Observability with Elastic Stack

Lab 1:
Create your Elastic Deployment

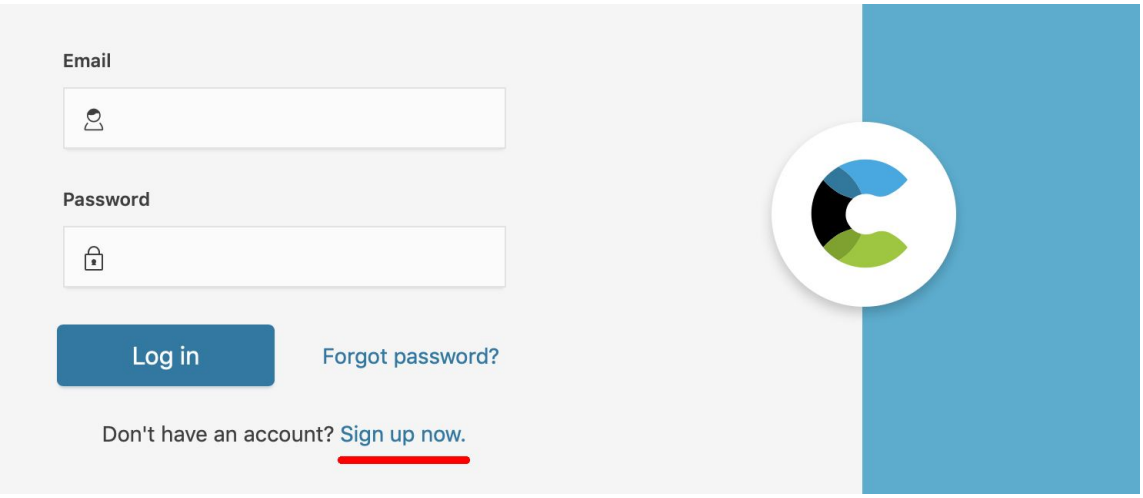
elastic

Introduction

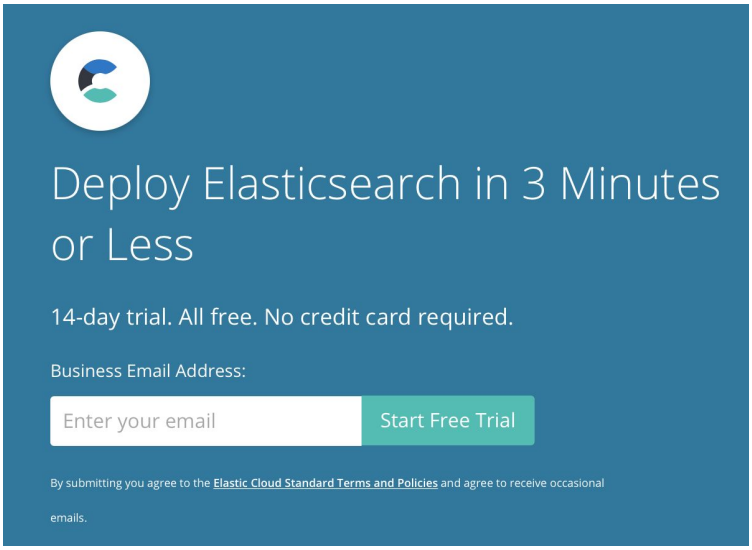
In this lab, you will create an Elastic Deployment on Elasticsearch Service. You will be signing up with Elastic Cloud trial account and create an Elastic deployment to use with the following labs. Elastic Cloud is a family of Elasticsearch powered SaaS offerings that make it easy to deploy, operate, and scale Elastic products and solutions in the cloud. For this workshop, we will be focusing on easy-to-use hosted and managed Elasticsearch Service.

Creating Elastic Deployment

1. Visit https://cloud.elastic.co and click “Sign up now”



2. Enter your business email (no credit card is required)



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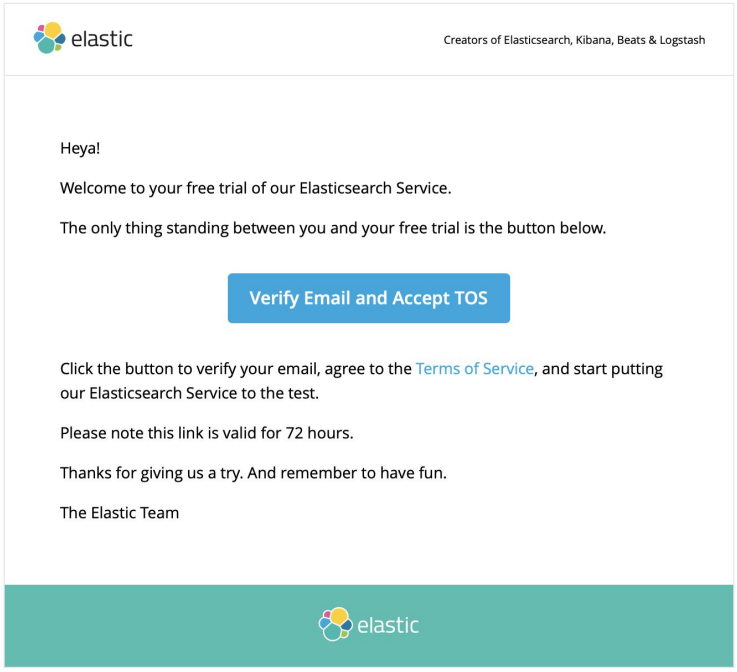
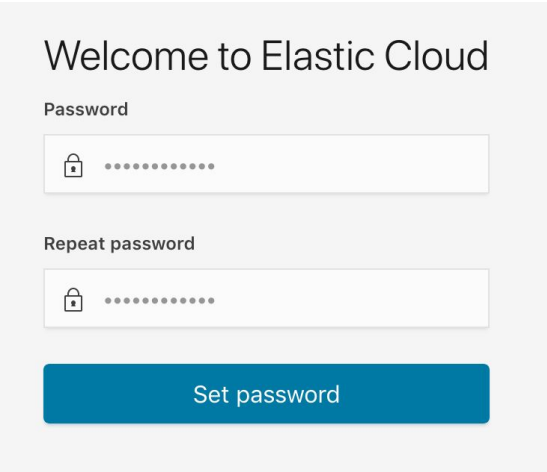
3. Check your email to verify your account. (sometimes it may take a few minutes before email shows up in inbox)



I don't see the email?

- Sometimes it may take a few minutes before the email shows up. Please check your Spam folder as well.
- Occasionally we have seen issues with browsers as well. Please try another browser on your machine if the email doesn't show up.
- Corporate email servers may block the email as well. Try with a non-corporate email.

4. Log in and create give your account a strong password.



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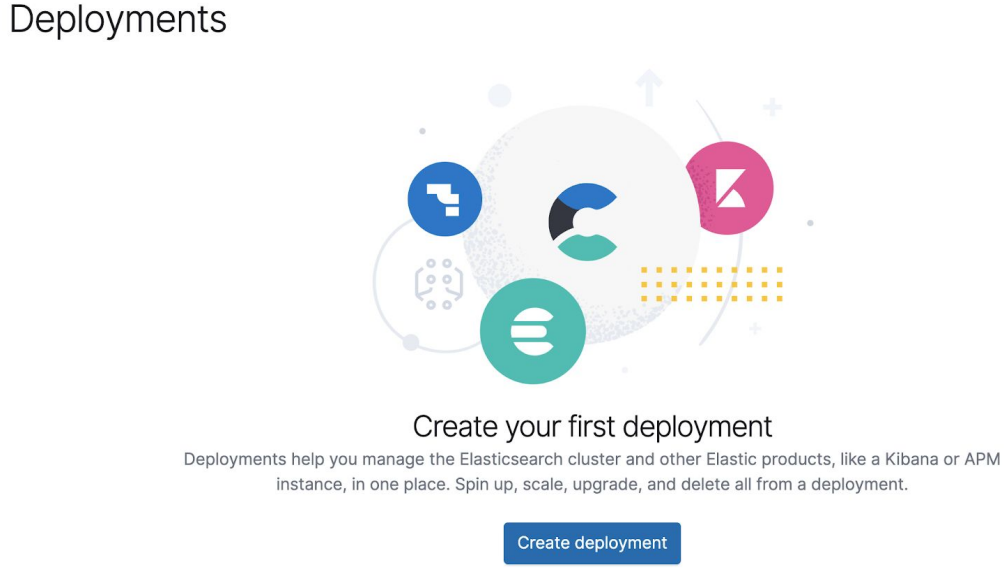
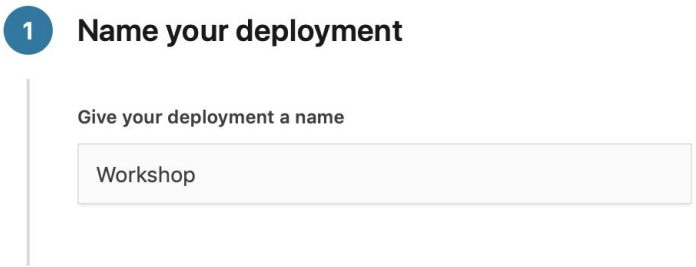
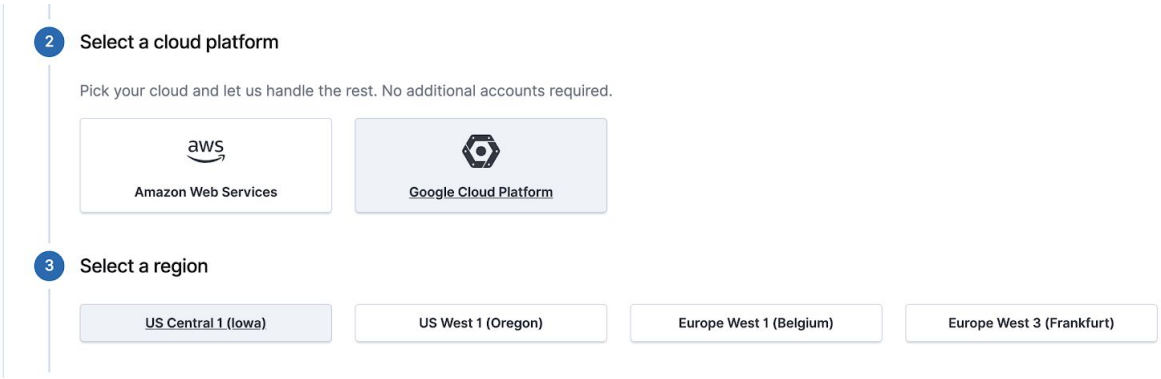
5. You should now be looking at the Welcome Screen for your trial account. Click **`Create deployment`**.



6. Give your deployment a name.



7. You have the choice here to pick the cloud platform and region of your choice. For the labs let the default region be the pick.



8. Pick the latest version of Elastic.

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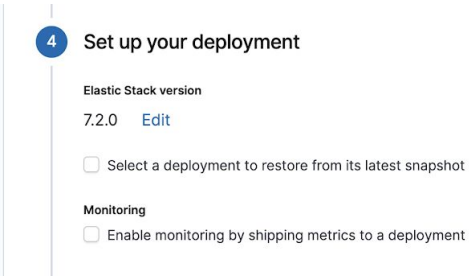
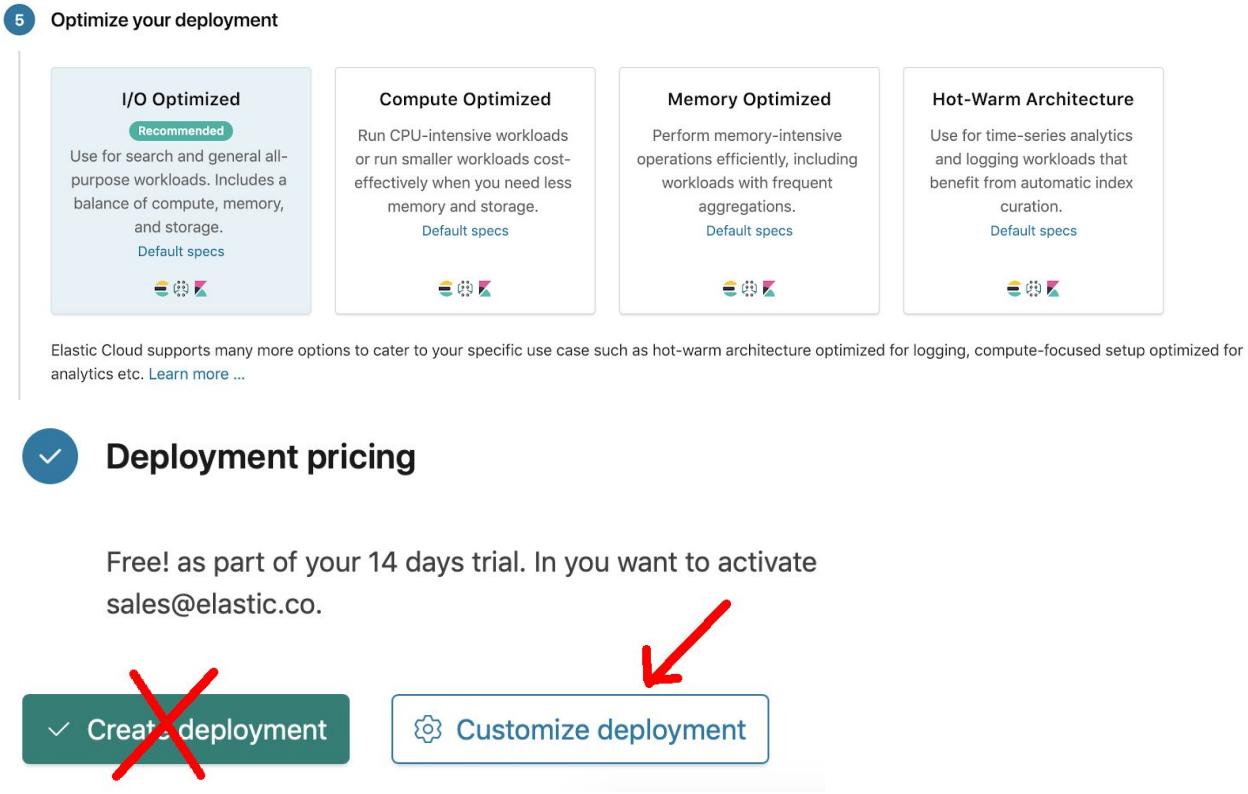


9. Select the **`I/O Optimized`** template and click **`Customize deployment`**. We want to make a few more changes before creating the deployment.



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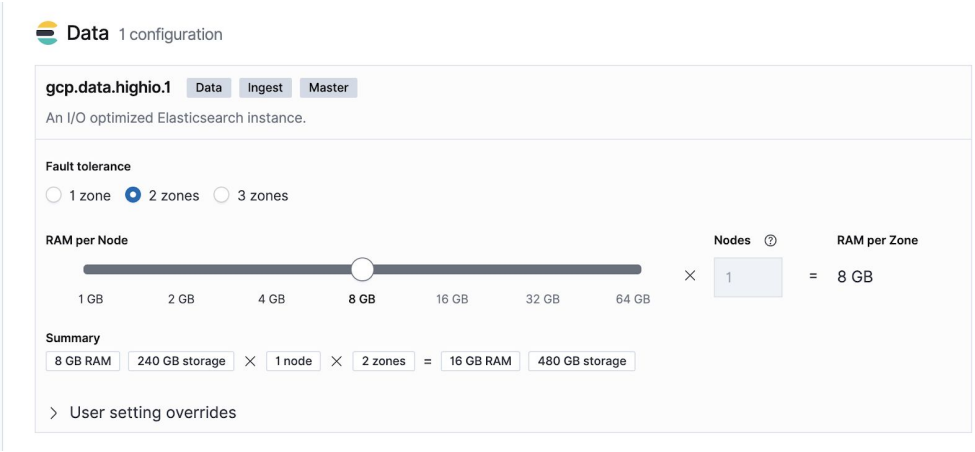
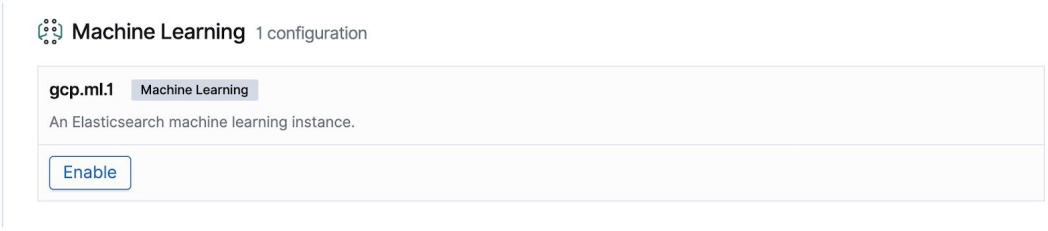
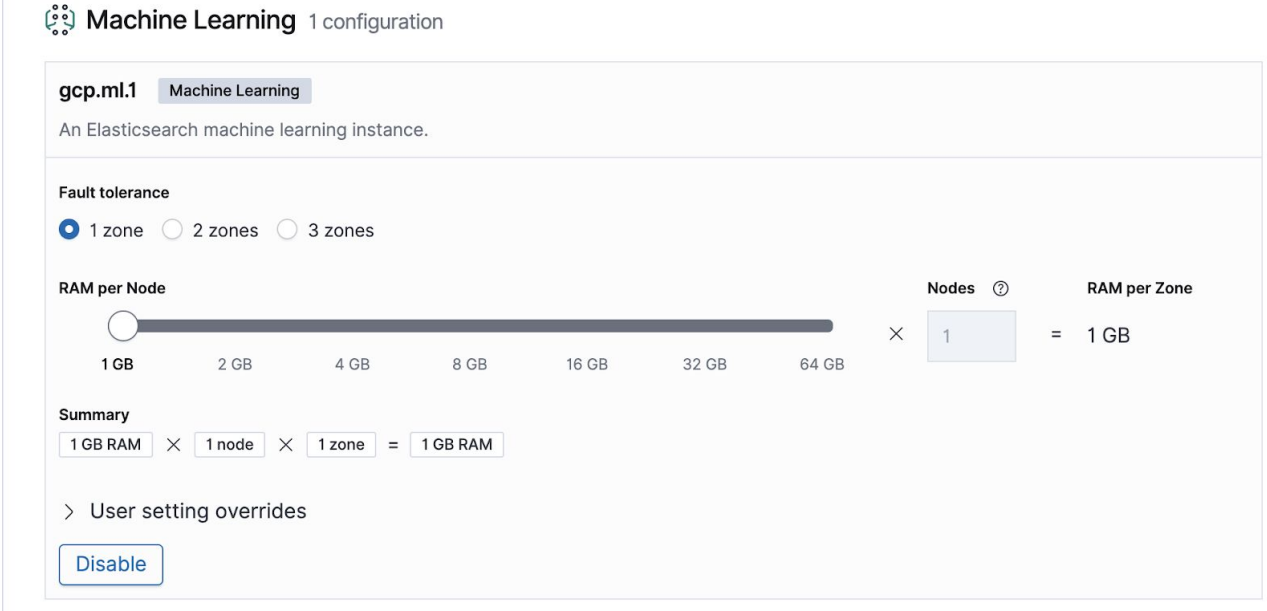
10. During the trial, you will not be able to change the size of the deployment. If this wasn't a trial account, changing the size of the ES nodes or the # of nodes is just a slider-away!



11. Enable **`Machine Learning`**.





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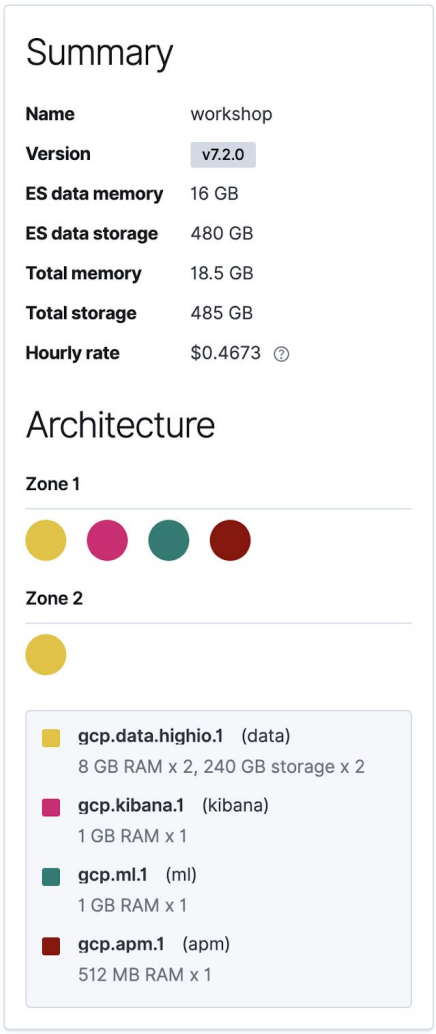
12. Your Deployment Architecture should look similar to this. Notice that APM server is part of the deployment and hosted for use as well.



13. Click **`Create Cluster`**. Your cluster will begin to spin up. It will take a few minutes to complete.

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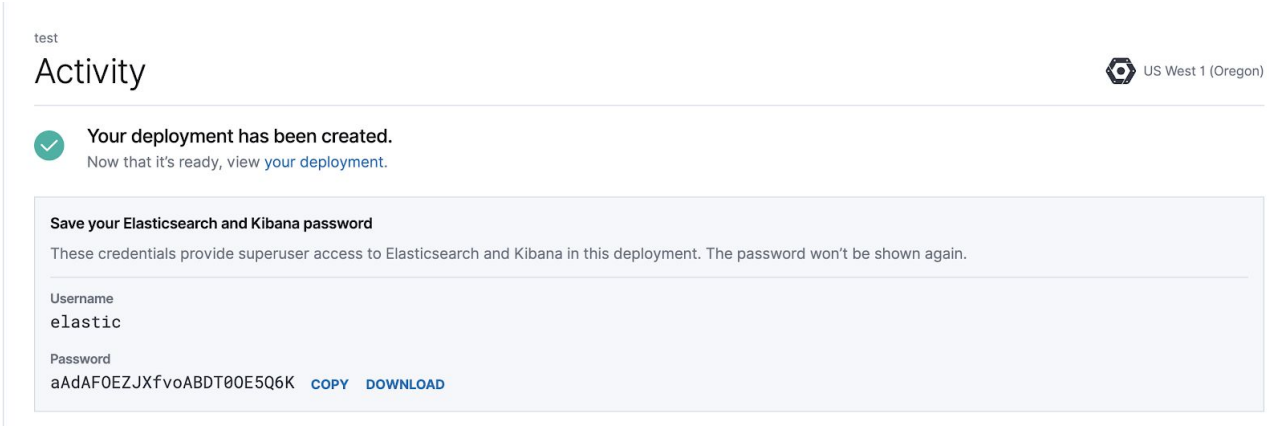
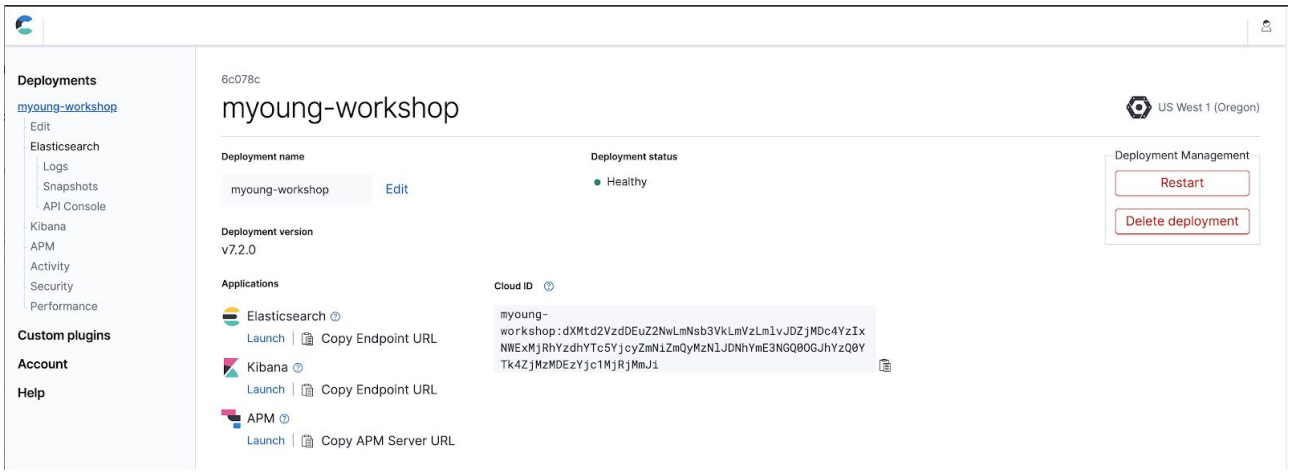
Make sure to copy the **Username** and **Password**.



14. Once the Deployment is created, select your deployment under **`Deployments`** from the navigation pane on the left. Scroll down to see all the information about your deployment at a single place. This is where you can find the URLs for Elasticsearch, Kibana, and APM.



Make sure to copy the **Cloud ID**. This is is visible via the **Elasticserach** link to the left.

Also, make sure to copy the **APM Server secret token**. This is is visible via the **APM** link to the left.

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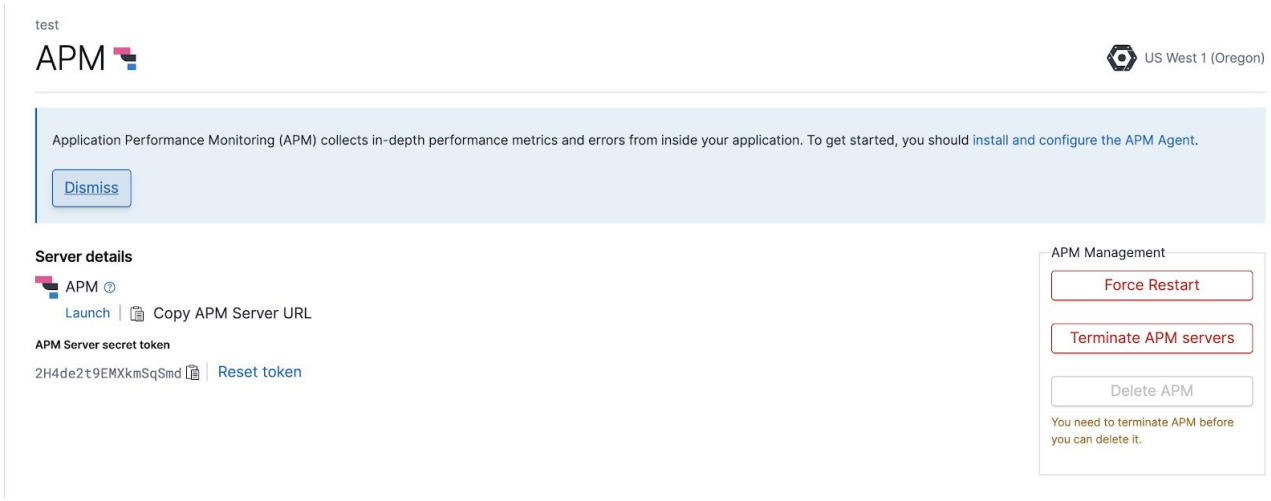
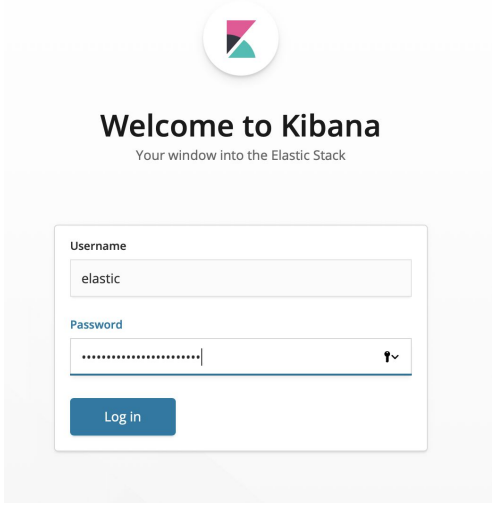
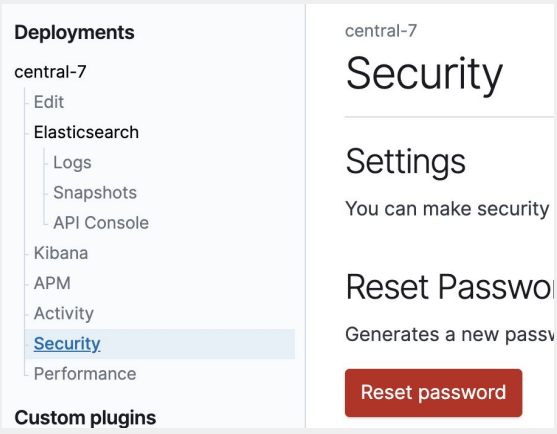


15. Click on **`Launch`** under Kibana to launch it in a new tab. Login with the username **`elastic`** and your password (this is the password you copied in **`Step 13)`**



If you forgot to copy your password when Elasticsearch Service deployment was created, you can always reset the password under your deployments from the Cloud Console - *cloud.elastic.co*



16. You are now in Kibana where you can click **`Try our sample data`**

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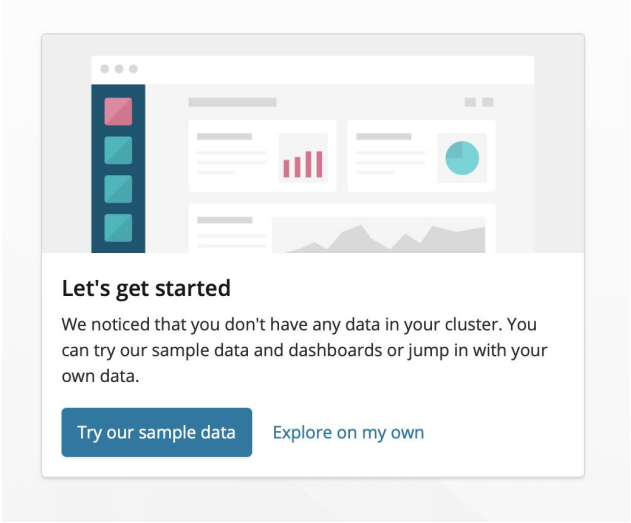

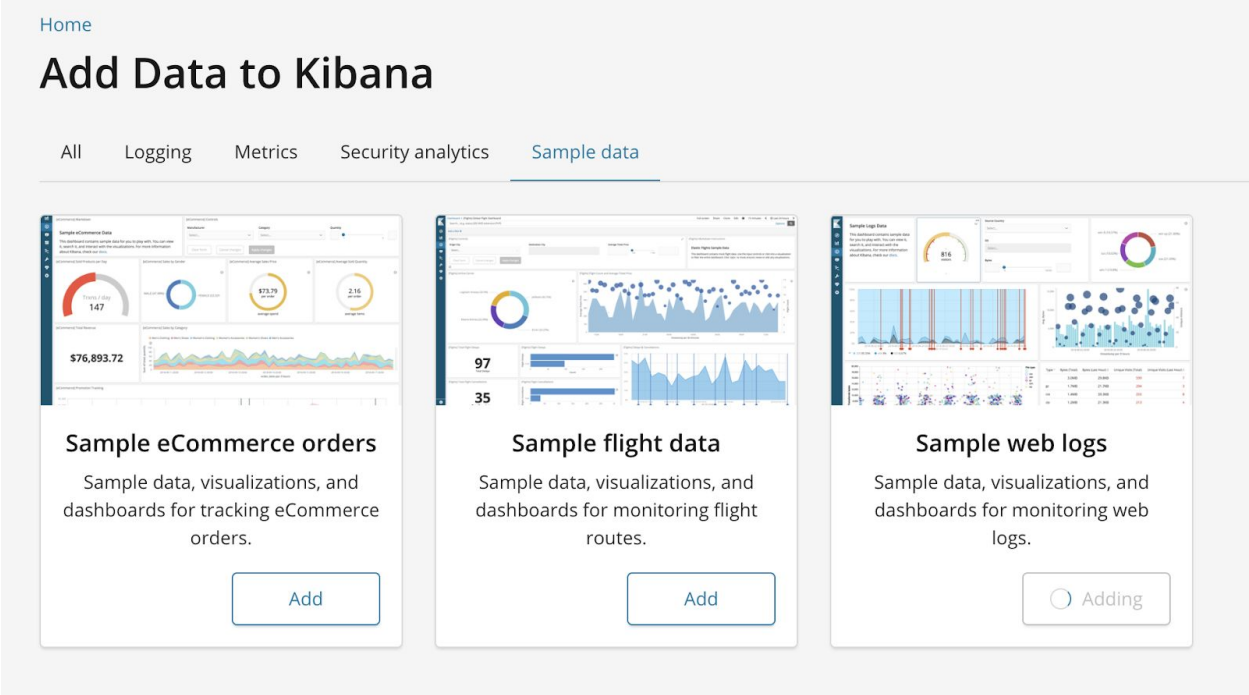

That's it for this lab! You have a deployment now ready to start ingesting and working with the data.

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