

```
1  const middy = require('middy')
2  const { ssm } = require('middy/middlewares')
3  const DocumentClient = require('aws-sdk/clients/dynamodb').DocumentClient
4  const dynamodb = new DocumentClient()
5
6  const { serviceName, stage } = process.env
7  const tableName = process.env.restaurants_table
8
9  const getRestaurants = async (count) => {
10   console.log(`fetching ${count} restaurants from ${tableName}...`)
11   const req = {
12     TableName: tableName,
13     Limit: count
14   }
15
16   const resp = await dynamodb.scan(req).promise()
17   console.log(`found ${resp.Items.length} restaurants`)
18   return resp.Items
19 }
20
21 module.exports.handler = middy(async (event, context) => {
22   const restaurants = await getRestaurants(process.env.defaultResults)
23   const response = {
24     statusCode: 200,
25     body: JSON.stringify(restaurants)
26   }
27
```

CloudWatch

Dashboards

Alarms

ALARM

INSUFFICIENT

OK

Billing

Events

Rules

Event Buses

Logs

Metrics

Favorites

➕ Add a dashboard

CloudWatch > Log Groups > /aws/lambda/big-mouth-dev-accept-order > 2018/02/24/[\$LATEST]0c12d3eaccc14ee598d2d5f7507befd9

Expand all



Row



Text



Filter events

all

30s

5m

1h

6h

1d

1w

custom ▾

Time (UTC +00:00)

Message

2018-02-24

No older events found at the moment. [Retry](#).

▶ 14:32:33

START RequestId: 8cfcebd1-196f-11e8-a058-19dae9188bdf Version: \$LATEST

▼ 14:32:33

2018-02-24T14:32:33.784Z 8cfcebd1-196f-11e8-a058-19dae9188bdf restaurant [Fangtasia] accepted order ID [875ae3c4-c21c-59e6-9057-23694b75f5a2] from user [theburningmonk@gmail.com]

2018-02-24T14:32:33.784Z 8cfcebd1-196f-11e8-a058-19dae9188bdf restaurant [Fangtasia] accepted order ID [875ae3c4-c21c-59e6-9057-23694b75f5a2] from user [theburningmonk@gmail.com]

▼ 14:32:33

2018-02-24T14:32:33.916Z 8cfcebd1-196f-11e8-a058-19dae9188bdf published 'order_accepted' event into Kinesis

2018-02-24T14:32:33.916Z 8cfcebd1-196f-11e8-a058-19dae9188bdf published 'order_accepted' event into Kinesis

▶ 14:32:33

END RequestId: 8cfcebd1-196f-11e8-a058-19dae9188bdf

▶ 14:32:33

REPORT RequestId: 8cfcebd1-196f-11e8-a058-19dae9188bdf Duration: 136.13 ms Billed Duration: 200 ms Memory

No newer events found at the moment. [Retry](#).

CloudWatch

Dashboards

Alarms

ALARM

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OK

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Expand all



Row



Text



Filter events

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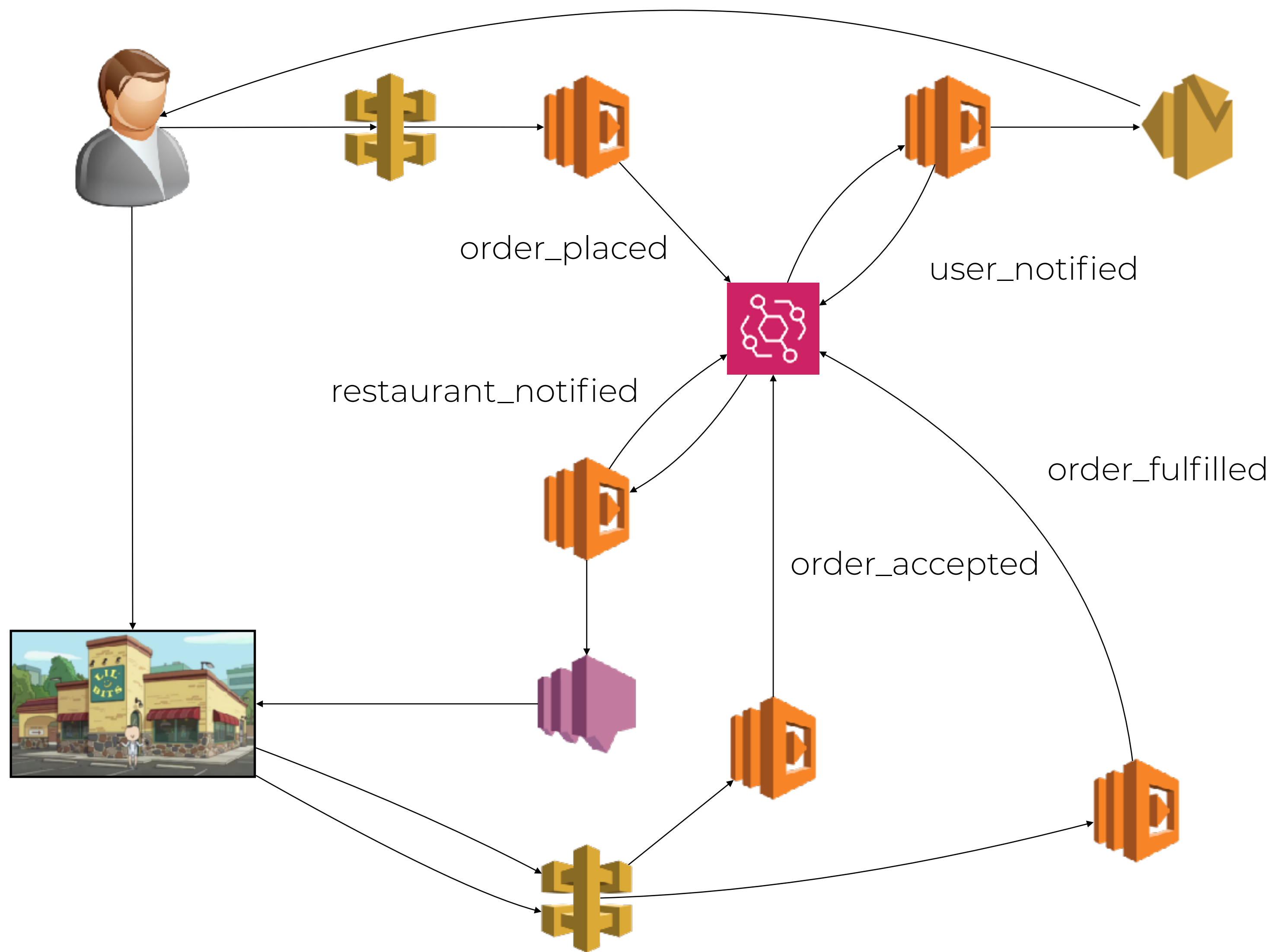
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/aws/lambda/graphql-api-dev-accept... x

/aws/lambda/graphql-api-dev-addAc... x

(+18) v

15m 30m 1h 6h 12h 1d custom (5d) v

fields @timestamp, @message

| sort @timestamp desc

| limit 20

Run query

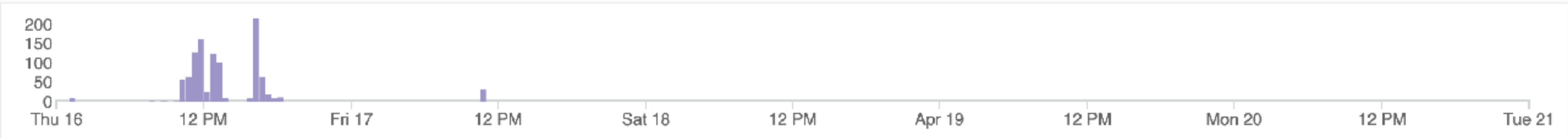
Actions v

Sample queries v

Have feedback? Email us.

Logs

Visualization



1,071 records matched | 1,071 records (151.0 kB) scanned in 6.2s @ 173 records/s (24.4 kB/s)

#	: @timestamp	: @message	:
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Query help [Learn more](#)

Commands

fields

filter

stats

sort

limit

parse

Discovered fields

▶ @ingestionTime

▶ @logStream

▶ @message

▶ @requestId

▶ @timestamp

▶ @type

▶ @billedDuration

▶ @duration

▶ @maxMemoryUsed

▶ @memorySize

▶ message

▶ awsRegion

▶ environment

▶ functionMemorySize

▶ functionName

▶ functionVersion

▶ level

▶ sLevel

▶ awsRequestId

▶ debug-log-enabled

▶ x-correlation-id

▶ @initDuration

▶ bucket

▶ call-chain-length

▶ chunks

▶ code

▶ count

▶ errorMessage

▶ errorType

▶ executionId

100%

100%

100%

100%

100%

93%

11%

11%

11%

11%

<5%

<5%

<5%

<5%

<5%

<5%

<5%

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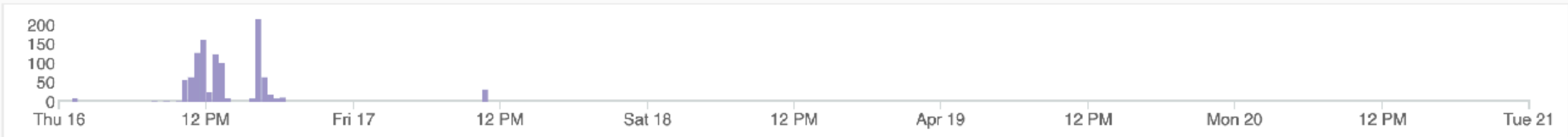
-

/aws/lambda/graphql-api-dev-accept... /aws/lambda/graphql-api-dev-addAc... (+18) 15m 30m 1h 6h 12h 1d custom (5d)

```
fields @timestamp, @message
| sort @timestamp desc
| limit 20
```

Run query Actions Sample queries

Logs Visualization



1,071 records matched | 1,071 records (151.0 kB) scanned in 6.2s @ 173 records/s (24.4 kB/s)

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built-in visualization

Query help [Learn more](#)

Commands

fields

filter

stats

sort

limit

parse

Discovered fields

▶ @ingestionTime

100%

▶ @logStream

100%

▶ @message

100%

▶ @requestId

100%

▶ @timestamp

100%

▶ @type

93%

▶ @billedDuration

11%

▶ @duration

11%

▶ @maxMemoryUsed

11%

▶ @memorySize

11%

▶ message

<5%

▶ awsRegion

<5%

▶ environment

<5%

▶ functionMemorySize

<5%

▶ functionName

<5%

▶ functionVersion

<5%

▶ level

<5%

▶ sLevel

<5%

▶ awsRequestId

<5%

▶ debug-log-enabled

<5%

▶ x-correlation-id

<5%

▶ @initDuration

-

▶ bucket

-

▶ call-chain-length

-

▶ chunks

-

▶ code

-

▶ count

-

▶ errorMessage

-

▶ errorType

-

▶ executionId

-

/aws/lambda/graphql-api-dev-accept... /aws/lambda/graphql-api-dev-addAc... (+18) 15m 30m 1h 6h 12h 1d custom (5d)

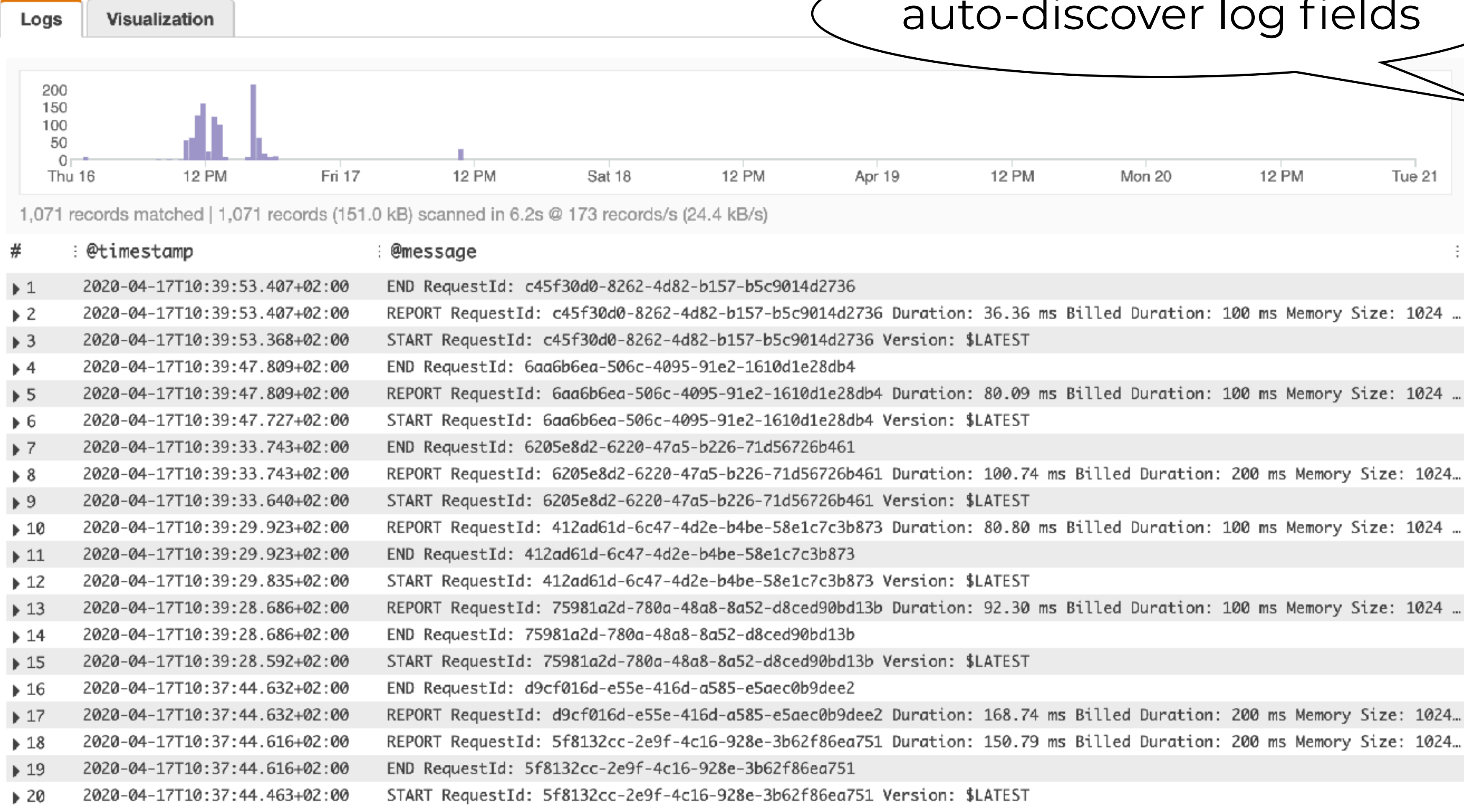
```
fields @timestamp, @message
| sort @timestamp desc
| limit 20
```

Run query

Actions

Sample queries

Have feedback? Email us.



auto-discover log fields

Query help [Learn more](#)

Commands

fields

filter

stats

sort

limit

parse

Discovered fields

▶ @ingestionTime

▶ @logStream

▶ @message

▶ @requestId

▶ @timestamp

▶ @type

▶ @billedDuration

▶ @duration

▶ @maxMemoryUsed

▶ @memorySize

▶ message

▶ awsRegion

▶ environment

▶ functionMemorySize

▶ functionName

▶ functionVersion

▶ level

▶ sLevel

▶ awsRequestId

▶ debug-log-enabled

▶ x-correlation-id

▶ @initDuration

▶ bucket

▶ call-chain-length

▶ chunks

▶ code

▶ count

▶ errorMessage

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▶ executionId

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```
fields @timestamp, @message
| sort @timestamp desc
| limit 20
```

Run query

Actions

Sample queries

Have feedback? Email us.



aggregation, filtering,
parsing, etc.

Query help [Learn more](#)

Commands

fields

filter

stats

sort

limit

parse

Discovered fields

Search for a field

▶ @ingestionTime

▶ @logStream

▶ @message

▶ @requestId

▶ @timestamp

▶ @type

▶ @billedDuration

▶ @duration

▶ @maxMemoryUsed

▶ @memorySize

▶ message

▶ awsRegion

▶ environment

▶ functionMemorySize

▶ functionName

▶ functionVersion

▶ level

▶ sLevel

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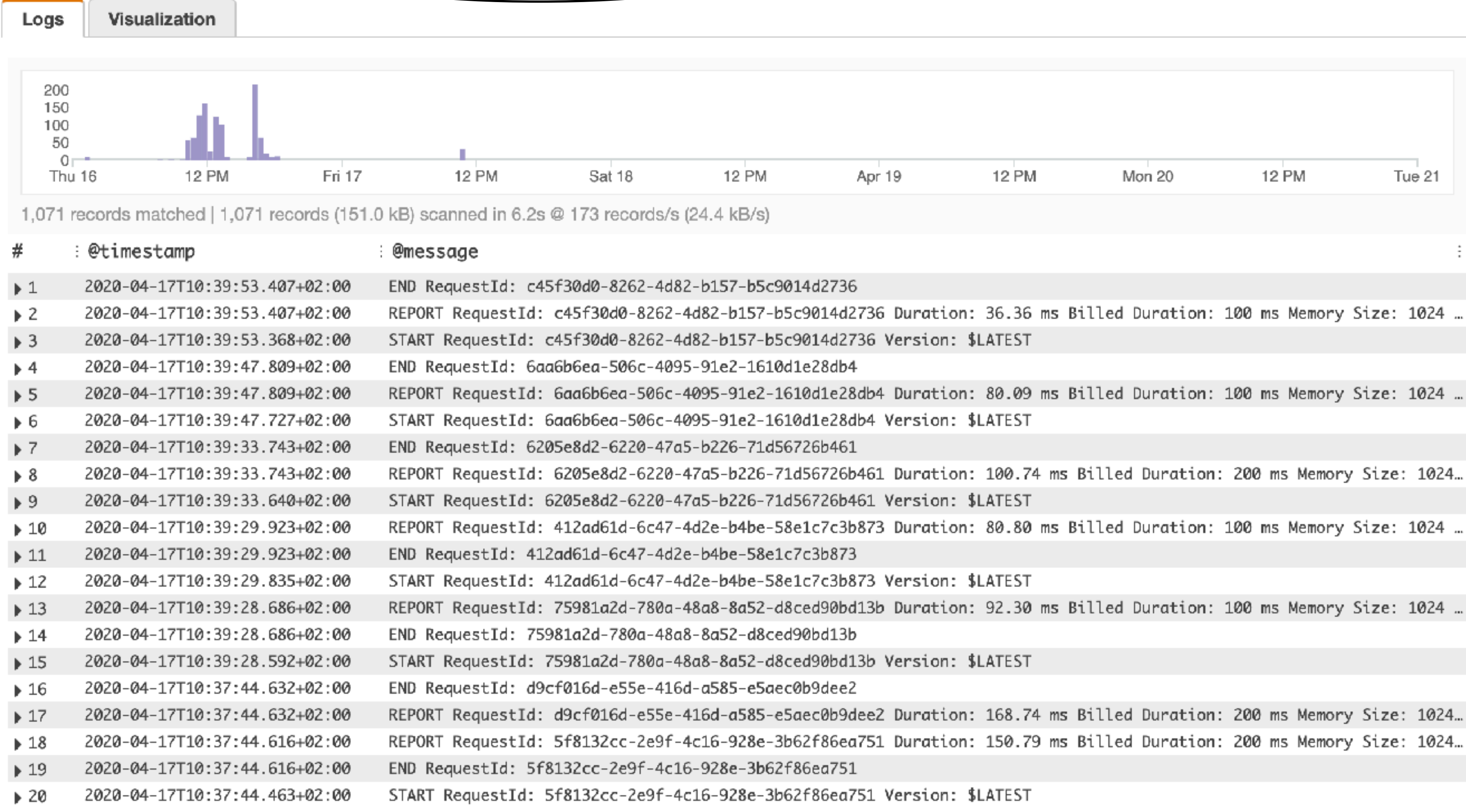
problems with CloudWatch Logs Insight

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fields @timestamp, @message
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| limit 20
```

Run query Action

powerful but complicated query syntax



Query help [Learn more](#)

Commands

- fields
- filter
- stats
- sort
- limit
- parse

Discovered fields

Search for a field

► @ingestionTime	100%
► @logStream	100%
► @message	100%
► @requestId	100%
► @timestamp	100%
► @type	93%
► @billedDuration	11%
► @duration	11%
► @maxMemoryUsed	11%
► @memorySize	11%
► message	<5%
► awsRegion	<5%
► environment	<5%
► functionMemorySize	<5%
► functionName	<5%
► functionVersion	<5%
► level	<5%
► sLevel	<5%
► awsRequestId	<5%
► debug-log-enabled	<5%
► x-correlation-id	<5%
► @initDuration	-
► bucket	-
► call-chain-length	-
► chunks	-
► code	-
► count	-
► errorMessage	-
► errorType	-
► executionId	-

CloudWatch

Dashboards

Alarms

ALARM

INSUFFICIENT

OK

Billing

Logs

Log groups

Insights

Metrics

Events

Rules

Event Buses

ServiceLens

Service Map

Traces

Synthetics

Canaries

Contributor Insights

Settings

Favorites

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fields @timestamp, @message

| sort @timestamp desc

| limit 20

Run query Action

Logs Visualization

Sat 18 12 PM Apr 19 12 PM Mon 20 12 PM Tue 21

Scanned in 6.2s @ 173 records/s (24.4 kB/s)

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Query help

Learn more

Commands

fields

filter

stats

sort

limit

parse

Discovered fields

Search for a field

▶ @ingestionTime 100%

▶ @logStream 100%

▶ @message 100%

▶ @requestId 100%

▶ @timestamp 100%

▶ @type 93%

▶ @billedDuration 11%

▶ @duration 11%

▶ @maxMemoryUsed 11%

▶ @memorySize 11%

▶ message <5%

▶ awsRegion <5%

▶ environment <5%

▶ functionMemorySize <5%

▶ functionName <5%

▶ functionVersion <5%

▶ level <5%

▶ sLevel <5%

▶ awsRequestId <5%

▶ debug-log-enabled <5%

▶ x-correlation-id <5%

▶ @initDuration -

▶ bucket -

▶ call-chain-length -

▶ chunks -

▶ code -

▶ count -

▶ errorMessage -

▶ errorType -

▶ executionId -

powerful but complicated query syntax

great for running analytics on logs

overkill for searching text fragments

only up to 20 log groups at a time

CloudWatch
Dashboards
Alarms
ALARM
INSUFFICIENT
OK
Billing
Logs
Log groups
Insights
Metrics
Events
Rules
Event Buses
ServiceLens
Service Map
Traces
Synthetics
Canaries
Contributor Insights
Settings
Favorites

0
0
1

/aws/lambda/graphql-api-dev-acceptJ...
/aws/lambda/graphql-api-dev-addActi...
/aws/lambda/graphql-api-dev-cms-cre...
/aws/lambda/graphql-api-dev-askToJoin
/aws/lambda/graphql-api-dev-cleanup...
/aws/lambda/graphql-api-dev-cms-do...
/aws/lambda/graphql-api-dev-cms-fin...
/aws/lambda/graphql-api-dev-cms-get...
/aws/lambda/graphql-api-dev-cms-get...
/aws/lambda/graphql-api-dev-cms-list...
/aws/lambda/graphql-api-dev-cms-get...
/aws/lambda/graphql-api-dev-cms-se...
/aws/lambda/graphql-api-dev-cms-se...
/aws/lambda/graphql-api-dev-cms-se...
/aws/lambda/graphql-api-dev-cms-se...
/aws/lambda/graphql-api-dev-cms-up...
/aws/lambda/graphql-api-dev-cms-up...
/aws/lambda/graphql-api-dev-cms-up...
/aws/lambda/graphql-api-dev-createP...
/aws/lambda/graphql-api-dev-deleteA...

15m 30m 1h 6h 12h 1d custom

Query help [Learn more](#)

Commands

fields
filter
stats
sort
limit
parse

needs to know
roughly where to look

only up to 20 log
groups at a time

☐ /aws/appsync/apis/wtccbk/venniaikizobitnjvxy
☐ /aws/appsync/apis/z22qckcyunb7fislhylmhcgoiq
☒ /aws/lambda/graphql-api-dev-acceptJoinRequest
☒ /aws/lambda/graphql-api-dev-addActivity
☒ /aws/lambda/graphql-api-dev-askToJoin
☒ /aws/lambda/graphql-api-dev-cleanupExpiredActivities
☒ /aws/lambda/graphql-api-dev-cms-createUniversity
☒ /aws/lambda/graphql-api-dev-cms-downloadProfiles
☒ /aws/lambda/graphql-api-dev-cms-findMyCoach
☒ /aws/lambda/graphql-api-dev-cms-getMyUniversity
☒ /aws/lambda/graphql-api-dev-cms-getQrCodeStats
☒ /aws/lambda/graphql-api-dev-cms-getUploadUrl
☒ /aws/lambda/graphql-api-dev-cms-listProfiles
☒ /aws/lambda/graphql-api-dev-cms-searchProfileByName
☒ /aws/lambda/graphql-api-dev-cms-sendMyPushNotification
☒ /aws/lambda/graphql-api-dev-cms-sendPushNotification
☒ /aws/lambda/graphql-api-dev-cms-sendPushNotificationToUser
☒ /aws/lambda/graphql-api-dev-cms-updateCoachProfiles
☒ /aws/lambda/graphql-api-dev-cms-updateMyUniversity
☒ /aws/lambda/graphql-api-dev-cms-updateUniversity
☒ /aws/lambda/graphql-api-dev-createProfile
☒ /aws/lambda/graphql-api-dev-deleteActivity
☐ /aws/lambda/graphql-api-dev-getActivityMembers
☐ /aws/lambda/graphql-api-dev-getActivityMessages
☐ /aws/lambda/graphql-api-dev-getUploadUrl
☐ /aws/lambda/graphql-api-dev-kickActivityMember

100%
100%
100%
100%

21 12:05 12:10

Create Metric Filter Actions

The screenshot shows the AWS IAM console interface. On the left, the 'Log Groups' list is visible with a filter set to 'Log Group Name'. The list contains several log groups, with '/aws/lambda/graph' selected. On the right, the 'Create log group' dropdown menu is open, showing options: 'Delete log group', 'Export', 'Export data to Amazon S3', 'View all exports to Amazon S3', 'Subscriptions', 'Stream to AWS Lambda', 'Stream to Amazon Elasticsearch Service' (highlighted in orange), and 'Remove Subscription Filter'.

Filter: <input type="text" value="Log Group Name"/>		Log Groups 1-50			
Log Groups		Insights	Expire Events After	Metric Filters	Subscriptions
<input type="radio"/>	/aws-glue/crawlers	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/appsync/apis/	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/appsync/apis/	Explore	Never Expire	0 filters	None
<input checked="" type="radio"/>	/aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-cleanupExpiredActivities	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-createProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-createUniversity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-deleteActivity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-deleteProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-downloadCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-findMyCoach	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMembers	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMemberships	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMessages	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getCmsUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getQrCodeStats	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getSportByActivityId	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-heyLetsPlay	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-kickActivityMember	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-leaveActivity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-listCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-rejectJoinRequest	Explore	Never Expire	0 filters	None

- CloudWatch
- Dashboards
- Alarms
- ALARM 0
- INSUFFICIENT 0
- OK 0
- Billing
- Logs
- Log groups**
- Insights
- Metrics
- Events
- Rules
- Event Buses
- ServiceLens
- Service Map
- Traces
- Container Insights BETA
- Resources
- Performance Monitoring
- Synthetics NEW
- Canaries
- Contributor Insights
- Settings
- Favorites

CloudWatch > Log Groups

Create Metric Filter Actions ▾

Filter: Log Group Name

Log Groups

Create log group

Delete log group

Export

Export data to Amazon S3

View all exports to Amazon S3

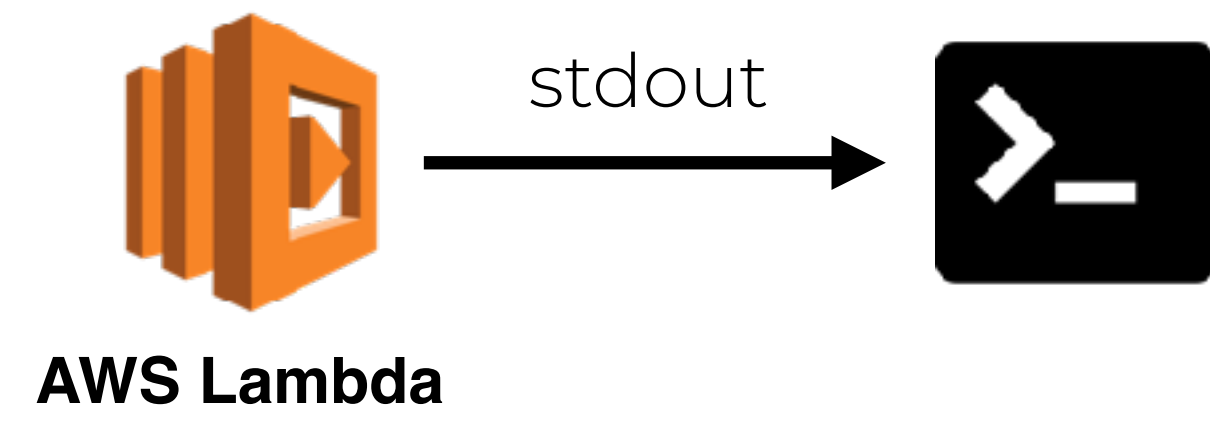
Stream to AWS Lambda

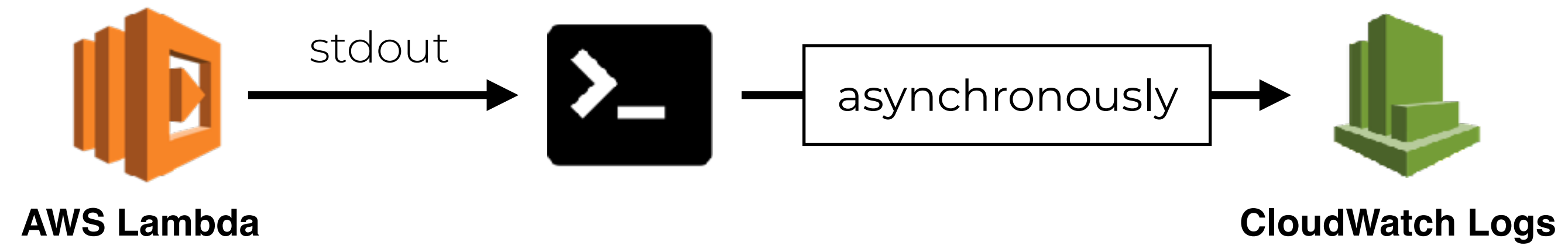
Stream to Amazon Elasticsearch Service

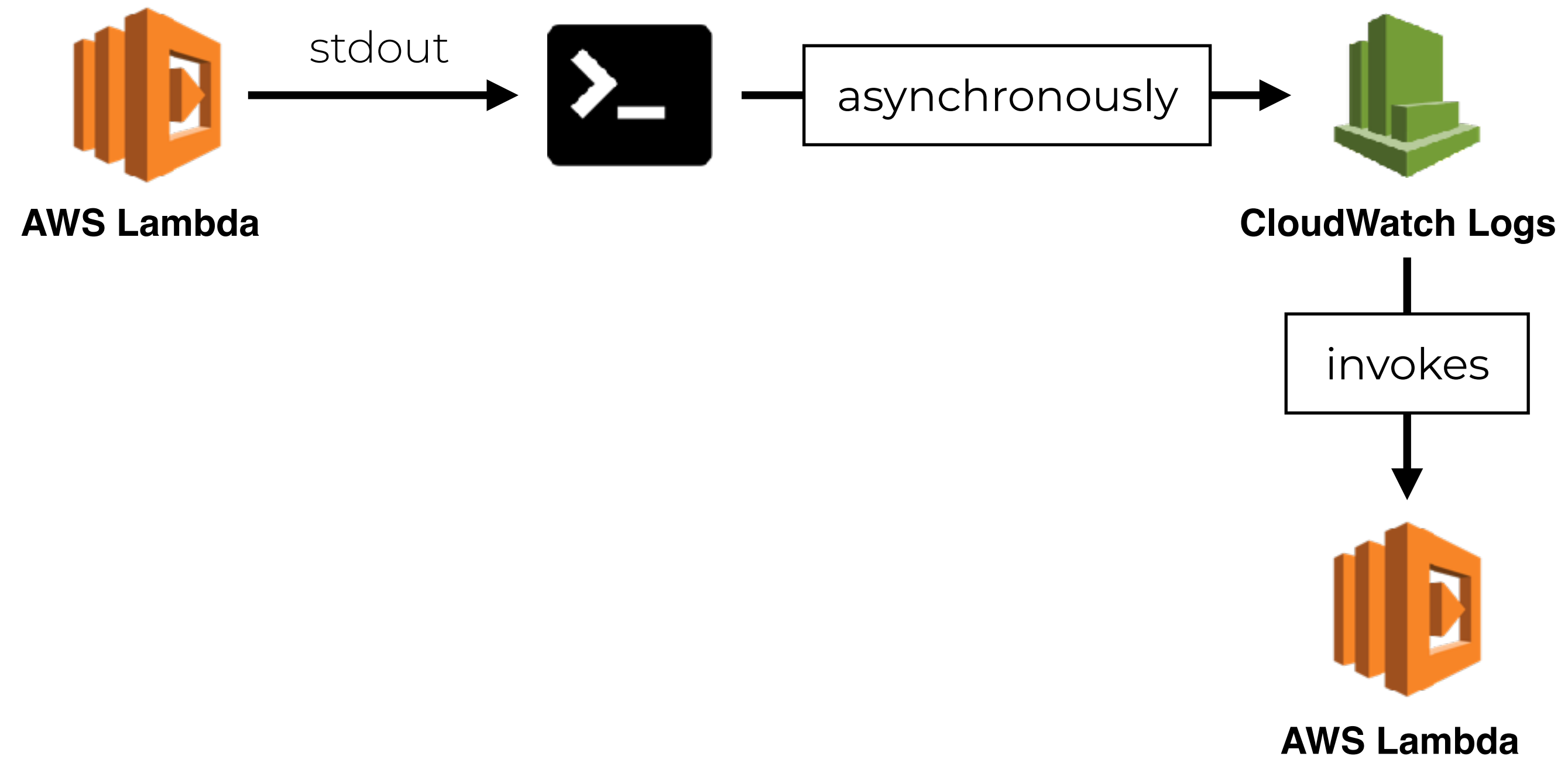
Remove Subscription Filter

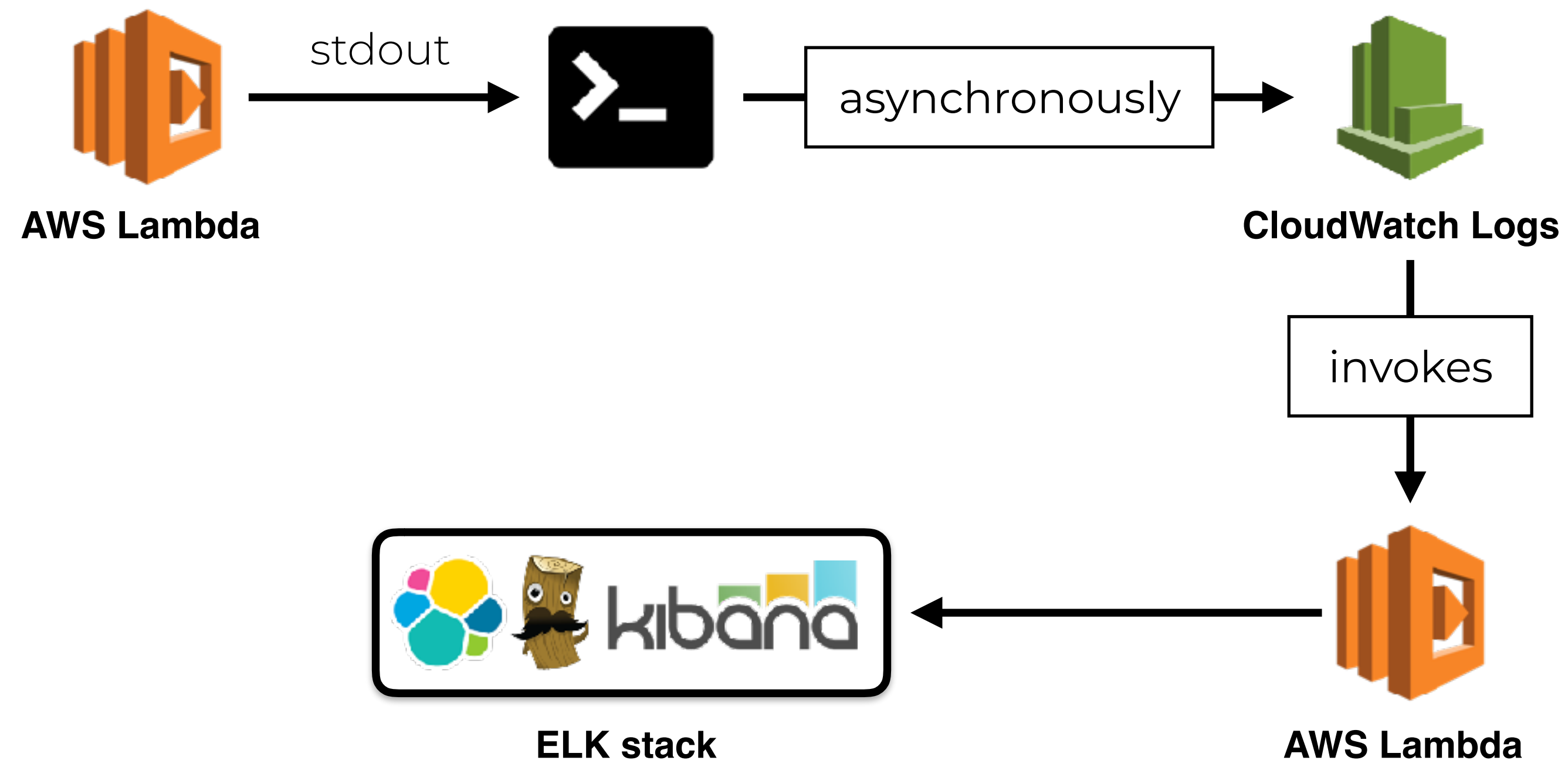
	Insights	Expire Events After	Metric Filters	Subscriptions
<input type="radio"/> /aws-glue/crawlers	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/appsync/apis/	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/appsync/apis/	Explore	Never Expire	0 filters	None
<input checked="" type="radio"/> /aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graph	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-cleanupExpiredActivities	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-createProfile	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-createUniversity	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-deleteActivity	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-deleteProfile	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-downloadCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-findMyCoach	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getActivityMembers	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getActivityMemberships	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getActivityMessages	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getCmsUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getProfile	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getQrCodeStats	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getSportByActivityId	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-getUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-heyLetsPlay	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-kickActivityMember	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-leaveActivity	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-listCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/> /aws/lambda/graphql-api-dev-rejectJoinRequest	Explore	Never Expire	0 filters	None

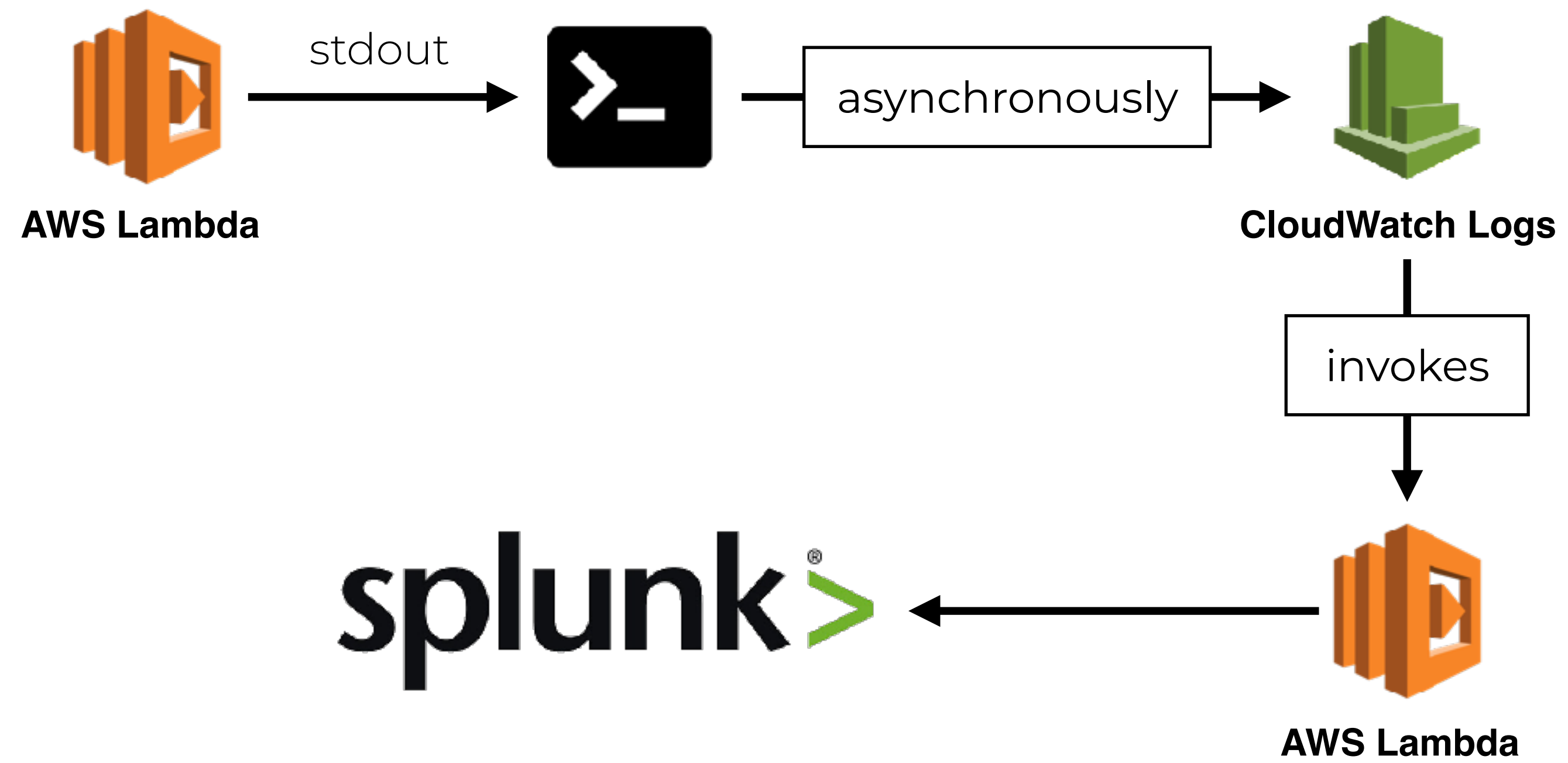
⏮ < Log Groups 1-50 > ⏭

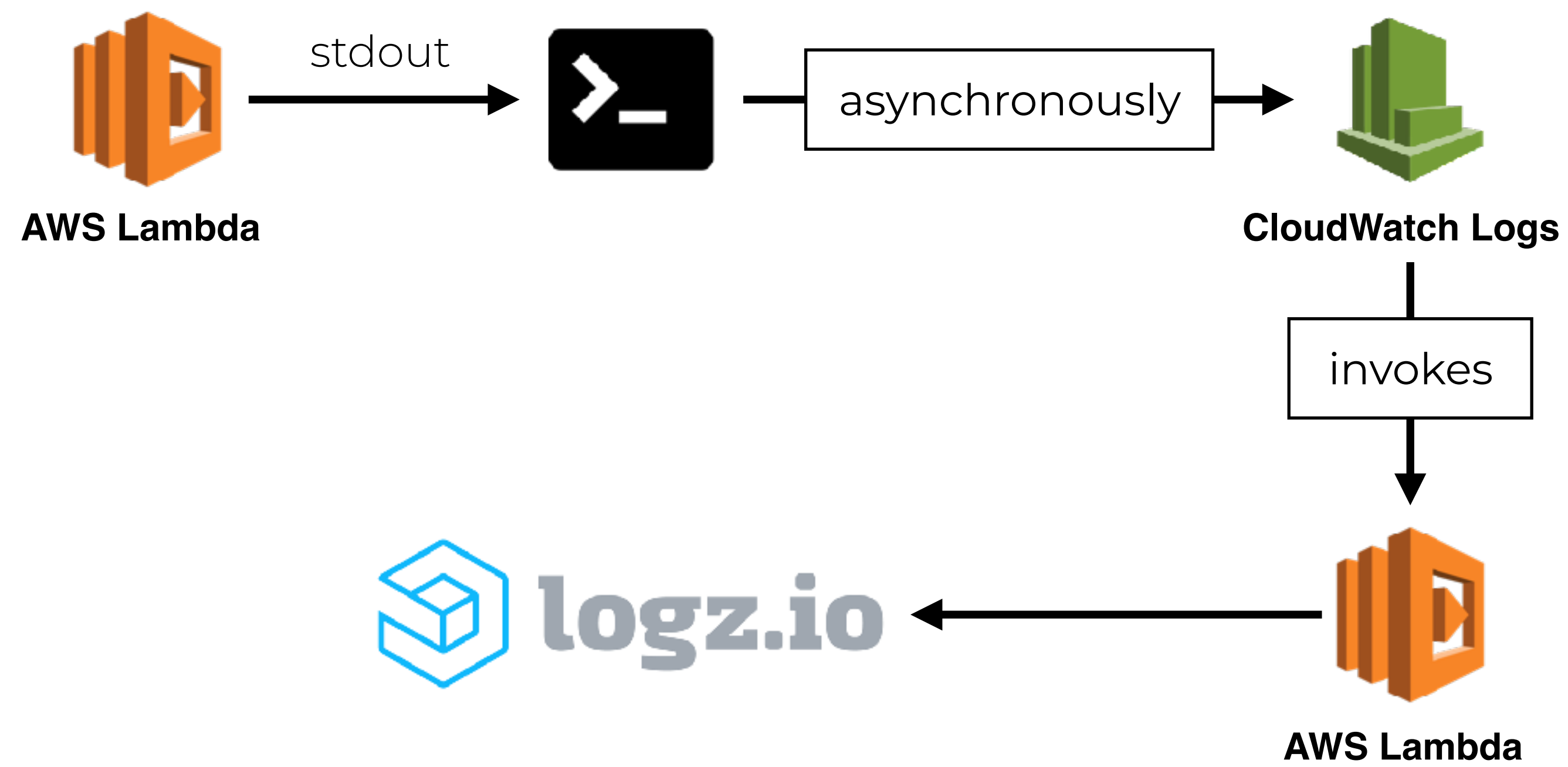


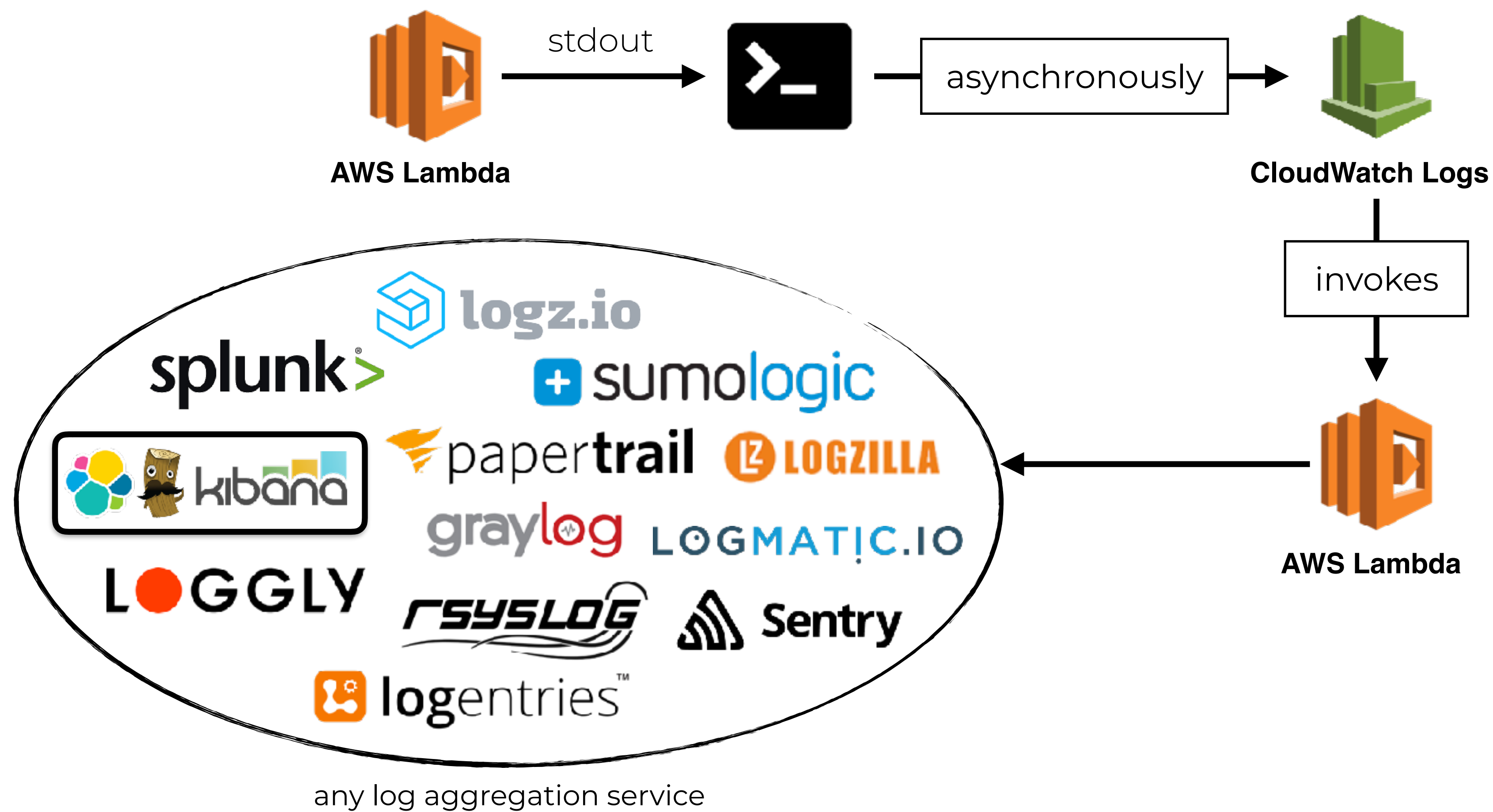






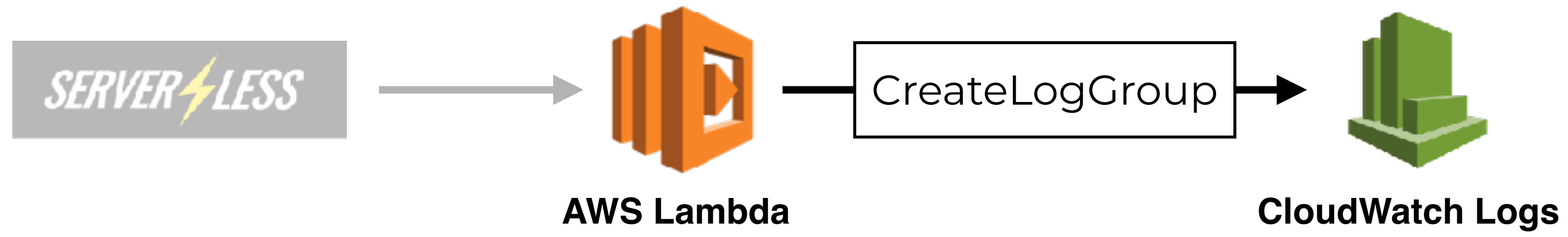








AWS Lambda



Amazon EventBridge

Events

Event buses

Rules

Partner event sources

Schema registry

Schemas

Documentation

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

CloudWatch Logs

Event type

The type of events as the source of the matching pattern

AWS API Call via CloudTrail

For AWS API call events, EventBridge supports the same read/write APIs as CloudTrail does. Read-only APIs, such as those that begin with **List**, **Get**, or **Describe** are not supported by EventBridge. [See more details](#) about which services are supported by CloudTrail.

Any operation

Specific operation(s)

CreateLogGroup

Remove

Add

Event pattern

Edit

```
{
  "source": [
    "aws.logs"
  ],
  "detail-type": [
    "AWS API Call via CloudTrail"
  ],
  "detail": {
    "eventSource": [
      "logs.amazonaws.com"
    ]
  }
}
```

Select event bus

Creating a Trail in the Console

You can configure your trail for the following:

- Specify if you want the trail to apply to all regions or a single region.
- Specify an Amazon S3 bucket to receive log files.
- For management and data events, specify if you want to log read-only, write-only, or all events.

To create a CloudTrail trail with the AWS Management Console

1. Sign in to the AWS Management Console and open the CloudTrail console at <https://console.aws.amazon.com/cloudtrail/>.
2. Choose the region where you want the trail to be created.
3. Choose **Get Started Now**.
4. On the **Create Trail** page, for **Trail name**, type a name for your trail. For more information, see [CloudTrail Trail Naming Requirements](#).
5. For **Apply trail to all regions**, choose **Yes** to receive log files from all regions. This is the default and recommended setting. If you choose **No**, the trail logs files only from the region in which you create the trail.
6. For **Management events**, for **Read/Write events**, choose if you want your trail to log **All**, **Read-only**, **Write-only**, or **None**, and then choose **Save**. By default, trails log all management events. For more information, see [Management Events](#).
7. For **Data events**, you can specify logging data events for Amazon S3 buckets, for

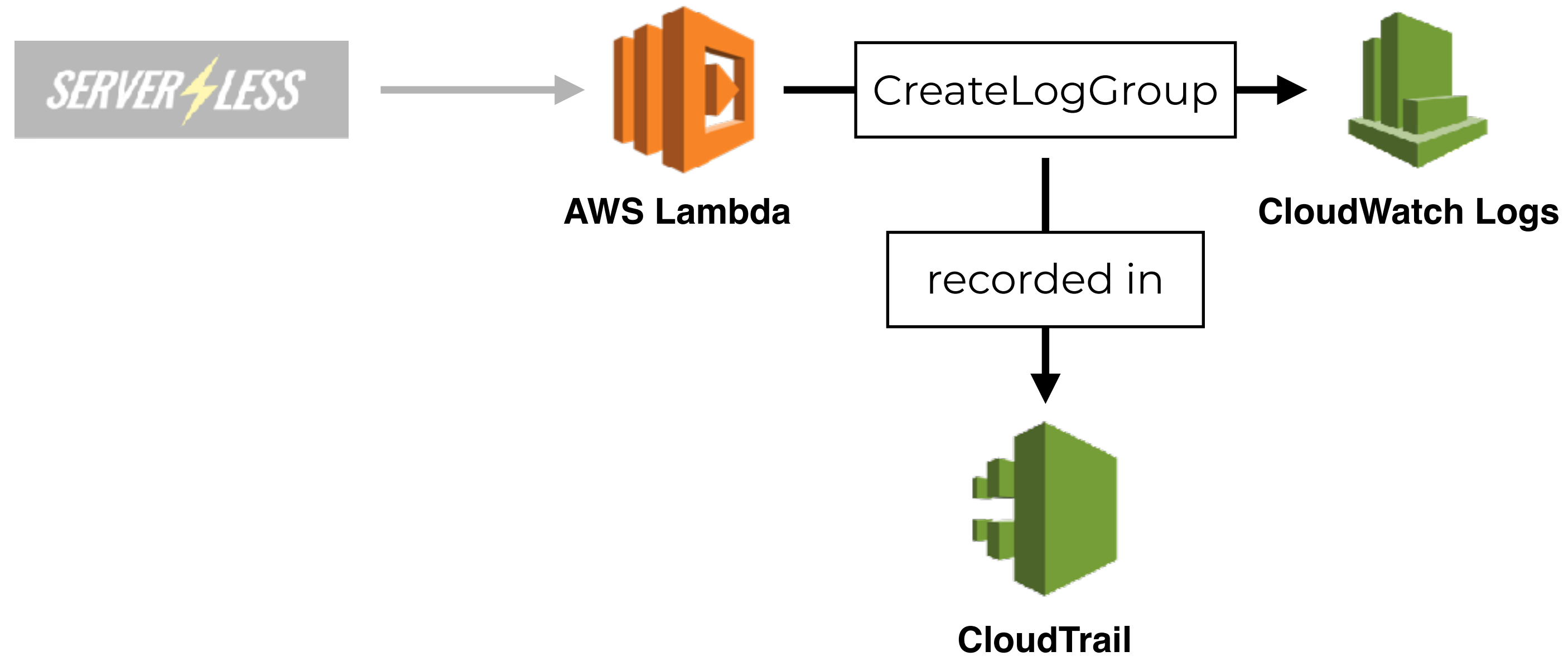
On this page:

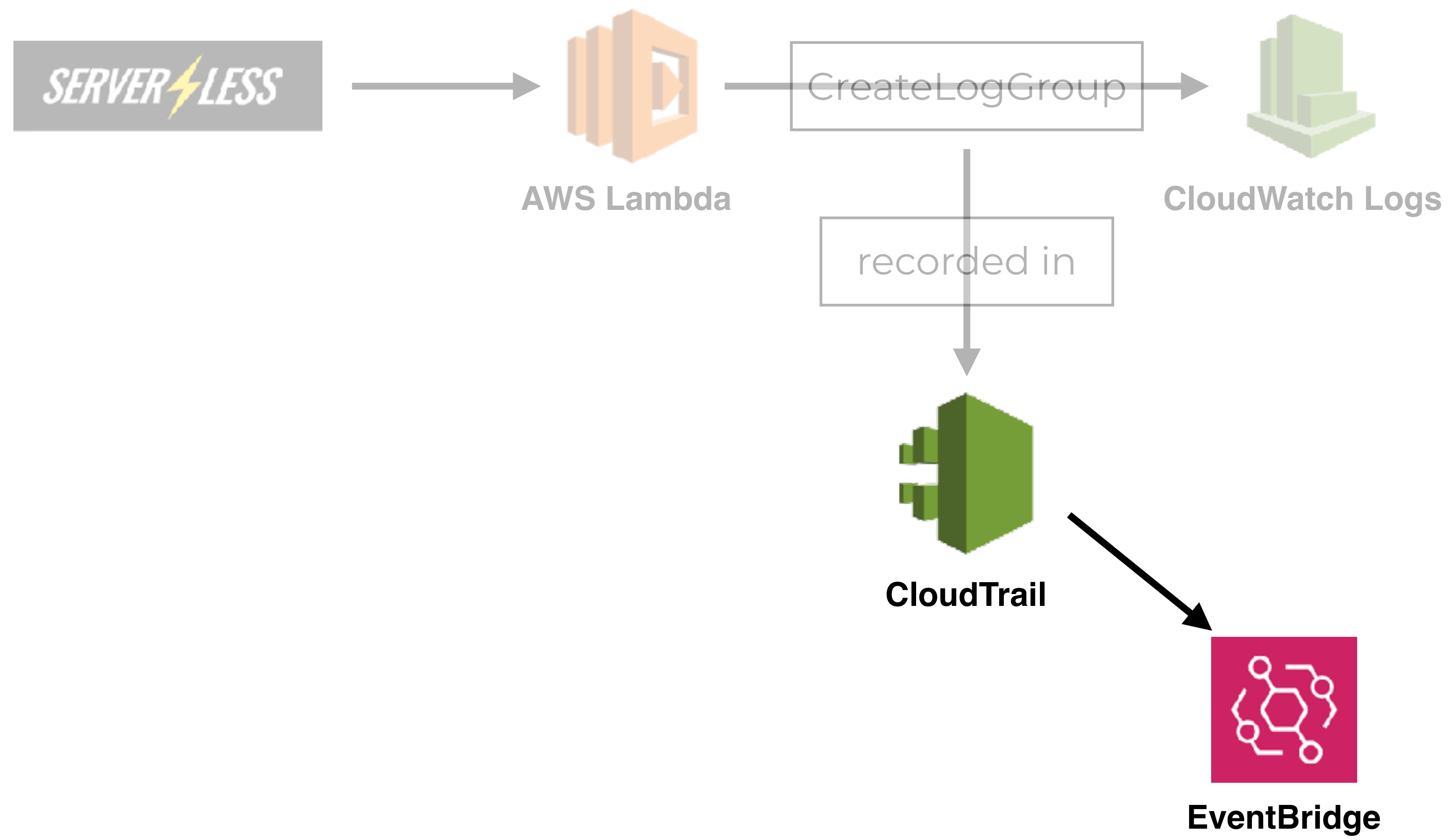
Creating a Trail in the Console

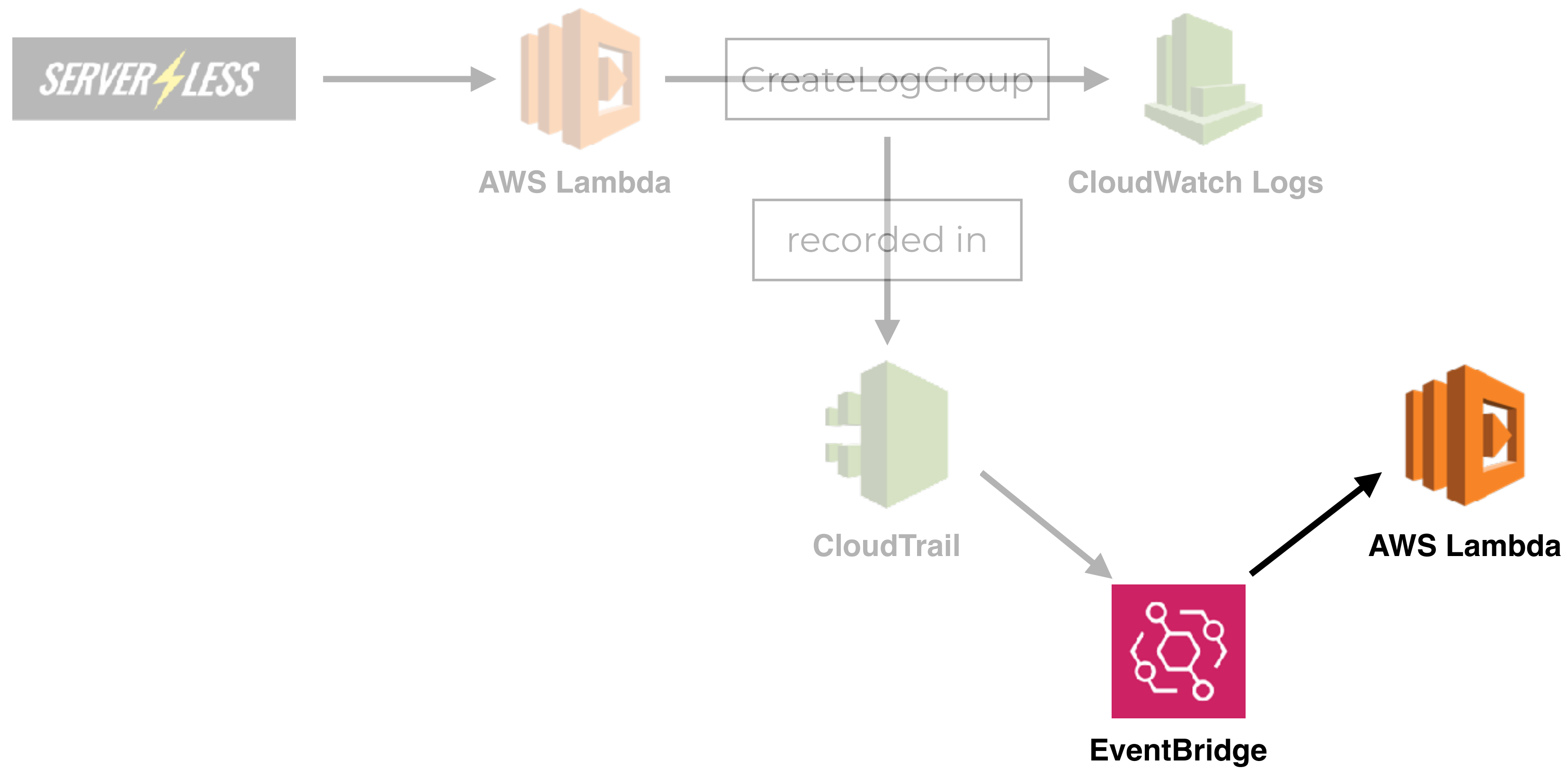
[Configuring Advanced Settings for Your Trail](#)

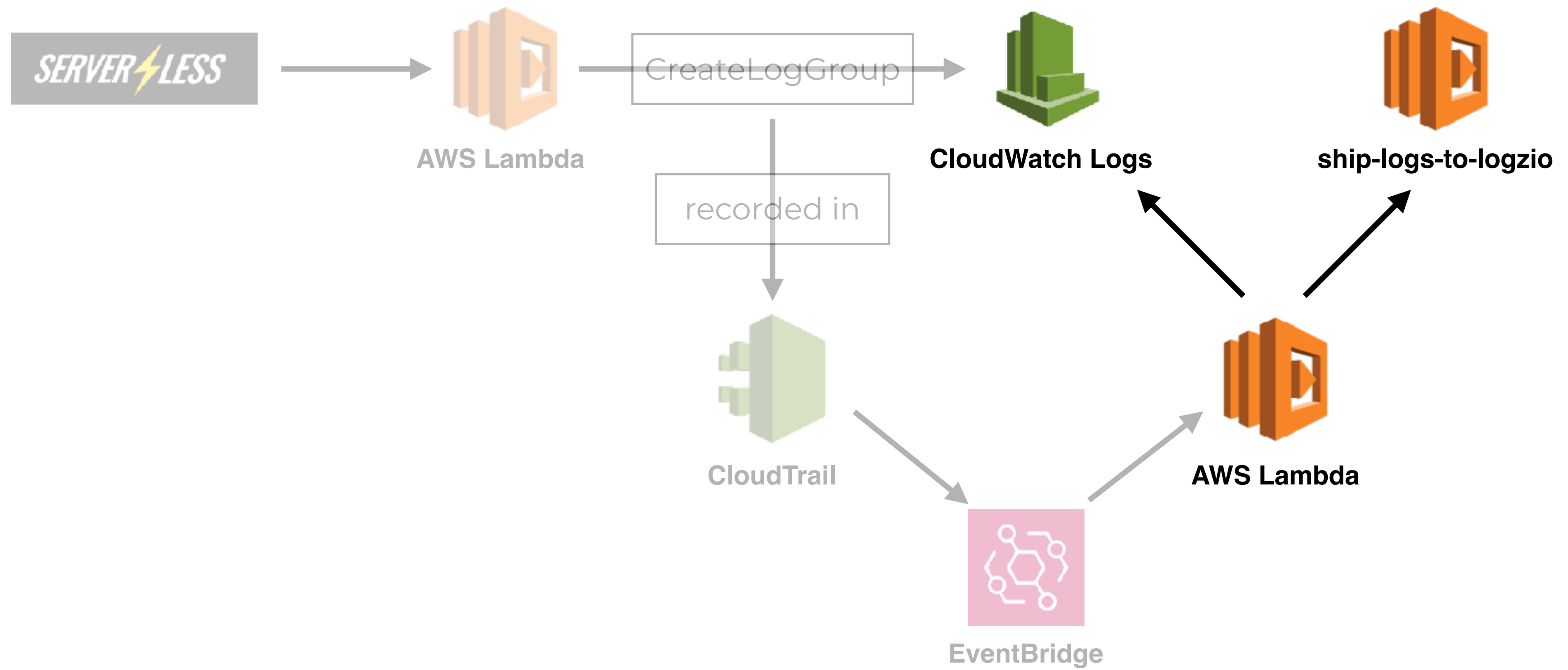
[Next Steps](#)

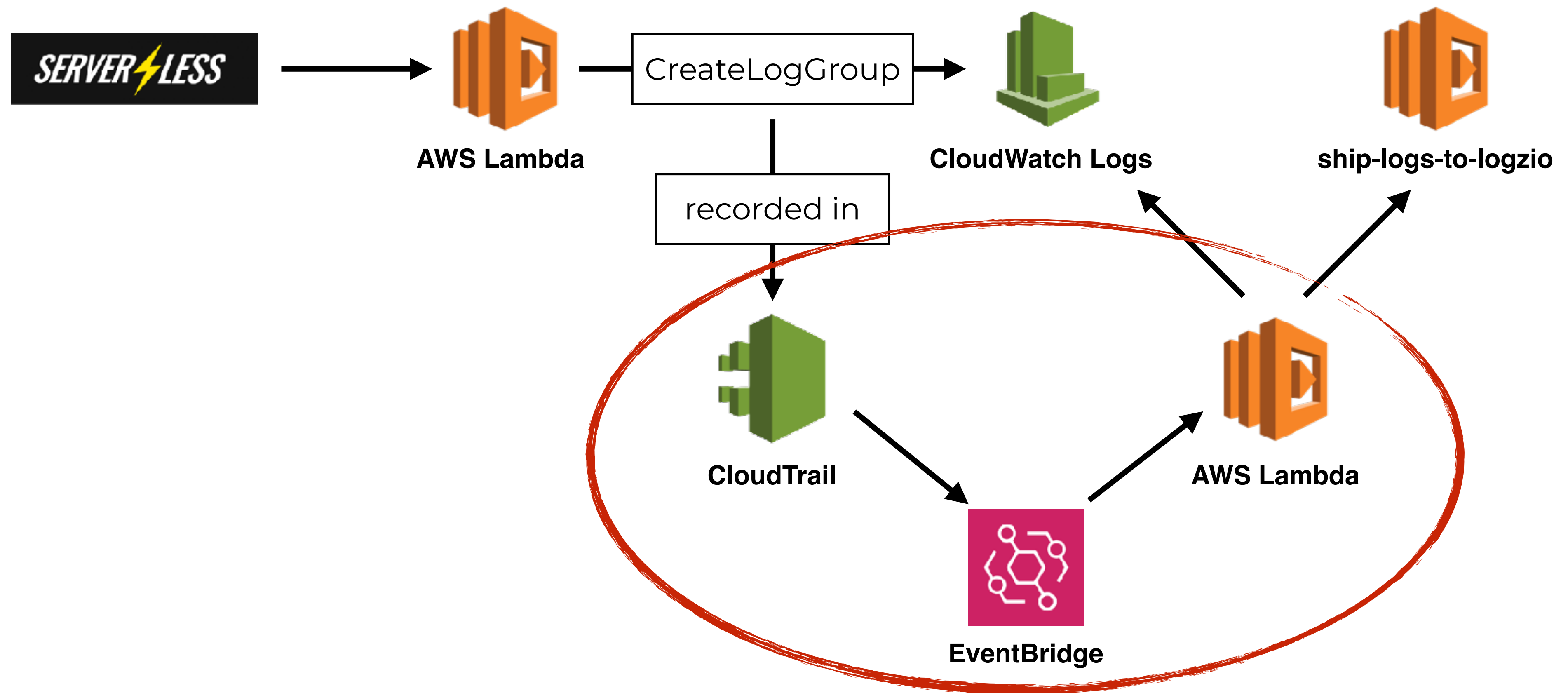
<https://amzn.to/2G5MRPH>











- CloudWatch
- Dashboards
- Alarms
- ALARM
- INSUFFICIENT
- OK
- Billing
- Logs
- Log groups
- Insights
- Metrics
- Events
- Rules
- Event Buses
- ServiceLens
- Service Map
- Traces
- Container Insights
- BETA
- Resources
- Performance Monitoring
- Synthetics
- NEW
- Canaries
- Contributor Insights
- Settings
- Favorites

CloudWatch > Log Groups

Create Metric Filter

Actions

Filter: Log Group Name Prefix

Log Groups

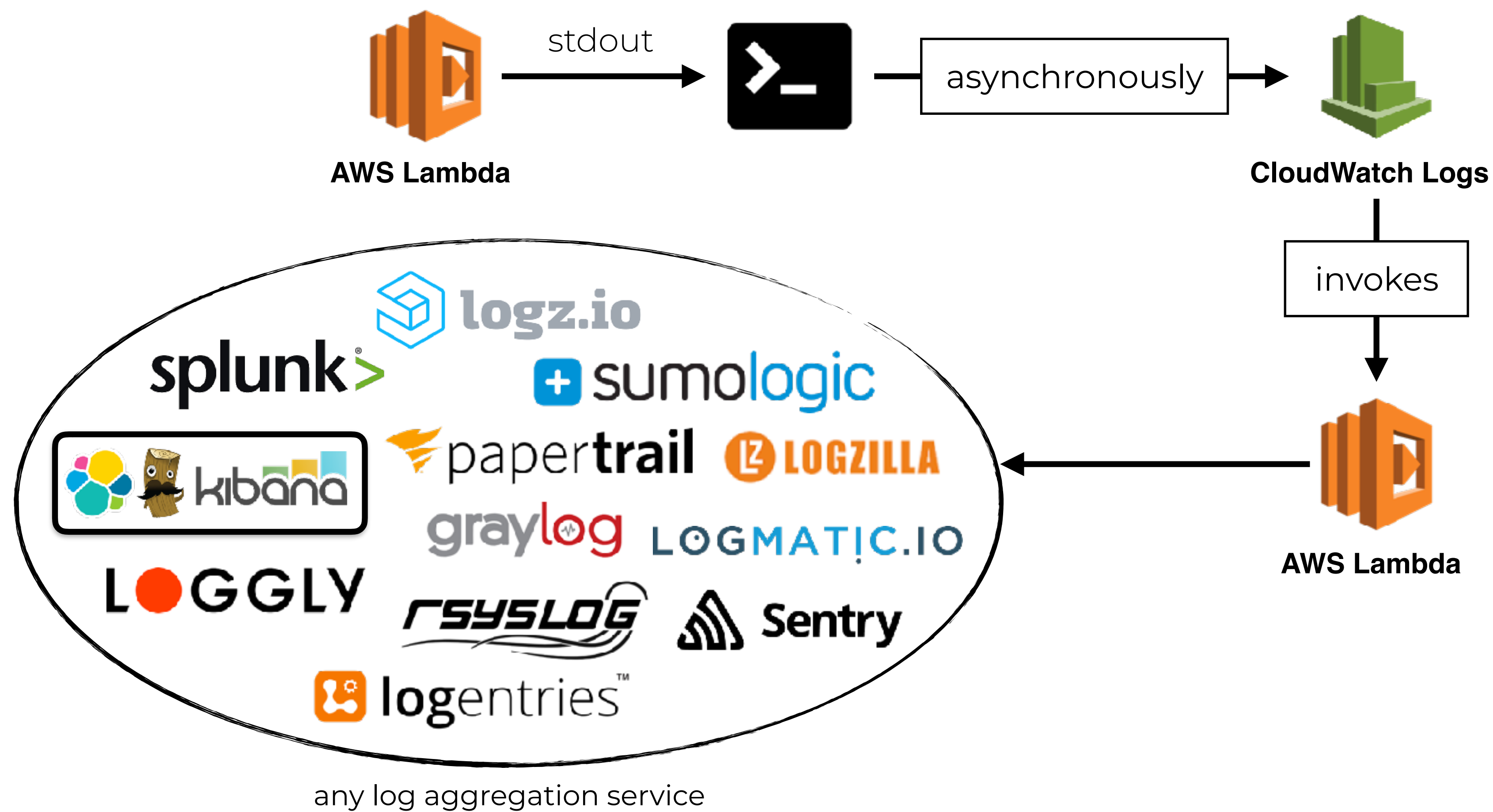
Insights

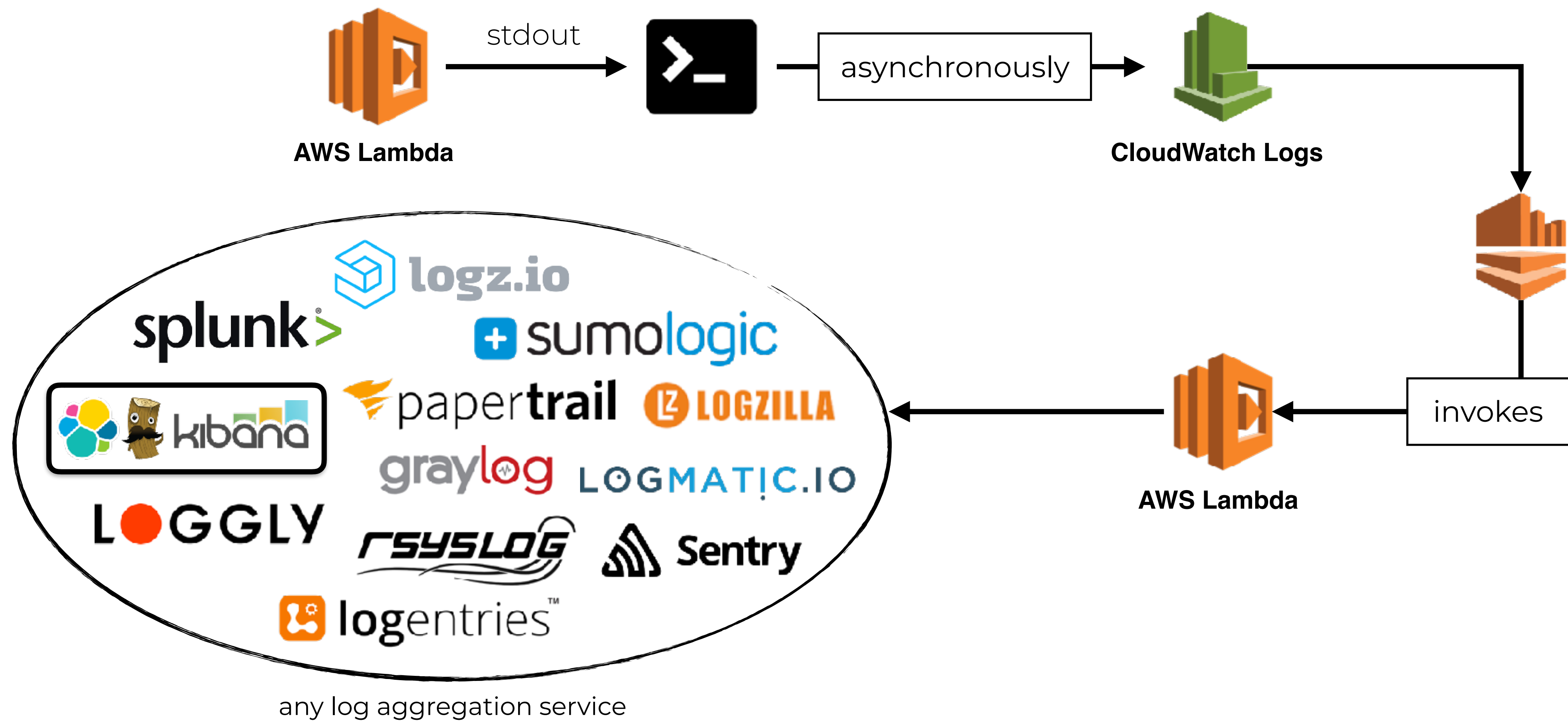
Expire Events After

Metric Filters

Subscriptions

<input type="radio"/>	/aws-glue/crawlers	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/appsync/apis/wtcc6k7venhidki3o6fithjvxy	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/appsync/apis/z22qckcyunb7fisllylmhcgoiq	Explore	Never Expire	0 filters	None
<input checked="" type="radio"/>	/aws/lambda/graphql-api-dev-acceptJoinRequest	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-acceptLetsPlayRequest	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-addActivity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-askToJoin	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-cleanupExpiredActivities	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-createProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-createUniversity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-deleteActivity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-deleteProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-downloadCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-findMyCoach	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMembers	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMemberships	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getActivityMessages	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getCmsUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getProfile	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getQrCodeStats	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getSportByActivityId	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-getUploadUrl	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-heyLetsPlay	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-kickActivityMember	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-leaveActivity	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-listCmsProfiles	Explore	Never Expire	0 filters	None
<input type="radio"/>	/aws/lambda/graphql-api-dev-rejectJoinRequest	Explore	Never Expire	0 filters	None





serverless-plugin-log-subscription

1.2.0 • Public • Published 2 years ago

Readme

Explore BETA

0 Dependencies

0 Dependents

6 Versions

serverless-plugin-log-subscription

This plugin adds an `AWS::Logs::LogSubscription` for each of your Lambda functions when enabled.

Log subscriptions are used to deliver your CloudWatch Logs to a Kinesis stream for futher processing - such as indexing them in a Elasticsearch for 'centralized logging';

Configuration

Configuration happens both 'globally' (via `custom.logSubscription`) and also at the function level (via `function.yourFunction.logSubscription`)

`enabled` - whether or not log subscriptions are enabled. defaults to false globally, if set to true it will be on for all functions (unless they set to false)

`destinationArn` (required) - the arn of the CloudWatch Destination (you create this resource yourself)

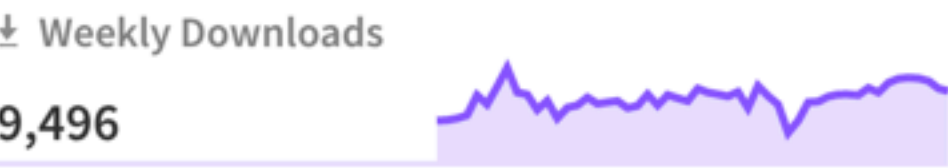
`roleArn` (optional) - the arn of the IAM role granting logs permission to put to Destination (you create this resource yourself)

`filterPattern` (optional) if specified, it will only forward logs matching this pattern. You can do simple token matching, or JSON matching (e.g. `{ $.level >= 30 }` to match a bunyan level)

Examples

Install

```
> npm i serverless-plugin-log-subscription
```



Version	License
1.2.0	MIT

Unpacked Size	Total Files
7.56 kB	5

Issues	Pull Requests
3	4

Homepage
[github.com/dougmoscrop/serverless-pl...](#)

Repository
[github.com/dougmoscrop/serverless-pl...](#)

Last publish
2 years ago

serverless-plugin-log-retention

2.0.0 • Public • Published 9 months ago

Readme

Explore BETA

2 Dependencies

0 Dependents

5 Versions

serverless-plugin-log-retention

Control the retention of your serverless function's cloudwatch logs.

Usage example

serverless.yml

```
service: sample

plugins:
  - serverless-plugin-log-retention

provider:
  name: aws

custom:
  logRetentionInDays: 30 # used to set a global value for all functions

functions:
  function1:
  function2:
    logRetentionInDays: 10 # set the retention for specific log group
```

Install

```
> npm i serverless-plugin-log-retention
```

Weekly Downloads

3,839



Version	License
2.0.0	MIT
Unpacked Size	Total Files
7.16 kB	6
Issues	Pull Requests
0	0

Homepage

github.com/ArtificerEntertainment/serv...

Repository

github.com/ArtificerEntertainment/serv...

Last publish

9 months ago

Where Serverless plugin stops and platform starts

[AWS, Lambda, Programming, Serverless / October 14, 2019](#)

You can become a serverless blackbelt. Enrol to my **4-week** online workshop [Production-Ready Serverless](#) and gain hands-on experience building something from scratch using serverless technologies. At the end of the workshop, you should have a broader view of the challenges you will face as your serverless architecture matures and expands. You should also have a firm grasp on when serverless is a good fit for your system as well as common pitfalls you need to avoid.



I'm a long-time user of the [Serverless framework](#) and a big fan of its plugin system. It offers tremendous flexibility and there exists a rich ecosystem of community-driven plugins. It's easily the Serverless framework's greatest strength and the reason why I keep going back to it.

However, I have observed a common pattern where customers would overextend the use of plugins. A typical example is using plugins to manage log subscriptions for log aggregation.

Centralised logging is a "centralised decision" that applies to all your serverless projects. What logging service do you use? How do you ship the logs from CloudWatch to that service? Do you [use Lambda directly](#) or [proxy through a Kinesis stream](#) first?

Executing this decision at the project level has some problems:

- Copy-and-paste configuration in every `serverless.yml`. It's laborious and difficult to enforce consistency in a large organization.
- It's difficult and risky to change that decision later. You'd need to do a coordinated rollout of every project to every environment.

<https://bit.ly/3dPz2We>

auto-subscribe-log-group-to-arn

⚠ Creates custom IAM roles or resource policies

Lumigo 

AWS verified author

<https://github.com/lumigo/SAR-Logging> 

 36 stars

 Deploy

208 deployments

Subscribes new and existing CloudWatch log groups to Lambda/Kinesis/Firehose by ARN.

Readme

License

Permissions

cloudwatch-logs-auto-subscribe

semver 1.11.1

License Apache 2.0

Subscribes **new and existing** CloudWatch log groups to Lambda/Kinesis/Firehose by ARN.

Deploying to your account (via the console)

Go to this [page](#) and click the Deploy button.

Deploying via SAM/Serverless framework/CloudFormation

To deploy this via SAM, you need something like this in the CloudFormation template:

AutoSubscribeLogGroups:

Type: AWS::Serverless::Application

Properties:

Location:

ApplicationId: arn:aws:serverlessrepo:us-east-1:374852340823:applications/auto-subscribe-log-group-to-arn

SemanticVersion: **<enter latest version>**

Parameters:

DestinationArn: **<ARN to Lambda/Kinesis>**

Prefix: **<optional, used to target log groups>**

Tags: **<optional, used to target log groups>**

TagsMode: **<optional, AND or OR, defaults to OR>**

<https://amzn.to/2DnREgn>

auto-set-log-group-retention

 Creates custom IAM roles or resource policies

Lumigo 

AWS verified author

<https://github.com/lumigo/SAR-Logging> 

 36 stars

 Deploy

68 deployments

Updates the retention policy for new and existing CloudWatch log groups to the specified number of days.

Readme

License

Permissions

cloudwatch-logs-auto-set-retention

semver 1.4.0

License Apache 2.0

Updates the retention policy for **new and existing** CloudWatch log groups to the specified number of days.

Deploying to your account (via the console)

Go to this [page](#) and click the Deploy button.

Deploying via SAM/Serverless framework/CloudFormation

To deploy this via SAM, you need something like this in the CloudFormation template:

AutoSetLogRetention:

Type: AWS::Serverless::Application

Properties:

Location:

ApplicationId: arn:aws:serverlessrepo:us-east-1:374852340823:applications/auto-set-log-group-retention

SemanticVersion: **<enter latest version>**

Parameters:

RetentionDays: **<defaults to 7>**

To do the same via CloudFormation or the Serverless framework, you need to first add the following Transform:

Transform: AWS::Serverless-2016-10-31

<https://amzn.to/2uZYmEw>