

Lab 1

Elastic Cloud Setup

Sign up for the Elastic Cloud Trial

Go to <https://cloud.elastic.co>



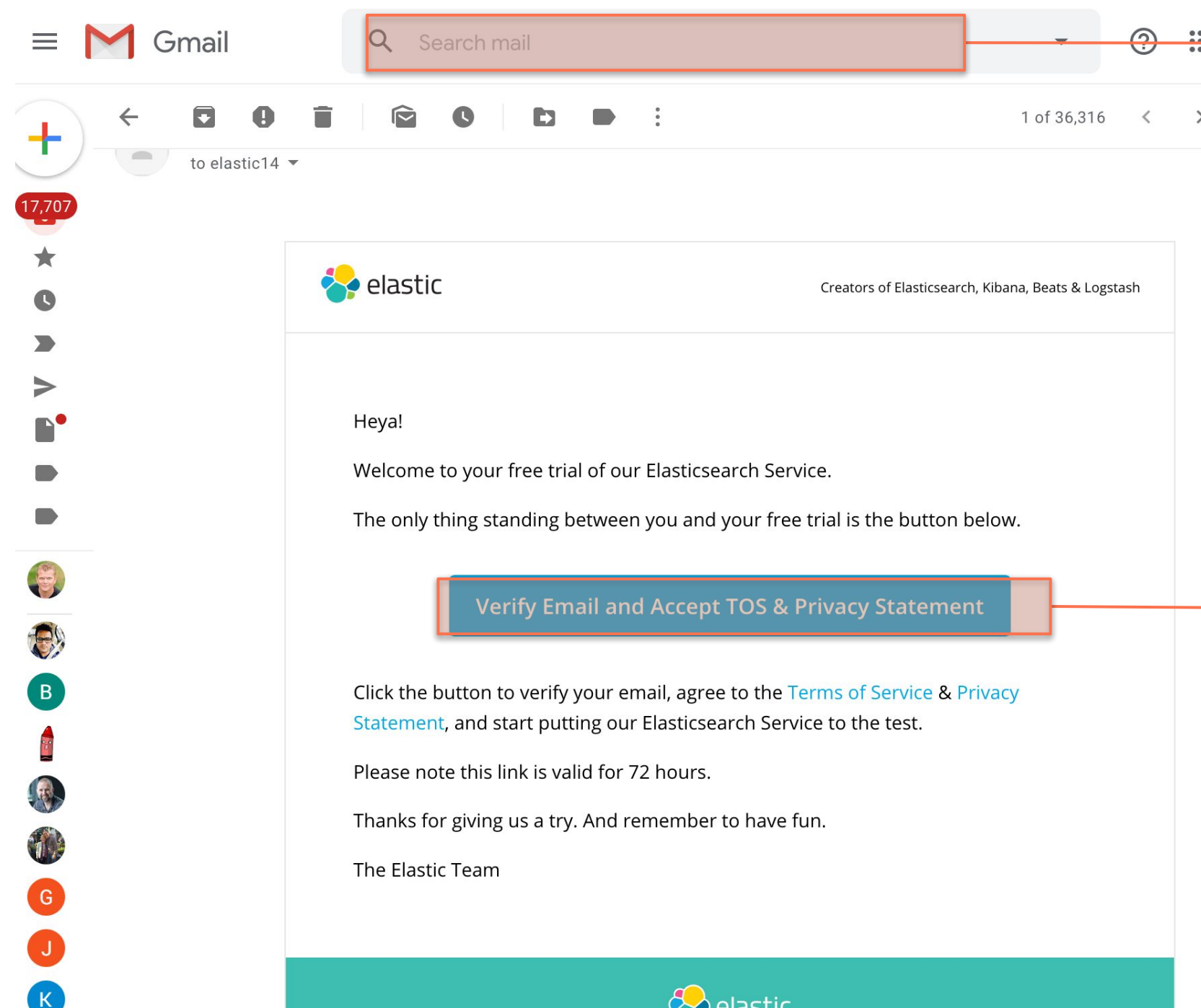
The screenshot shows the Elastic Cloud sign-up page. At the top left is the Elastic Cloud logo. The main heading is "Deploy Elasticsearch in 3 Minutes or Less". Below this, it says "14-day trial. All free. No credit card required." There is a light blue input field containing the email "kent@elastic.co" and a dark blue button labeled "Start Free Trial". A red line connects the email field to annotation 1, and another red line connects the button to annotation 2.

1 Enter your business email (no credit card is required)

2 Select 'Start Free Trial'

Cloud Account Validation

Verify Email



1 Find message with the Subject: **'[Action Required] It Worked! Your Elasticsearch Service Trial Awaits.'**

2 Select the 'Verify Email...' link

Set Password

After the password is set, you will automatically be logged in

The screenshot shows the 'Welcome to Elastic Cloud' password setup page. It features two password input fields, each with a lock icon on the left. The first field is labeled 'Password' and the second is labeled 'Repeat password'. A blue button at the bottom is labeled 'Set password'. Two red lines with circular markers containing the numbers '1' and '2' point to the first and second input fields, respectively.

Welcome to Elastic Cloud

Password

Repeat password


Set password

1 Create a strong password

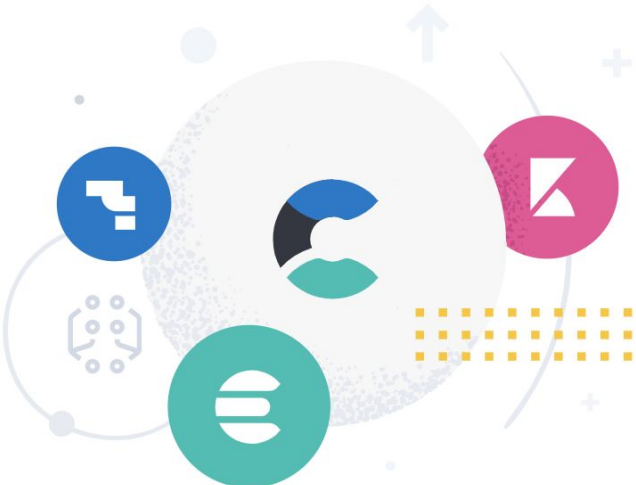
2 Repeat strong password

Create Your Elastic Cloud Deployment

Name Your Deployment

 Welcome to your 14-day trial!
Enjoy your free deployment with the latest Elasticsearch and Kibana versions, security features, machine learning, and much more. It's all on us. If you enjoy Elastic Cloud, add a credit card to keep going for as long as you like.

Deployments



Create your first deployment

Deployments help you manage the Elasticsearch cluster and other Elastic products, like a Kibana or APM instance, in one place. Spin up, scale, upgrade, and delete all from a deployment.

Create deployment

1 Select 'Create deployment'

2 Name your deployment (e.g, 'workshop')

Create deployment

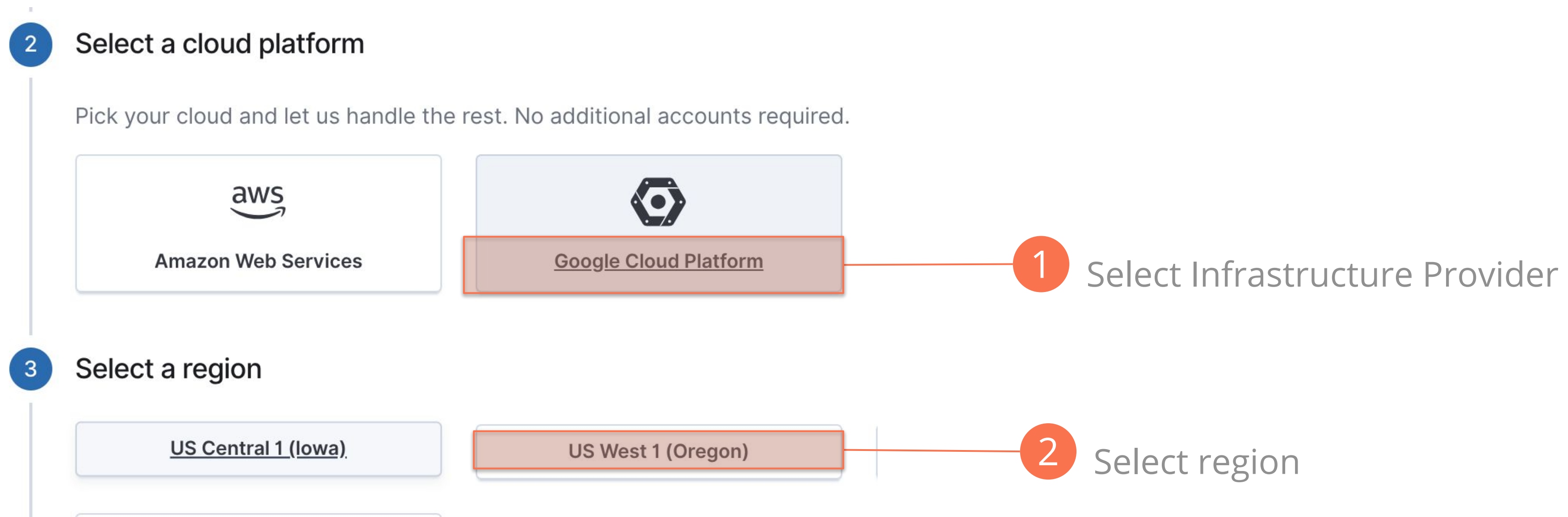
1 Name your deployment

Give your deployment a name

workshop

Deployment Options

Choose a Cloud Platform and a Region



Deployment options

Set Stack Version and Deployment Template

4 Set up your deployment

Elastic Stack version

7.3.0 [Edit](#)

☐ Select a deployment to restore from its latest snapshot

Monitoring

☐ Enable monitoring by shipping metrics to a deployment

5 Optimize your deployment

I/O Optimized

Recommended

Use for search and general all-purpose workloads. Includes a balance of compute, memory, and storage. Default specs

Compute

Run CPU-inte or run sma cost-effect need less sti Defa

Elastic Cloud supports many more options to cater to for analytics etc. [Learn more ...](#)

✓ Deployment pricing

Free! As part of your 14-day trial, you can try it out wit card details or contact sales@elastic.co.

✓ Create deployment

[Customize deployment](#)

1 The version of the Elastic Stack to be deployed

2 Select 'I/O Optimized'

3 Select 'Customize Deployment'

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Customize Deployment

Enable Machine Learning

Machine Learning

1 configuration

gcp.ml.1

Machine Learning

An Elasticsearch machine learning instance.

Enable

Architecture

Zone 1

Zone 2

gcp.data.highio.1 (data)

4 GB RAM x 2, 120 GB storage x 2

gcp.kibana.1 (kibana)

1 GB RAM x 1

gcp.ml.1 (ml)

1 GB RAM x 1

gcp.apm.1 (apm)

512 MB RAM x 1

3 zones

1 GB

2 GB

4 GB

8 GB

Instances

×

1

=

512 MB

RAM per Zone

1 zone

×

=

512 MB RAM

< Select template

✓ Create deployment

1

Select 'Enable' in the Machine Learning configuration

2

Review 'Architecture summary'

3

Select 'Create deployment'

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Cluster Password

Save the password

workshop

Activity



Your deployment is being created

Estimated time is 3 minutes

Save your Elasticsearch and Kibana password

These credentials provide superuser access to Elasticsearch and Kibana

Username

elastic

Password

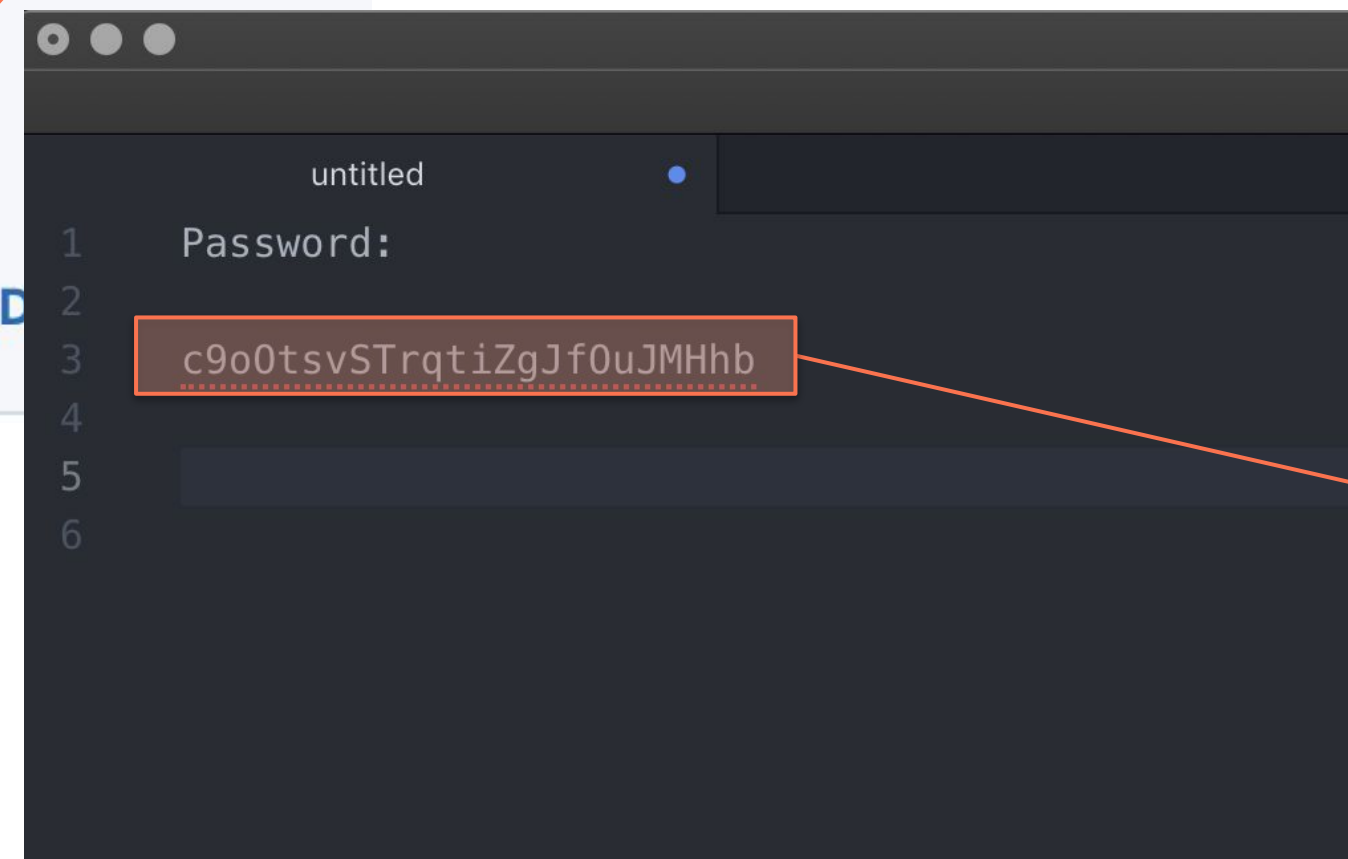
c9o0tsvSTrqtizGJf0uJMHhb

COPY

DOWNLOAD

1

Copy the generated password



2

Paste the password in a local text editor

Cloud ID

Save the Cloud ID

Deployments

workshop

Edit

Elasticsearch

Logs

Snapshots

API Console

Kibana

APM

Activity

Deployment name

workshop

Edit

Deployment status

Healthy

Deployment version

v7.3.0

Applications

Elasticsearch

Launch

Copy Endpoint URL

Kibana

Launch

Copy Endpoint URL

APM

Cloud ID

workshop : dXMtY2VudHJhbDEuZ2NwLmNsb3VhbnR1bWVzLm1vJGE
NzA5OGI2MDQ4YWI4NjY4MDg3MDY1NjBjJDhkMGQ3N2JiNGZmN
TRhMGI4NjdmYjBiZDgyYzczZTcx

Copy to clipboard

1

Select your newly-created deployment under deployments in the left navigation menu

2

Copy the Cloud ID to the clipboard

3

Paste the Cloud ID into a local text editor

untitled

1 Password:

2

3 c9o0tsvSTrqtizGjF0uJMHhb

4

5 Cloud ID:

6 workshop : dXMtY2VudHJhbDEuZ2NwLmNsb3VhbnR1bWVzLm1vJGE

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Launch Kibana

Setup complete, Time to launch Kibana

The screenshot displays the Elastic Cloud console interface. On the left, the 'Deployments' sidebar lists various services under the 'workshop' namespace. 'Kibana' is highlighted with a red box and labeled with a '1'. The main content area shows a confirmation message: 'Great work! Your deployment has been created. W'. Below this, a section titled 'Ingest and visualize data' provides instructions and a 'Launch Kibana' button, which is also highlighted with a red box and labeled with a '2'. At the bottom, a 'Kibana' entry shows a 'Launch' link and a 'Copy Endpoint URL' option.

1 Select 'Kibana' from left navigation menu

2 Select 'Launch Kibana'