Services → Cloud Formation → Create New Stack

CloudFormation ˅ | Stacks › Create Stack

Create stack

- **Select Template**
- Specify Details
- Options
- Review

Select Template

Select the template that describes the stack that you want to create. A stack is a group of related resources that you manage as a single unit.

Design a template   Use AWS CloudFormation Designer to create or modify an existing template. Learn more.

[Design template]

Choose a template   A template is a JSON/YAML-formatted text file that describes your stack's resources and their properties. Learn more.

○ Select a sample template

[_____▷_____] ⇕

○ Upload a template to Amazon S3

[Choose file] No file chosen

⦿ Specify an Amazon S3 template URL

[https://s3.amazonaws.com/kinesis-demo-bucket/amazon-kinesis-data-visualizati] View/Edit template in Designer

Cancel   [↻ Next]

CloudFormation ˅ | Stacks › Create Stack

Create stack

- Select Template
- **Specify Details**
- Options
- Review

Specify Details

Specify a stack name and parameter values. You can use or change the default parameter values, which are defined in the AWS CloudFormation template. Learn more.

Stack name   [MyKinesisStack]

Parameters

ApplicationArchive   [https://github.com/awslabs/amazon-kinesis-c] A publicly accessible URL to the sample application archive as produced by 'mvn package'

InstanceType   [t2.micro ⇕] EC2 instance type

KeyName   [_____] (Optional) Name of an existing EC2 KeyPair to enable SSH access to the instance. If this is not provided you will not be able to SSH on to the EC2 instance.

SSHLocation   [0.0.0.0/0] The IP address range that can be used to SSH to the EC2 instances

Cancel   [Previous]   [Next]

Create stack

Options

Tags

You can specify tags (key-value pairs) for resources in your stack. You can add up to 50 unique key-value pairs for each stack. Learn more.

	Key (127 characters maximum)	Value (255 characters maximum)	
1			+

Permissions

You can choose an IAM role that CloudFormation uses to create, modify, or delete resources in the stack. If you don't choose a role, CloudFormation uses the permissions defined in your account. Learn more.

IAM Role   Choose a role (optional)
Enter role arn

▶ Advanced

You can set additional options for your stack, like notification options and a stack policy. Learn more.

Cancel   Previous   Next

Details

Stack name   MyKinesisStack

ApplicationArchive   https://github.com/awslabs/amazon-kinesis-data-visualization-sample/releases/download/v1.1.1/amazon-kinesis-data-visualization-sample-1.1.1-assembly.zip
InstanceType   t2.micro
KeyName
SSHLocation   0.0.0.0/0

Options

Tags

No tags provided

Advanced

Notification
Timeout   none
Rollback on failure   Yes

Capabilities

ℹ The following resource(s) require capabilities: [AWS::IAM::Role]

This template contains Identity and Access Management (IAM) resources that might provide entities access to make changes to your AWS account. Check that you want to create each of these resources and that they have the minimum required permissions. Learn more.

☑ **I acknowledge that AWS CloudFormation might create IAM resources.**

Cancel   Previous   Create

Create Stack ▾   Actions ▾   Design template   C ⚙

Filter: Active ▾   By Stack Name   Showing 1 stack

	Stack Name	Created Time	Status	Description
☑	MyKinesisStack	2017-03-05 11:05:23 UTC-0800	CREATE_COMPLETE	The Amazon Kinesis Data Visualization Sample Application

Overview   **Outputs**   Resources   Events   Template   Parameters   Tags   Stack Policy   Change Sets

Key	Value	Description	Export Name
CountsTable	MyKinesisStack-CountsDynamoDBTable-SL17WR0RAYI9	The name of the DynamoDB table where counts are per…	
StreamName	MyKinesisStack-KinesisStream-X4K6M22B85FQ	The name of the Kinesis Stream. This was autogenerate…	
ApplicationName	MyKinesisStack-KCLDynamoDBTable-XL26W4AIE8NV	The name of the Kinesis Client Application. This was aut…	
InstanceId	i-0f44a6b6000e3397b	InstanceId of the newly created EC2 instance	
AZ	us-east-1c	Availability Zone of the newly created EC2 instance	
URL	http://ec2-34-200-106-156.compute-1.amazonaws.com	URL to the sample application's visualization	
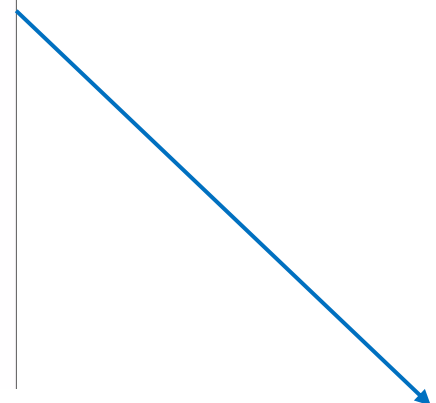
This graph displays the last 120 seconds of counts as calculated by the Amazon Kinesis Data Visualization Sample Application.
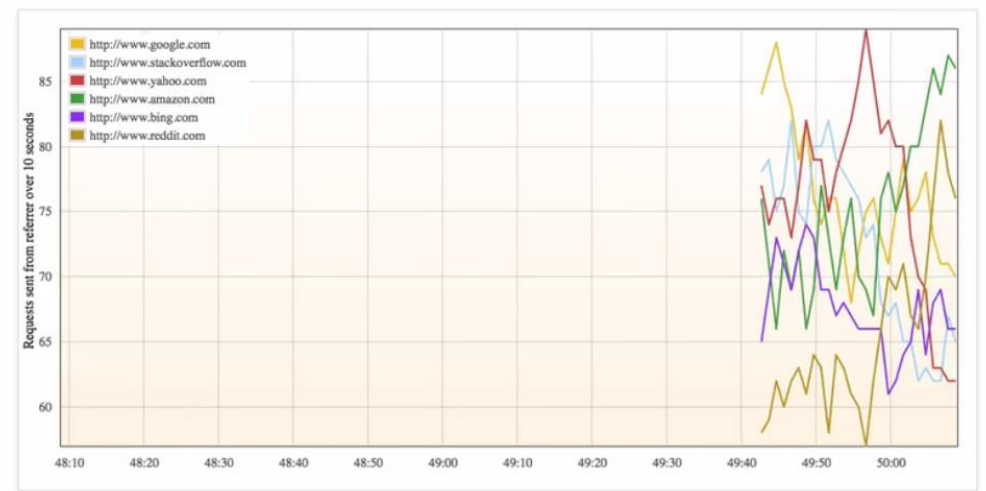
Top 3 referrers by counts (Updated every 2000ms):

http://www.google.com	2064
http://www.yahoo.com	2052
http://www.amazon.com	2027

Data last updated by: ip-172-31-21-67

EC2 instance Running

	Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP	IPv6 IPs
☑		i-0f44a6b6000e3397b	t2.micro	us-east-1c	🟢 running	✅ 2/2 checks ...	None	ec2-34-200-106-156.co...	34.200.106.156	-

Launch Instance Connect Actions ∨

Filter by tags and attributes or search by keyword   1 to 1 of 1

Services → Analytics → Kinesis

MyKinesisStack-KinesisStream-X4K6M22B85FQ

Delete stream

Details　**Monitoring**　**Tags**

Time range: Last hour ▾　Statistic: Average　Period: 1 minute ▾　⟳　❓

Get Records (bytes)

4.0M ————————————————————————

3.0M

2.0M

1.0M

0.0
    11:00 11:15 11:30 11:45
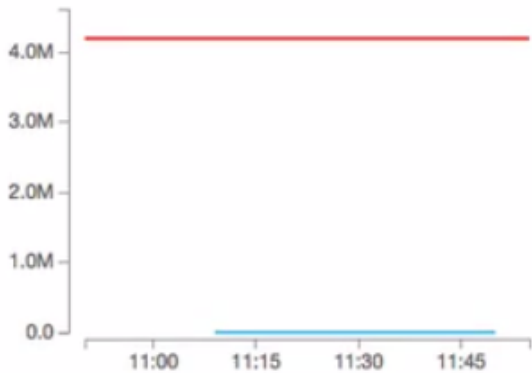
Get Records Iterator Age (ms)

1.0

0.5

0.0
    11:00 11:15 11:30 11:45

Get Records Latency (ms)

14.0

13.0

12.0

11.0

10.0

9.0
    11:00 11:15 11:30 11:45
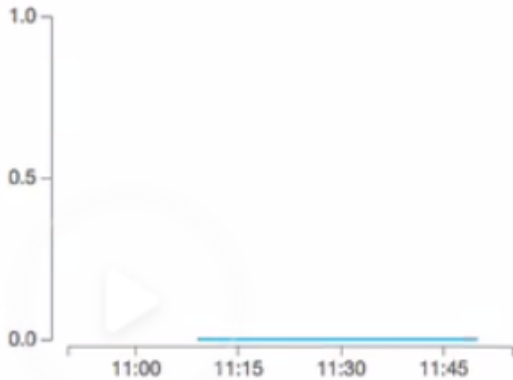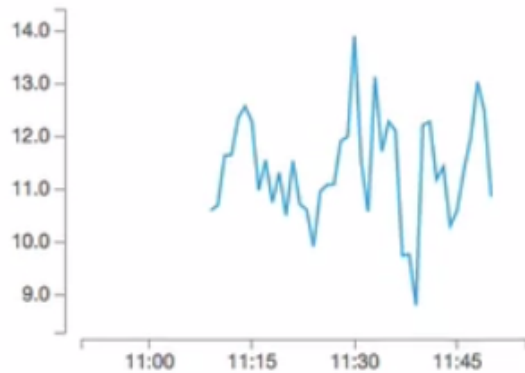
Get Records (records/second)

30.0

28.0

26.0

24.0
    11:00 11:15 11:30 11:45

Get Records (success count)

2.0

1.5

1.0

0.5

0.0
    11:00 11:15 11:30 11:45

Incoming Data (bytes)

2.0M ————————————————————————

1.5M

1.0M

500.0k

0.0
    11:00 11:15 11:30 11:45
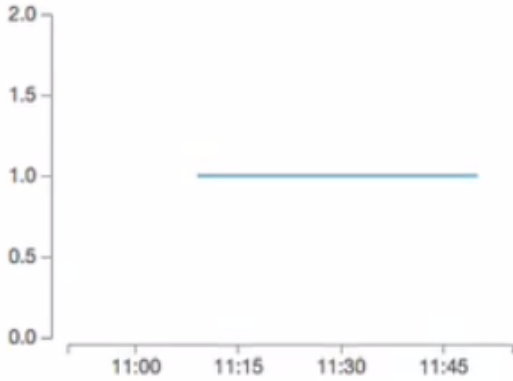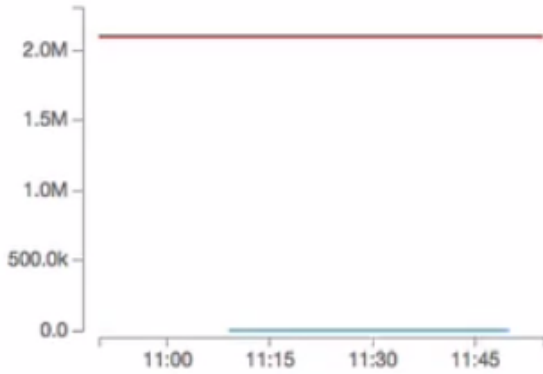
Incoming Data (record count)　　**Put Record (bytes)**　　**Put Record Latency (ms)**

Services → DynamoDB

Create Stack ⌄

Actions ⌄

Design template

↻   ⚙

Create Change Set For Current Stack

Filter: Active ⌄   B

Showing 1 stack

Update Stack

Stack Name			Status	Description
Delete Stack				
☑ MyKinesisStack		300	CREATE_COMPLETE	The Amazon Kinesis Data Visualization Sample Application
View/Edit template in Designer				