot of the AWS CloudTrail Event history page showing management events for the last 90 days. The search bar filters for 'aws-cloudtrail-logs-654654478122-8e8ebd4a'. The table lists four events, all of which are 'CreateBucket' operations performed by 'root' user on 'cloudtrail.amazonaws.com' at various times on February 20, 2026.

Event name	Event time	User name	Event source	Resource type
CreateTrail	February 20, 2026, 14:34:07 (UT...)	root	cloudtrail.amazonaws.c...	AWS::CloudTrail::Trail
PutBucketPolicy	February 20, 2026, 14:34:06 (UT...)	root	s3.amazonaws.com	AWS::S3::Bucket
PutBucketEncryption	February 20, 2026, 14:34:06 (UT...)	root	s3.amazonaws.com	AWS::S3::Bucket
CreateBucket	February 20, 2026, 14:34:05 (UT...)	root	s3.amazonaws.com	AWS::S3::Bucket

Screenshot of the AWS CloudTrail event details page for a CreateTrail event.

Event Details:

Attribute	Value
Event time	February 20, 2026, 14:34:07 (UTC-05:00)
User name	root
Event name	CreateTrail
Event source	cloudtrail.amazonaws.com
AWS access key	ASIAZQ3DSS4VNFDNKZT
Source IP address	186.84.21.64
Event ID	80cb29a9-04f4-4ad4-9e81-6b746ae65de7
Request ID	8991c3ce-c5f2-4e04-b78e-e4d5e0d7d05a
AWS region	us-east-1
Error code	-
Read-only	false

Resources referenced (3) Info

Resources referenced describes the name or ID of resources that were read or changed by an event.

Resource type	Resource name	AWS Config resource timeline
arn:aws:cloudtrail:us-east-1:654654478122::*	arn:aws:cloudtrail:us-east-1:654654478122::*	Enable AWS Config resource timeline

CloudTrail Navigation:

- Dashboard
- Event history
- Insights
- Lake
- Dashboards
- Query
- Event data stores
- Integrations
- Trails

Settings

Pricing

Documentation

Screenshot of the AWS CloudTrail event details page for a CreateTrail event, showing the JSON view of the event data.

JSON View:

```
1  {
2    "eventVersion": "1.11",
3    "userIdentity": {
4      "type": "Root",
5      "principalId": "654654478122",
6      "arn": "arn:aws:iam::654654478122:root",
7      "accountId": "654654478122",
8      "accessKeyId": "ASIAZQ3DSS4VNFDNKZT",
9      "sessionContext": {
10        "attributes": {
11          "creationDate": "2026-02-20T15:43:37Z",
12          "mfaAuthenticated": "true"
13        }
14      }
15    },
16    "eventTime": "2026-02-20T19:34:07Z",
17    "eventSource": "cloudtrail.amazonaws.com",
18    "eventName": "CreateTrail",
19    "awsRegion": "us-east-1",
20    "sourceIPAddress": "186.84.21.64",
```

CloudTrail Navigation:

- Dashboard
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- Query
- Event data stores
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```
sourceIPAddress": "186.84.21.64",
"userAgent": "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Safari/537.36",
"requestParameters": {
    "name": "management-events",
    "s3BucketName": "aws-cloudtrail-logs-654654478122-8e8ebd4a",
    "includeGlobalServiceEvents": true,
    "isMultiRegionTrail": true,
    "enableLogFileValidation": false,
    "isOrganizationTrail": false
},
"responseElements": {
    "name": "management-events",
    "s3BucketName": "aws-cloudtrail-logs-654654478122-8e8ebd4a",
    "includeGlobalServiceEvents": true,
    "isMultiRegionTrail": true,
    "trailARN": "arn:aws:cloudtrail:us-east-1:654654478122:trail/management-events",
    "logfileValidationEnabled": false,
    "isOrganizationTrail": false
},
"requestID": "0991c3ce-c5f2-4e04-b78e-e4d5e0d7d05a",
"eventID": "0ccb29a9-04f4-4ad4-9e81-6b746ae65de7",
```

Metrics Info

Untitled graph

Your CloudWatch graph is empty.

Browse (3717) Multi source query Graphed metrics Options Source

N. Virginia

Search for any metric, dimension, resource id or account id

DynamoDB • View automatic dashboard 30

EBS • View automatic dashboard 1411

EC2 • View automatic dashboard 1349

Firehose • View automatic dashboard 2

Screenshot of the AWS CloudWatch Metrics interface showing an empty graph and a list of metrics for an instance.

The interface includes:

- Header: AWS logo, Search bar, Account ID: 6546-5447-8122, juliprobayo21@gmail.com
- Top navigation: Metrics | CloudWatch | us-east-1 | Athena | us-east-1
- Time range: 1h, 3h, 12h, 1d, 3d, 1w, Custom, UTC timezone, Actions, Investigate, Line, C/D
- Graph area: Your CloudWatch graph is empty.
- Browse section: Multi source query, Graphed metrics, Options, Source = Untitled graph, Add math, Add query
- Metrics list:
 - InstanceID 22/22
 - i-0033203126cf18f01: InstanceEBSIOPSExceededCheck, InstanceEBSThroughputExceededCheck, EBSByteBalance%, EBSReadBytes, EBSReadOps
 - i-0033203126cf18f01: No alarms
 - i-0033203126cf18f01: No alarms
 - i-0033203126cf18f01: No alarms
 - i-0033203126cf18f01: No alarms
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Screenshot of the AWS CloudWatch Metrics interface showing a list of metrics for multiple instances.

The interface includes:

- Header: AWS logo, Search bar, Account ID: 6546-5447-8122, juliprobayo21@gmail.com
- Top navigation: Metrics | CloudWatch | us-east-1 | Athena | us-east-1
- Time range: 1h, 3h, 12h, 1d, 3d, 1w, Custom, UTC timezone, Line, C/D
- Graph area: Your CloudWatch graph is empty.
- Browse section: Multi source query, Graphed metrics, Options, Source = Select metric, Add math, Add query
- Metrics list:
 - CPUSurplusCreditBalance, EBSReadBytes
 - Instance name 14/14
 - Ec2-JulianParra: i-0dec2290d35fb9..., EBSReadOps, EBSIOBalance%, EBSReadBytes, CPUUtilization
 - Ec2-JulianParra: i-0dec2290d35fb9..., EBSReadOps, EBSIOBalance%, EBSReadBytes, CPUUtilization
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Screenshot of the AWS CloudWatch 'Create alarm' wizard Step 2: Configure actions.

Alarm recommendations available
Turn on Recommendations to pre-populate the wizard with the recommended alarms.

Configure actions

Notification

Alarm state trigger
Define the alarm state that will trigger this action.

In alarm
The metric or expression is outside of the defined threshold.

OK
The metric or expression is within the defined threshold.

Insufficient data
The alarm has just started or not enough data is available.

Send a notification to the following SNS topic
Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

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Screenshot of the AWS CloudWatch 'Create alarm' wizard Step 3: Add alarm details.

Step 3
 Add alarm details

Step 4
 Preview and create

Alarm state trigger
Define the alarm state that will trigger this action.

In alarm
The metric or expression is outside of the defined threshold.

OK
The metric or expression is within the defined threshold.

Insufficient data
The alarm has just started or not enough data is available.

Send a notification to the following SNS topic
Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

Send a notification to...

JulianParra

Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.

Email (endpoints)
julprobayo21@gmail.com - View in SNS Console

Add notification

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Screenshot of the AWS CloudWatch Alarms interface showing a list of six alarms:

Name	State	Actions	Last state update (UTC)
Mi Alarma de mi Ec2 Julian Parra	Insufficient data	Actions enabled	2026-02-21 02:29:53
Mi alarma de EC2-sebastian	Insufficient data	Actions enabled	2026-02-21 02:29:48
Alarma CPU - pablocastano6	Insufficient data	Actions enabled	2026-02-21 02:29:44
alarm my cpu	Insufficient data	Actions enabled	2026-02-21 02:29:42
Mi Alarma de mi EC2 -Johan	Insufficient data	Actions enabled	2026-02-21 02:29:36
alarma prueba pedro	OK	Actions enabled	2026-02-21 02:25:42

Screenshot of the AWS CloudWatch interface showing a terminal session output:

```
ec2-user@ip-172-31-9-92:~$ Package Architecture Version Repository Size
CloudWatch:-----.
CloudWatch:Installing:
CloudWatch:stress x86_64 1.0.7-2.amzn2023.0.1 amazonlinux 34 k
CloudWatch:transaction Summary
CloudWatch:Install 1 Package
CloudWatch:Total download size: 34 k
CloudWatch:installed size: 68 k
CloudWatch:downloading Packages:
CloudWatch:stress-1.0.7-2.amzn2023.0.1.x86_64.rpm
CloudWatch:895 kB/s | 34 kB 00:00
CloudWatch:463 kB/s | 34 kB 00:00
CloudWatch:total
CloudWatch:Running transaction check
CloudWatch:transaction check succeeded.
CloudWatch:Running transaction test
CloudWatch:transaction test succeeded.
CloudWatch:Running transaction
CloudWatch:Preparing :
CloudWatch:Installing : stress-1.0.7-2.amzn2023.0.1.x86_64
CloudWatch:Running scriptlet: stress-1.0.7-2.amzn2023.0.1.x86_64
CloudWatch:Verifying : stress-1.0.7-2.amzn2023.0.1.x86_64
CloudWatch:1/1
CloudWatch:1/1
CloudWatch:1/1
CloudWatch:1/1
CloudWatch:Complete!
CloudWatch:[ec2-user@ip-172-31-9-92 ~]$
```

Screenshot of the AWS CloudWatch Alarms page.

The page shows 16 alarms listed in a table:

Name	State	Actions	Last state update (UTC)
Alarma EC2 David Tobón	In alarm	Actions enabled	2026-02-21 02:42:02
Mi Alarma de mí Ec2 Julian Parra	In alarm	Actions enabled	2026-02-21 02:41:54
Alarma para monitorear el uso de la CPU	In alarm	Actions enabled Warning	2026-02-21 02:41:47
Alarm EC2 CloudWatch Class - santiagorojas	In alarm	Actions enabled	2026-02-21 02:41:46

The sidebar on the left includes sections for Favorites and recent items, AI Operations (Overview, Investigations, Configuration), GenAI Observability, Application Signals (APM), and Infrastructure Monitoring.