

CTB لاخدا AWS VPC قفدت تالجس نيوكت

تايوت حمل

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قمدقم

عبتت تانايب طيسو ال لاخدا VPC قفدت تالجس نيوكت ةيفي ك دنتسم ال اذه فصي Cisco نم (CTB) م ادختسم ال.

قيساس الابل طتم

تابل طتم

ةيلات ال عيضاوم لابل ةفرعم كي دل نوكت نأب Cisco ي صوت

- Amazon Web Services (AWS)
- CTB ةراد

قمدختسم تانوكم

ةيلات ال ةي دام ال تانوكم لاول جمارب ال تارادصل ال دنتسم ال اذه يف ةدراول تامولعمل دنتست

- CTB (رادصل ال) 2.2.1+
- AWS

ةصاخ ةيلمعم ةئيبي يف ةدوجوم ال ةزهجال نم دنتسم ال اذه يف ةدراول تامولعمل عاشن ا م تناك اذا. (يضا رتفا) حوسمم نيوكتب دنتسم ال اذه يف قمدختسم ال ةزهجال عي مج تادب رما ال لم تحم ال ري ثاتلل كم هف نم دكأتف، ليغشت ال دي قكت كبش

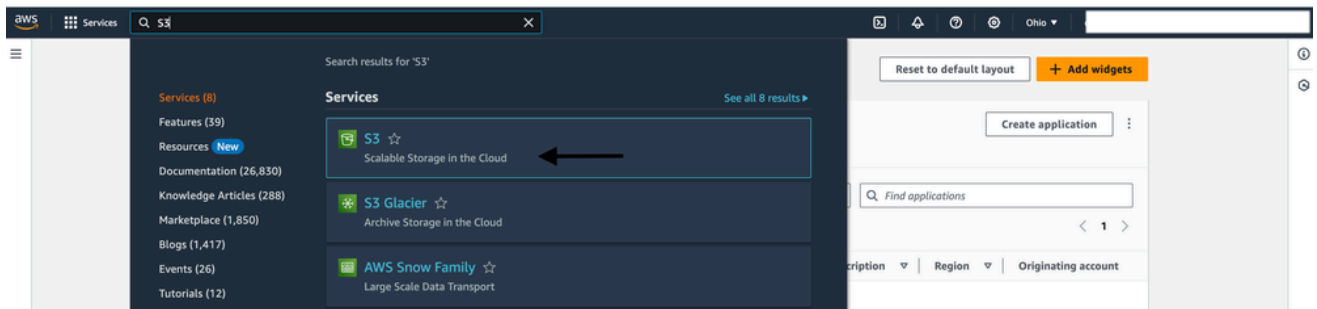
نيوكت تال تاوطخ

AWS يف S3 ولد نيوكت 1. ةوطخ

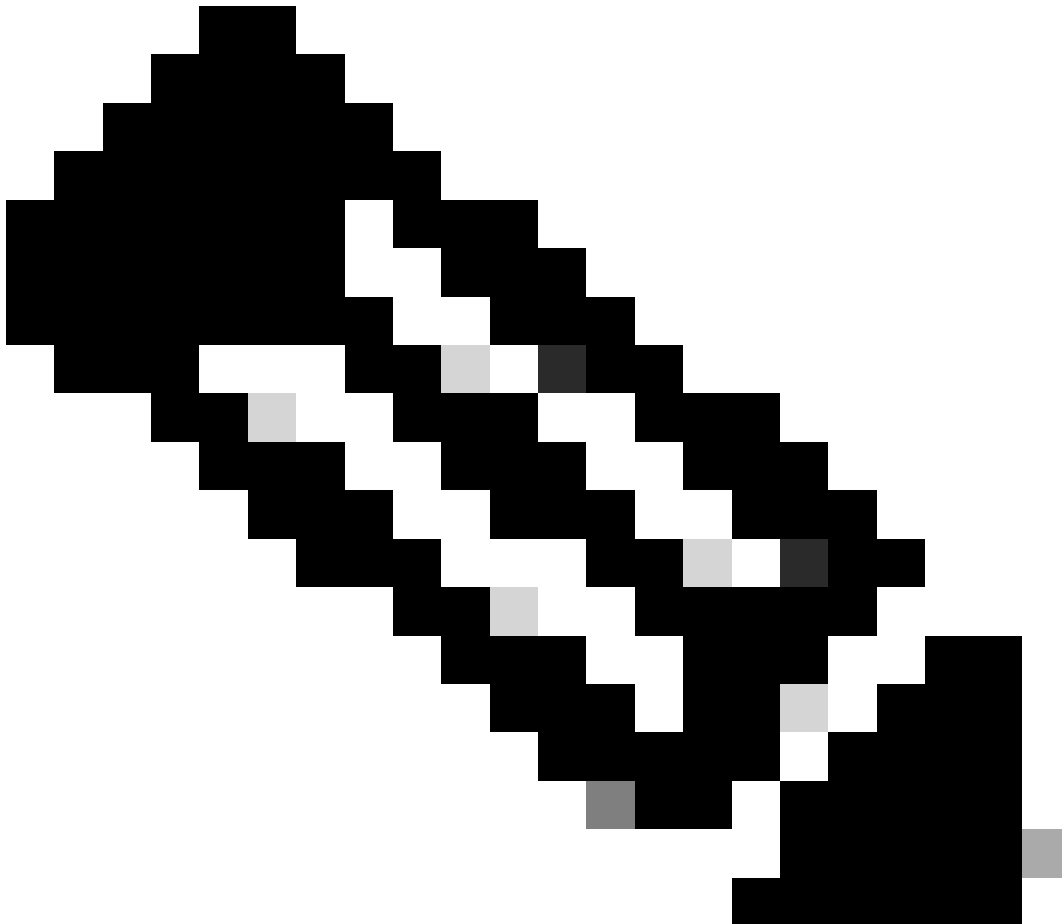
1: رورم الةم لك و مدخت سمل م ساب AWS ةرادا مكحت ةدحو ىلإ لوخدلا لچس:

2: ةبسانم الةقطنم ال ىلإ لوخدلا لىجست نم دكأت:

3: S3 عونلاو شحب ال طيرش ىلإ لقتنا:

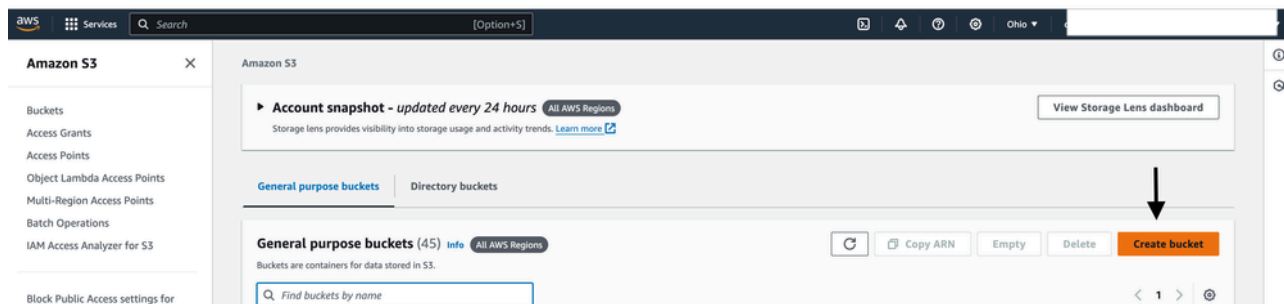


AWS تامولعم ةحول



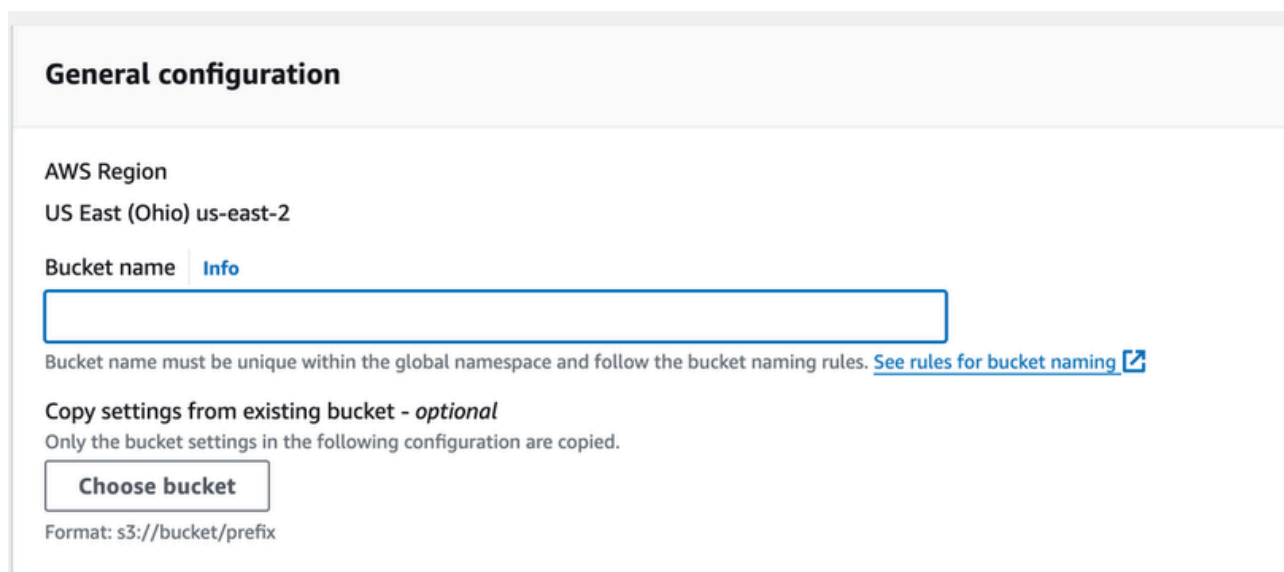
ةقطنم مضت يتال وياهوا ةقطنم ديدحتب تمق دقل ،يحيضوتل ضرعل ي ف :ةظالم
ةرشابم داتعل ةنوقيأ راوجب رهظت يتلاو ، Us-East-2 ةحاتإلإ

4: عدوتسم عاشنإ قوف رقنا:

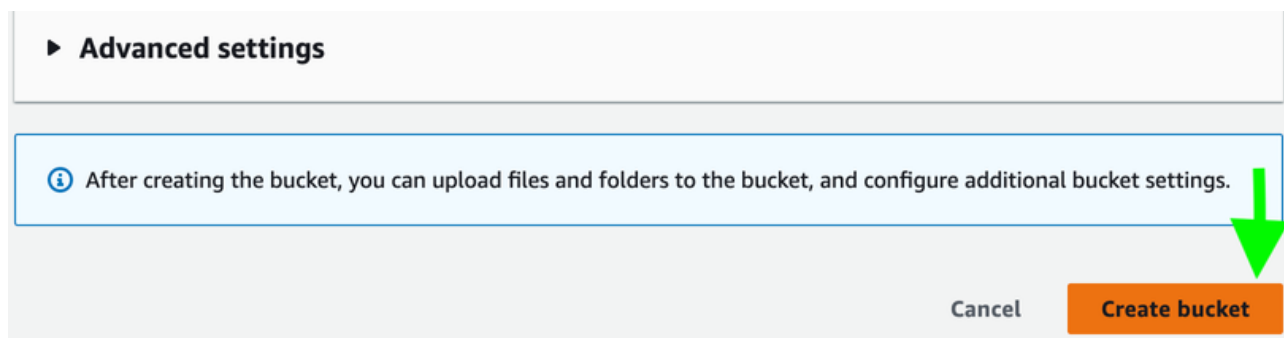


AWS-S3

5: عاشنإ رقناو وه امك راخي لك كرتو مس دي دستب مق:

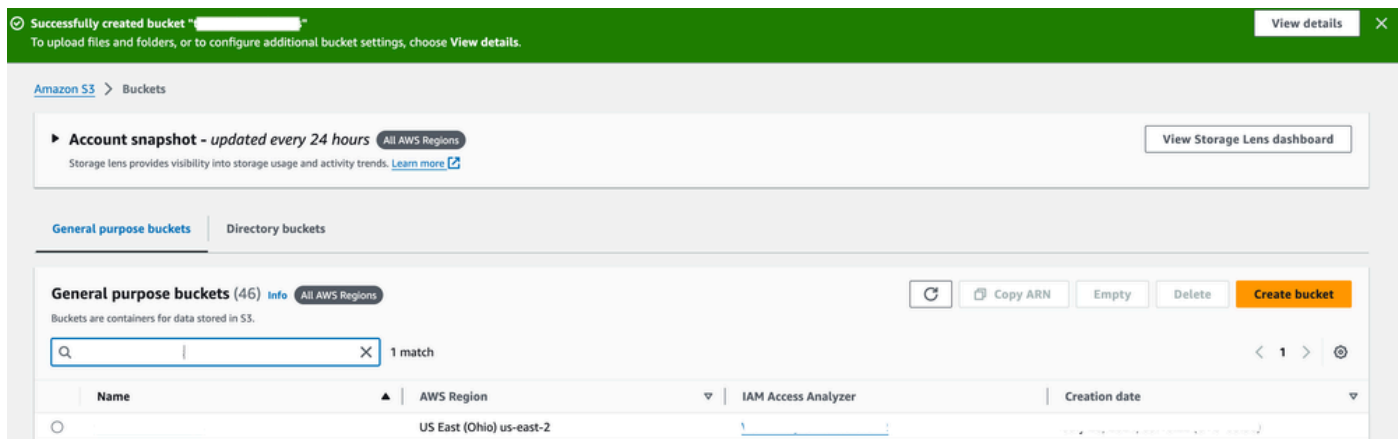


AWS-S3

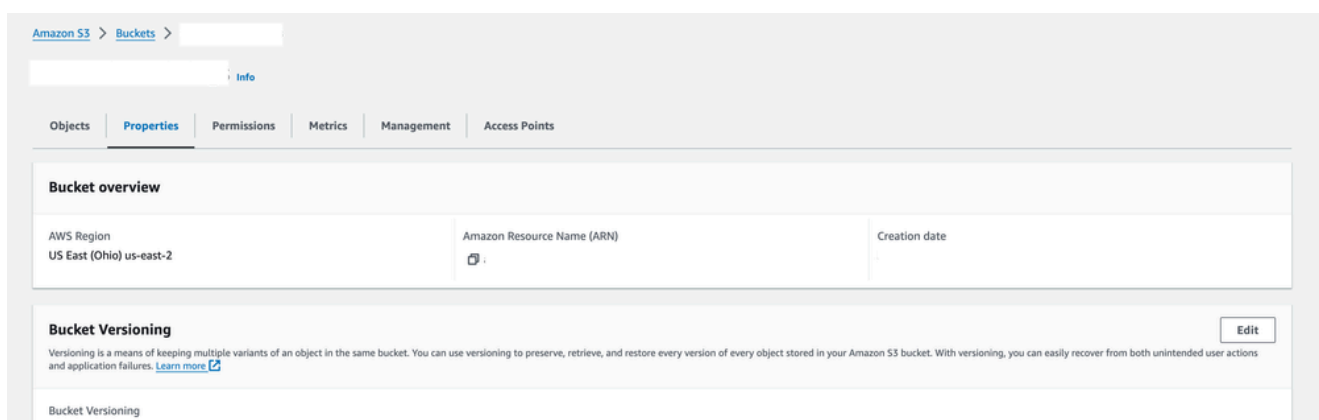


AWS-S3

6: اقحال هم ادختسإ متيس يذلاو ولدل اب صاخلا ARN ظفحأ، حاجنب عدوتسملا عاشنإ درجمبو: 6
نيوكتلا اناثأ.



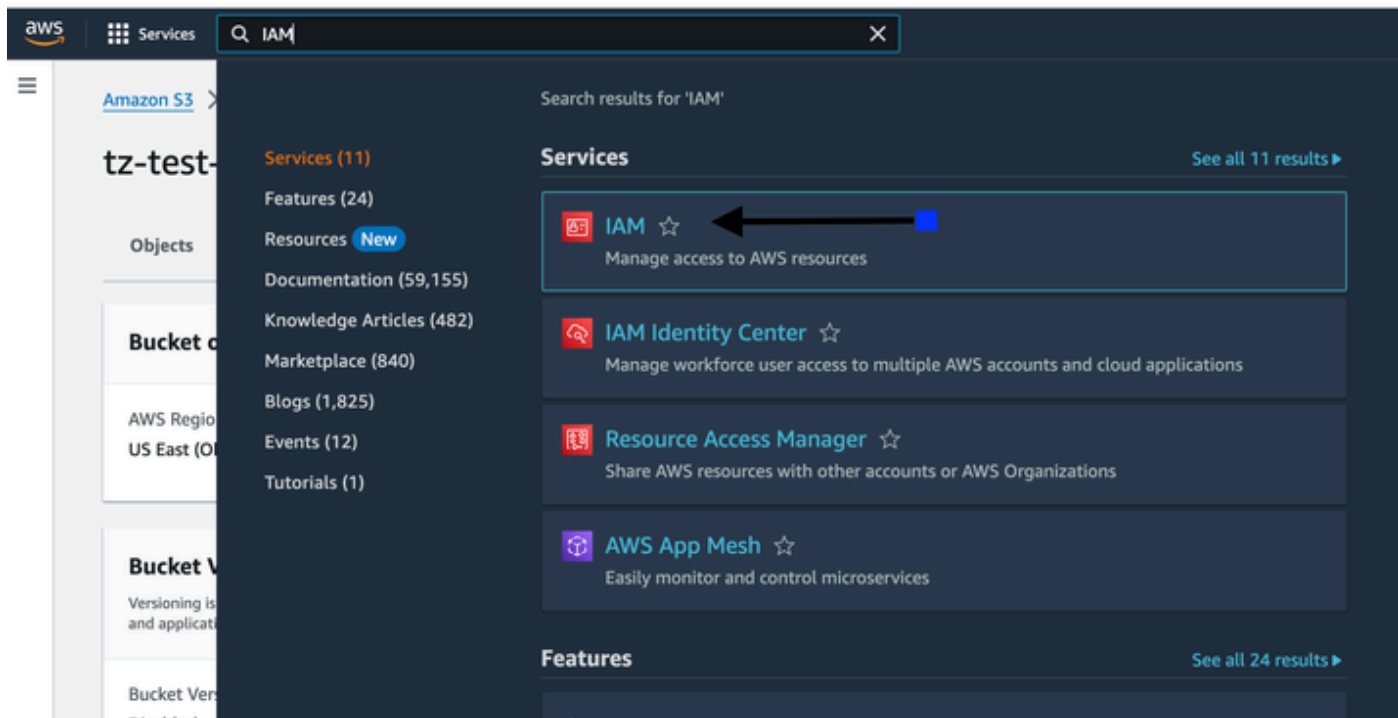
AWS-S3



AWS-S3

عدوتسم جهنو لوصولو اعاتفم مادختساب IAM مدختسم عاشناب مق 2. ةوطخلال قفرم ال S3

AWS. ثحبال طيرش نم IAM ليغشتب مق 1:



ماي-سوأ

ن.م دختس ملإ لقت نا 2:



Services



Search

Identity and Access Management (IAM)



Search IAM

Dashboard

▼ Access management

User groups

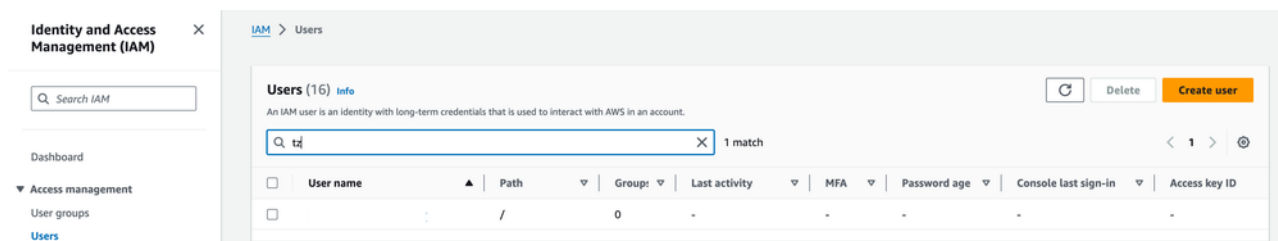
Users

Roles

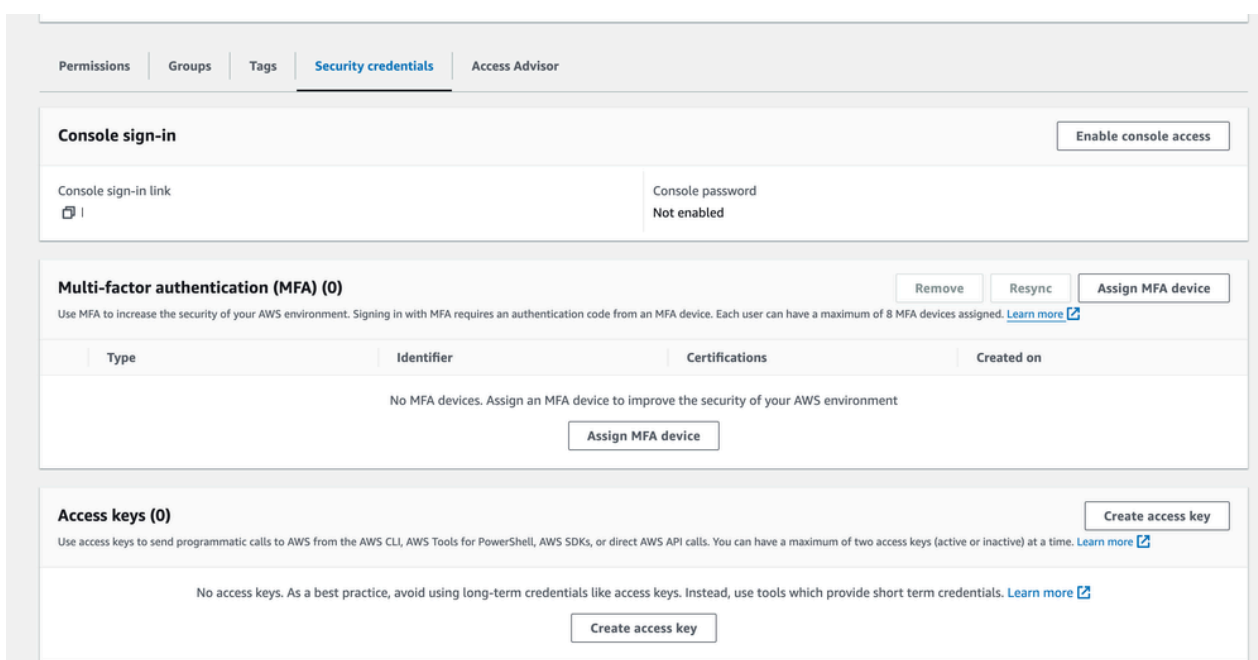
Policies

ءاجرلا ،اضيأ طقف نيعم ل طسب ءامسلا قي رط نع ةقد رثكأ ءهن ءاشنإ كنكمي json. قيسنن تب S3 Bucket ءهن ءاشنإل [ءهنلا ءاشنإ](#) ىلإ لاقتنال

ءامتعا تانايب بيوبتلا ةمالع ىلإ لقتناو مدختسملا درسب مق ،مدختسملا ءاشنإ درجمب 9: لوصول ءاتفم ءاشنإ قوف رقناو نامأل



ماي-سوأ



ماي-سوأ

ايراي تخا زييمت ةمالع ةفاضاب مقو رخآلا رايخل رز ددح 10:

Access key best practices & alternatives Info

Avoid using long-term credentials like access keys to improve your security. Consider the following use cases and alternatives.

Use case

☐ **Command Line Interface (CLI)**

You plan to use this access key to enable the AWS CLI to access your AWS account.

☐ **Local code**

You plan to use this access key to enable application code in a local development environment to access your AWS account.

☐ **Application running on an AWS compute service**

You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.

☐ **Third-party service**

You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.

☐ **Application running outside AWS**

You plan to use this access key to authenticate workloads running in your data center or other infrastructure outside of AWS that needs to access your AWS resources.

☒ **Other**

Your use case is not listed here.

ماي-سو

☒ **Other**

Your use case is not listed here.



It's okay to use an access key for this use case, but follow the best practices:

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access keys when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Cancel

Next

ماي-سو

Set description tag - optional [Info](#)

The description for this access key will be attached to this user as a tag and shown alongside the access key.

Description tag value

Describe the purpose of this access key and where it will be used. A good description will help you rotate this access key confidently later.

Maximum 256 characters. Allowed characters are letters, numbers, spaces representable in UTF-8, and: _ . : / = + - @

Cancel

Previous

Create access key

ماي-سوأ

وأ ليزن تال ارفوتم دعي ملو csv فلم ي Access حاتفم وه اذه .csv فلم ليزن ت قوف رقنا ةحفصل هذه نم لاقنتالال درجم ب ضرعلا

Access key created

This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

IAM > Users > [User] > Create access key

Step 1

Access key best practices & alternatives

Step 2 - optional

Set description tag

Step 3

Retrieve access keys

Retrieve access keys [Info](#)

Access key

If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key

Secret access key

  ***** [Show](#)

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Download .csv file

Done

ماي-سوأ

VPC قفدت تالچس نيوك 3. ةوطخل

صاخال VPC زاخ ىل لقتناوا اديرتي تال ةقطنم ال ىل كيديل VPC زاخ ليغشتب مق 1: ك.

Services

Q VPC

Search results for 'VPC'

Services (12)

Features (59)

Resources New

Documentation (16,744)

Knowledge Articles (245)

Marketplace (648)

Services

VPC

Isolated Cloud Resources

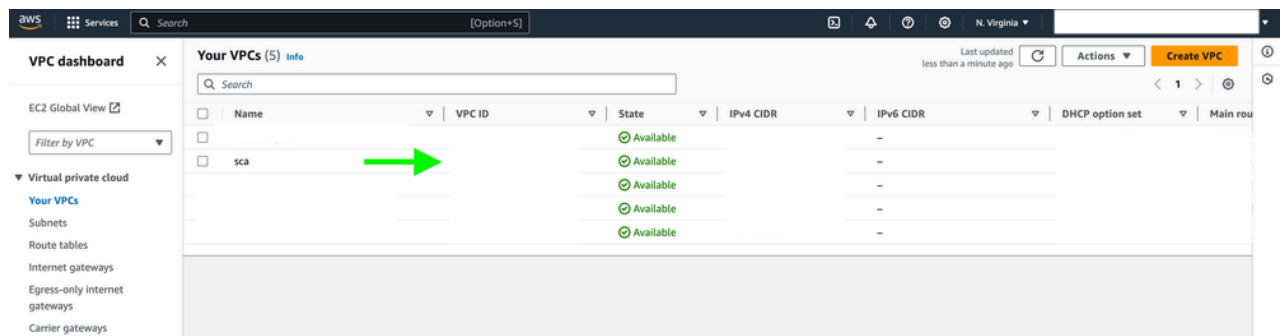
Top features

Your VPCs Subnet Route table Internet gateway Egress-only internet gateways

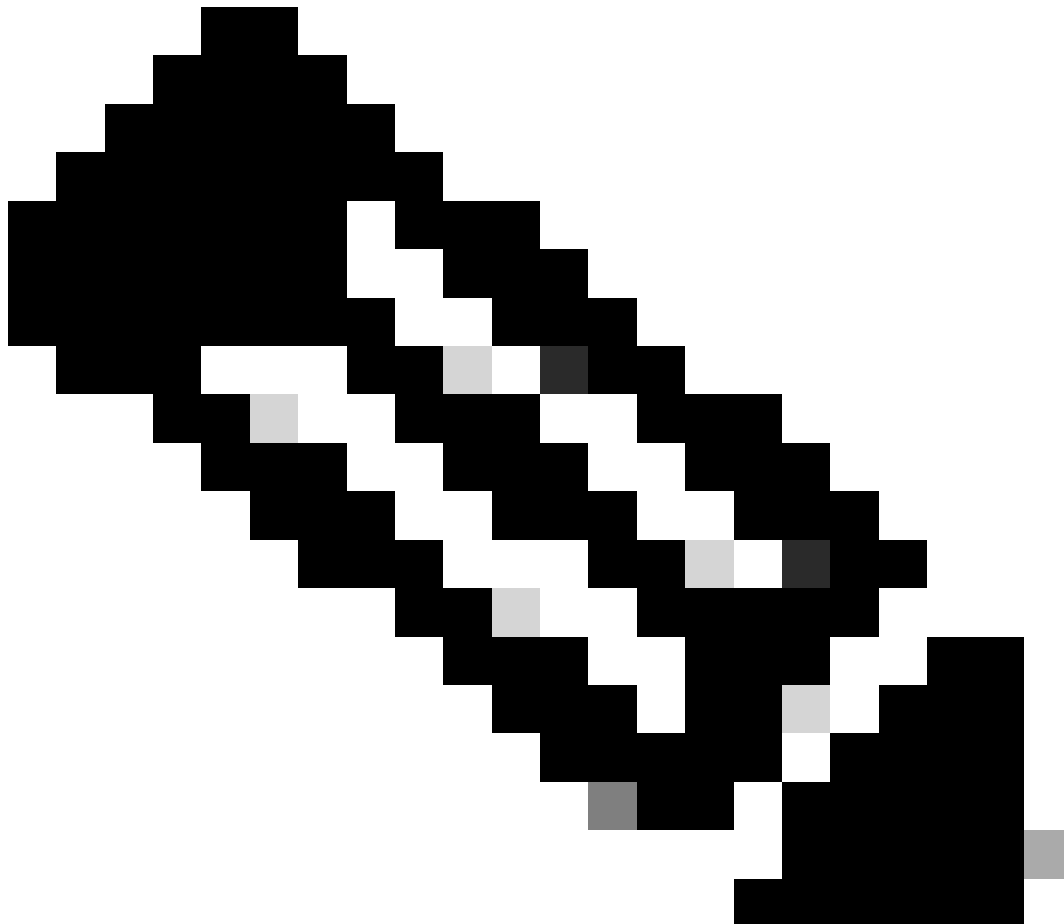
See all 12 results

AWS-Flow-LOG

ةشاشلا ىلع ةضورعلا ةمئاقلا نم كب صاخلا VPC ددح 2:



AWS-Flow-LOG



يحيضوتلا ضرعلا اذه في VPC مسال SCA تدح دقل :ةطحالم

ىلا ليدبتلاب مقو ،ةيرهاطلا ةصاخلا ةباحسلا نمض كب ةصاخلا VPC تالكبش ىلا لقتنا 3:

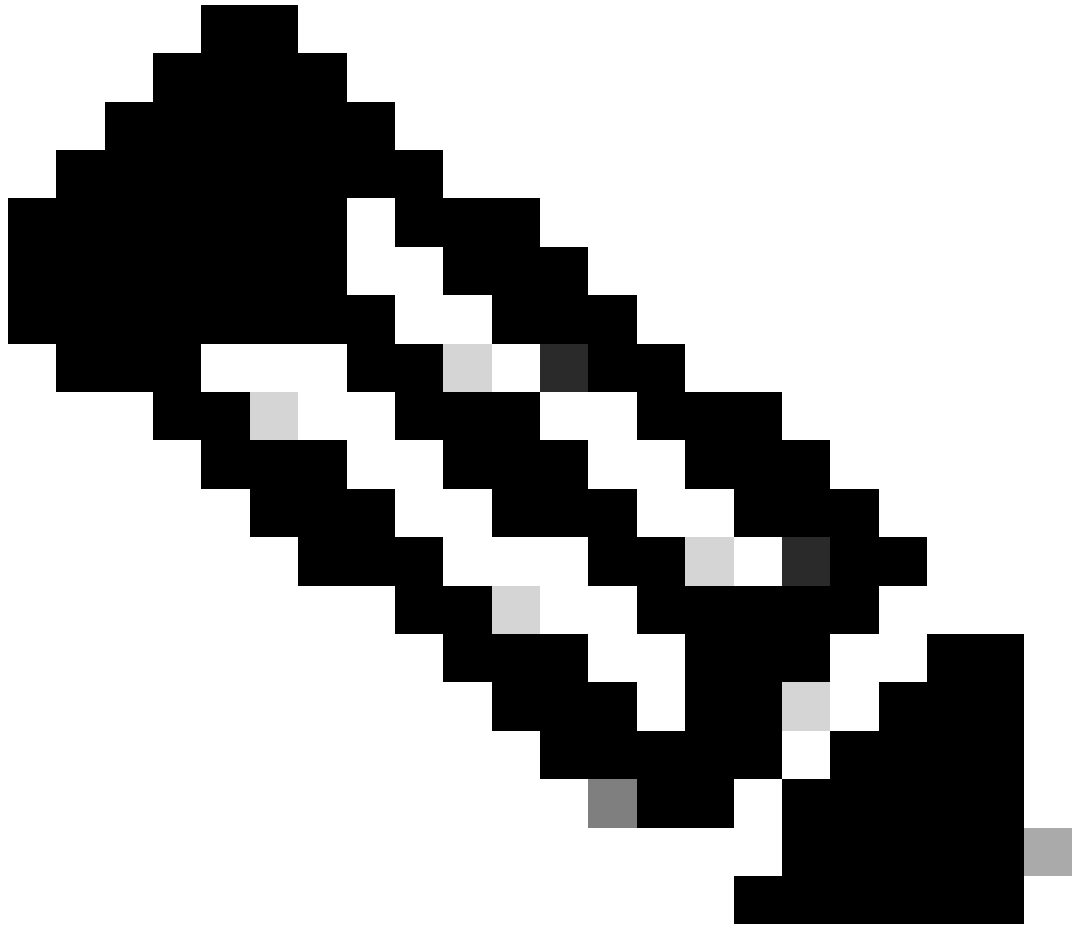
ق ف د ت ل ا ت ا ل ج س ء ا ش ن ا ق و ف ر ق ن ا و ق ف د ت ل ا ت ا ل ج س ب ي و ب ت ل ا ة م ا ل ع .

The screenshot shows the AWS Management Console interface for a VPC named vpc-60bdda1d / sca. The left sidebar contains navigation links for VPC dashboard, EC2 Global View, and various VPC resources. The main content area displays the VPC details, including VPC ID, State (Available), DNS hostnames (Enabled), and other configuration options. Below the details, the 'Flow logs' tab is selected, showing a table with 4 flow logs. An arrow points to the 'Create flow log' button in the top right corner of the Flow logs section.

Name	Flow log ID	Filter	Destination type	Destination name	IAM role ARN
		ALL			
		ALL			
		ALL			
		ALL			

AWS-Flow-LOG

ا ق ب ا س ه ء ا ش ن ا م ت ي ذ ل ا S3 Cket ARN ك ر ا ش و ا م س ا ك ب ة ص ا خ ل ا ق ف د ت ل ا ت ا ل ج س ح ن م ا 4:



6 ةوطخا - S3 ولد نيوكت عجار، ARN ل :ةظحالم

صصخم لجس قيسنت ءاشنإ وأ AWS ل يضارتفالا لجسالا قيسنتب باهذلل راخ كيدل :5
لوقحلا نم ديزم ىلإ ةجالحا ةلاح في.

VPC > Your VPCs > Create flow log

Create flow log [Info](#)

Flow logs can capture IP traffic flow information for the network interfaces associated with your resources. You can create multiple flow logs to send traffic to different destinations.

Selected resources [Info](#)

Name	Resource ID	State
		Available

Flow log settings

Name - optional

Filter

The type of traffic to capture (accepted traffic only, rejected traffic only, or all traffic).

☐ Accept

☐ Reject

☒ All

Maximum aggregation interval [Info](#)

The maximum interval of time during which a flow of packets is captured and aggregated into a flow log record.

☒ 10 minutes

☐ 1 minute

Destination

The destination to which to publish the flow log data.

☐ Send to CloudWatch Logs

☒ Send to an Amazon S3 bucket

☐ Send to Amazon Data Firehose in the same account

☐ Send to Amazon Data Firehose in a different account

aws

Services

Search

[Option+S]

S3 bucket ARN

The ARN of the Amazon S3 bucket to which the flow log is published. You can specify a specific folder in the bucket using the bucket_ARN/folder_name/ format. [Create S3 bucket](#)

arn:

Please note, a resource-based policy will be created for you and attached to the target bucket.

Log record format

Specify the fields to include in the flow log record.

☒ AWS default format

☐ Custom format

Additional metadata

Include additional metadata to AWS default log record format.

☐ Include Amazon ECS metadata

Format preview

```
{version} {account-id} {interface-id} {srcaddr} {dstaddr} {srcport} {dstport}
{protocol} {packets} {bytes} {start} {end} {action} {log-status}
```

Copy

Log file format

Info

The format for the log files. Each log file is compressed using Gzip compression.

☒ Text (default)

☐ Parquet

Hive-compatible S3 prefix

Info

Enable to use Hive-compatible S3 prefixes to simplify the loading of new data into your Hive-compatible tools.

☐ Enable

AWS-Flow-LOG

قفدتال تالچس عاشنإ قوف رقنا :7

S3 bucket ARN

The ARN of the Amazon S3 bucket to which the flow log is published. You can specify a specific folder in the bucket using the bucket_ARN/folder_name/ format. [Create S3 bucket](#)

arn:

Please note, a resource-based policy will be created for you and attached to the target bucket.

Log record format

Specify the fields to include in the flow log record.

- ☐ AWS default format
- ☒ Custom format

Log format

Specify the fields to include in the flow log record.

Select an attribute...

account-id

action

az-id

bytes

dstaddr

dstport

end

flow-direction

instance-id

interface-id

log-status

packets

pkt-dst-aws-service

pkt-dstaddr

pkt-src-aws-service

pkt-srcaddr

protocol

region

srcaddr

srcport

start

sublocation-id

sublocation-type

subnet-id

tcp-flags

traffic-path

type

version

vpc-id

Select all

Clear all

Format preview

`${account-id} ${action} ${az-id} ${bytes} ${dstaddr} ${dstport} ${end} ${flow-direction} ${instance-id} ${interface-id} ${log-status} ${packets} ${pkt-dst-aws-`

Copy

Log file format [Info](#)
The format for the log files. Each log file is compressed using Gzip compression.

☒ Text (default)
☐ Parquet

Hive-compatible S3 prefix [Info](#)
Enable to use Hive-compatible S3 prefixes to simplify the loading of new data into your Hive-compatible tools.

☐ Enable

Partition logs by time [Info](#)
Partition your logs per hour to reduce your query costs and get faster response if you have a large volume of logs and typically run queries targeted to a specific hour timeframe.

☒ Every 24 hours (default)
☐ Every 1 hour (60 minutes)

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.

Key Value - optional

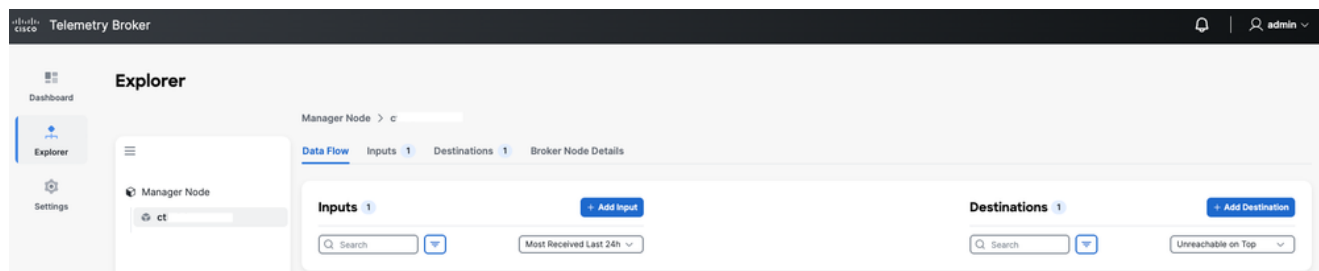
You can add 49 more tags

↓

AWS-Flow-LOG

CTB إلى VPC لإدخال نيوك 4. ةوطخا

1: Access CTB Web UI، إلى لقتنا > Explorer > Broker Node > بيوت الة مالع > Data Flow > طايسول ةدق ع لإدخال ةفاض إ قوف رقنا > Data Flow > طايسول ةدق ع.



CTB-Input-UI

2: إلى ال قوف رقنا و AWS VPC قفدت لچسك لإدخال ةون ددح.

Add Input



Select Input type

Type or Select Input ^

UDP Input

AWS VPC Flow log

Azure NSG Flow log

Flow Generator Input

AWS VPC Flow log

ةمچرتل هذه ل و ح

ةيلآل ا تاي ن ق ت ل ا ن م ة و م ج م ا د خ ت س ا ب د ن ت س م ل ا ا ذ ه Cisco ت م چ ر ت م ل ا ع ل ا ا ح ن ا ع م ج ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل ا و ا م ك ة ق ي ق د ن و ك ت ن ل ة ي ل آ ة م چ ر ت ل ض ف ا ن ا ة ط ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب Cisco ي ل خ ت . ف ر ت ح م م چ ر ت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة م چ ر ت ل ا ع م ل ا ح ل ا و ه ي ل ا ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا م چ ر ت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا د ن ت س م ل ا