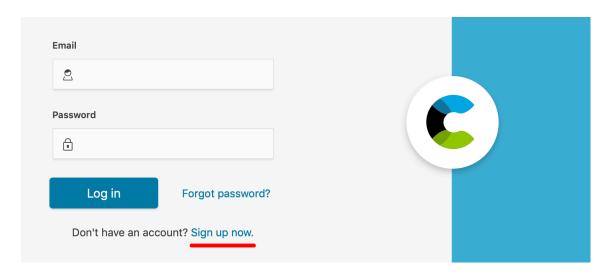


Elastic Observability Workshop

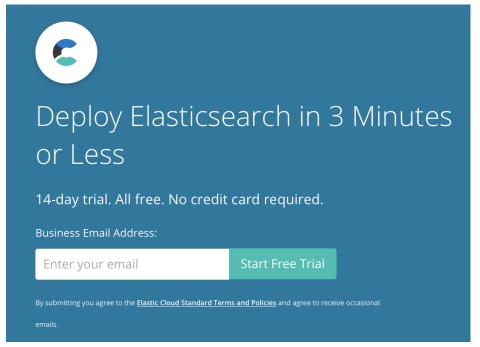
Lab 1 - Create your Elastic Cloud environment

1. Sign up for the Elastic Cloud Trial

Visit https://cloud.elastic.co and click "Sign up now"

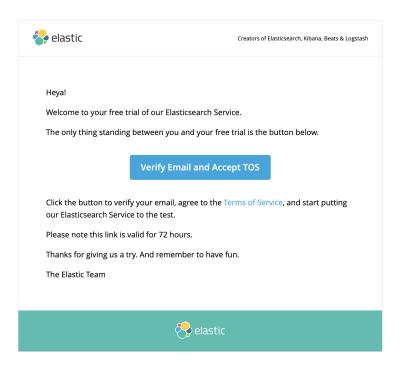


2. Enter your business email (no credit card is required)



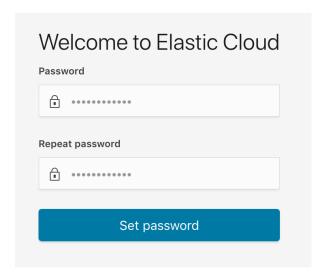
3. Check your email to verify your account. (sometimes it may take a few minutes before email shows up in inbox)





[Note: Issue not receiving the email

- Occasionally we have seen issues with browsers usually email not showing up. If it's not going the way as the lab points out please try to use another browser.
- Corporate email servers have blocked the cloud trial emails, a non-corporate email may do the trick]
- 4. Log in and create give your account a strong password.



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



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

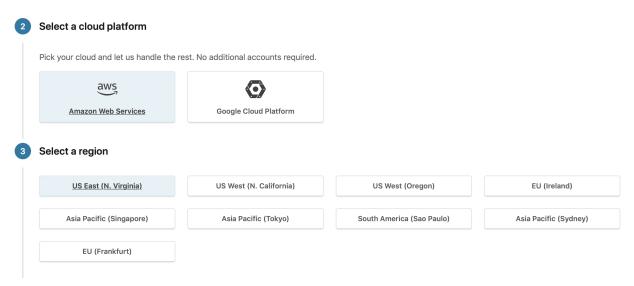
- 6. Give your deployment a name.
 - Name your deployment

Give your deployment a name

Workshop



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.

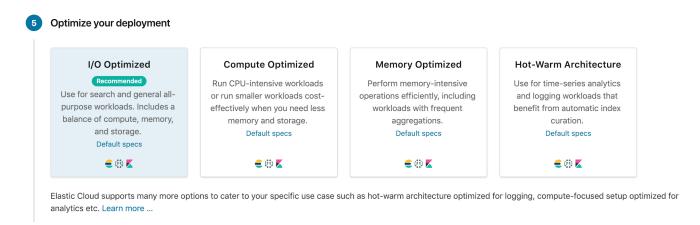


Elastic Stack version

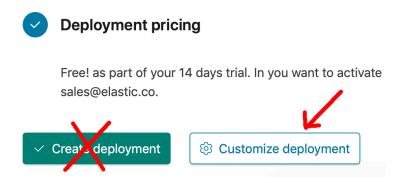
7.0.0 Edit



9. Select the I/O Optimized template

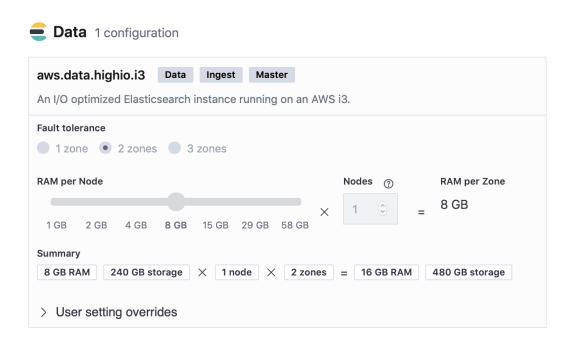


10. Click "Customize deployment". We want to make a few more changes before creating the deployment.

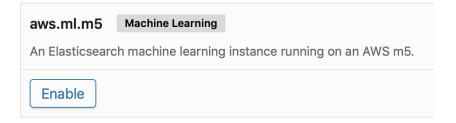




11. You should see 2 Data nodes that will be deployed across 2 zones. During the trial, you will not be able to change the size of them. If this wasn't a trial account, changing the size of the ES nodes or the # of nodes is a slider-away!



- 12. Turn on **Machine Learning** by clicking **Enable**.
 - (Machine Learning 1 configuration





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

Architecture

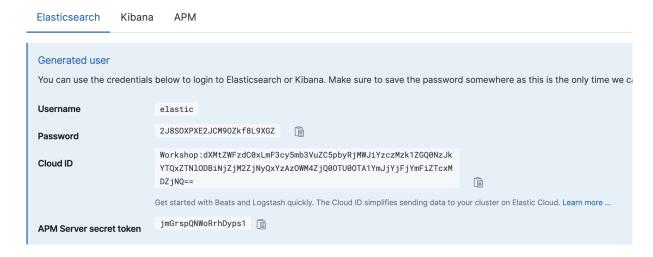
Zone 1 aws.apm.r4 512 MB RAM aws.data.h... 8 GB RAM aws.kiban... 1 GB RAM Zone 2 aws.data.h... 8 GB RAM

13. Click **Create Cluster**. Your cluster will begin to spin up. It takes between 3 - 6 minutes to complete.

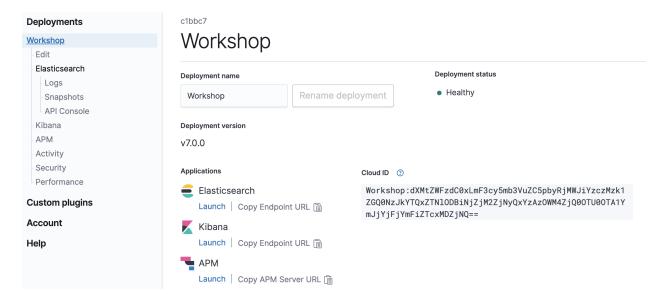




Please copy Cloud ID, username, auto generated password, and APM Server secret token for later use. Please paste it into a text editor of your choice for now.



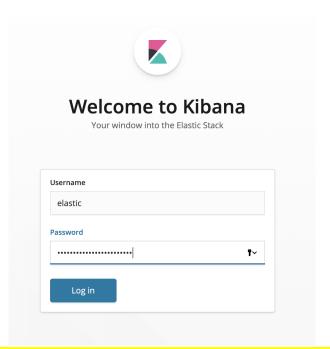
14. When the cluster is ready, select your deployment in the top left, under **Deployments**. Scroll down to get used to having all information about your deployment at a single place.



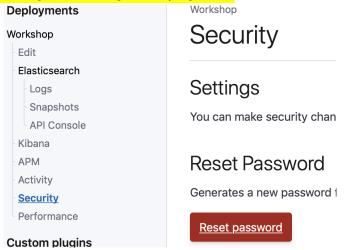
This is where you can find the URLs for Elasticsearch, Kibana, and APM.



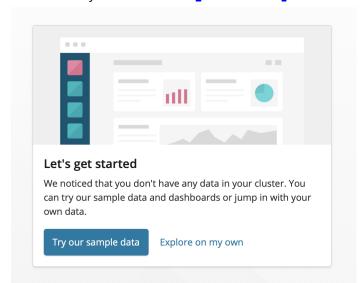
15. Click on **Launch** under Kibana to launch it in a new tab. Login with the username **elastic** and your password (this is the password you copied in Step 13).



[Note: If you forgot to copy your password earlier, you can always reset it to get a new password under the Security section of your deployment]

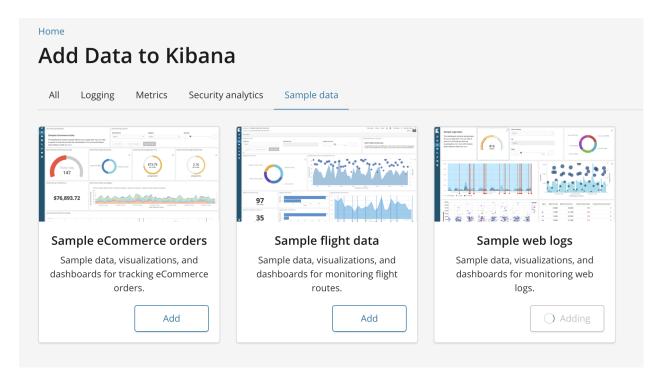






16. You are now in Kibana where you can click Try our sample data

[**Note**: Sample Data that's now shipped along with Kibana, can be added to the deployment for users to look at the different visualizations/dashboards that get created to learn and get inspired from]



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

