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Elasticsearch User manual for Selenium Java Framework

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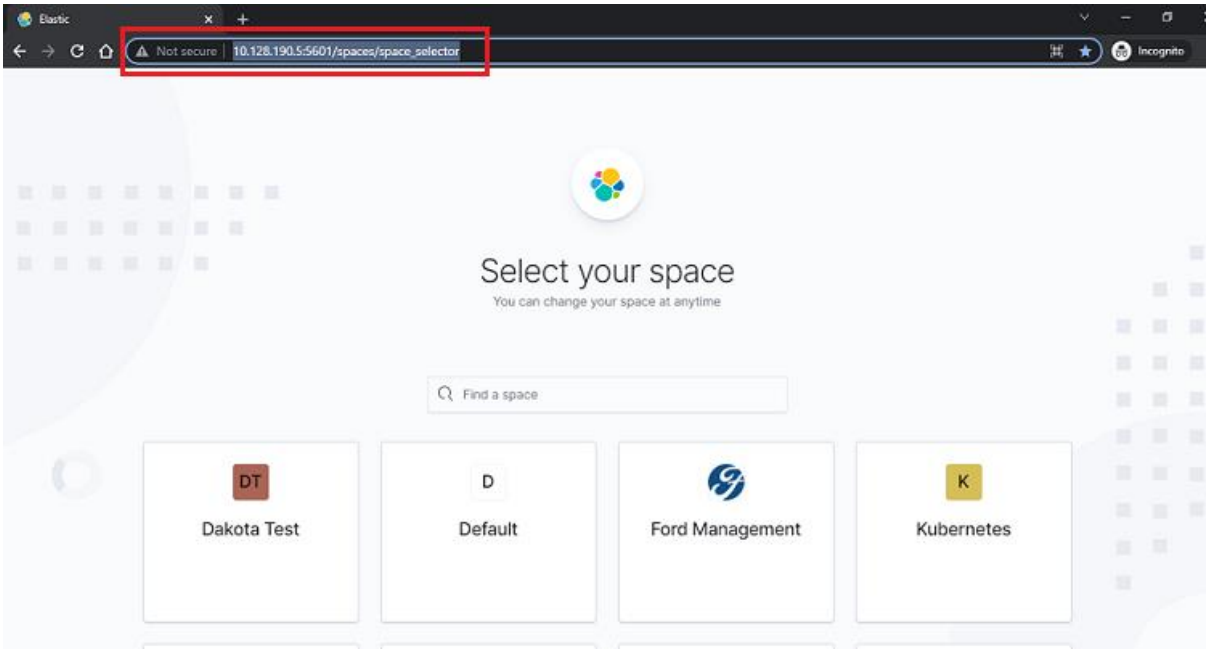
1. Access requests for Elasticsearch

To access Elasticsearch, you need to send an access request to Service desk mentioning below details.

- IP address of Elasticsearch - IP Link
- Reason for access

Once you get the access, you will be able to see the below page.

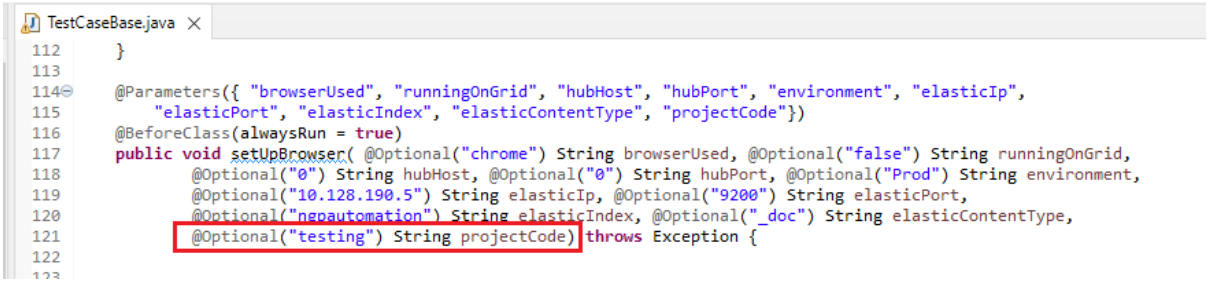


2. Setup for parameters required

For Elasticsearch, few parameters are required.
List of required parameters is as below,

a. Projectcode
b. ElasticIP
c. ElasticPort
d. ElasticIndex
e. ElasticContentType

a. **Projectcode**:
It is the name of your project which you can use for elastic search. This parameter can be added in your testNG xml or in "setupBrowser" method of TestcaseBase class.



b. **ElasticIP**:
It is the IP address of Elasticsearch where setup has been done.
This parameter is already set in "setupBrowser" method of TestcaseBase class.
No changes has to be made for this parameter.

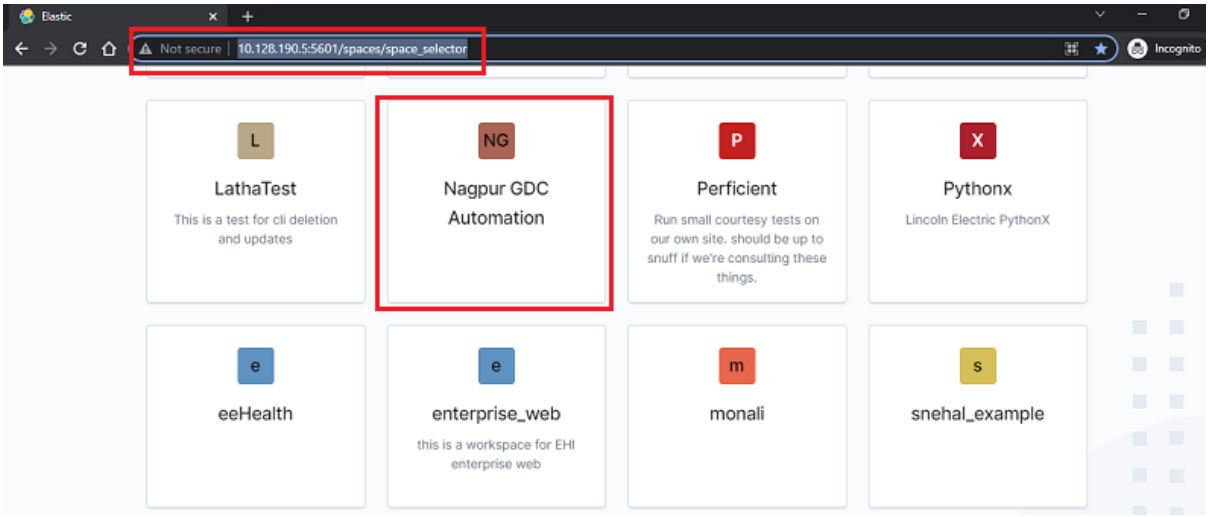
c. ElasticPort:
It is the port address of Elasticsearch. This parameter is already set in "setupBrowser" method of TestcaseBase class.
No changes has to be made for this parameter.

d. **ElasticIndex**:
This is index pattern name of the Elasticsearch which has been set while creating space in Elasticsearch. For Nagpur GDC, "ngpautomation" is the name of Index pattern. No changes has to be made for this parameter.

e. ElasticContentType:
This is the content type for Elasticsearch. We are using "_doc" content type for our framework. Index pattern save the content/data of executed tests in form of specified content type. No changes has to be made for this parameter.

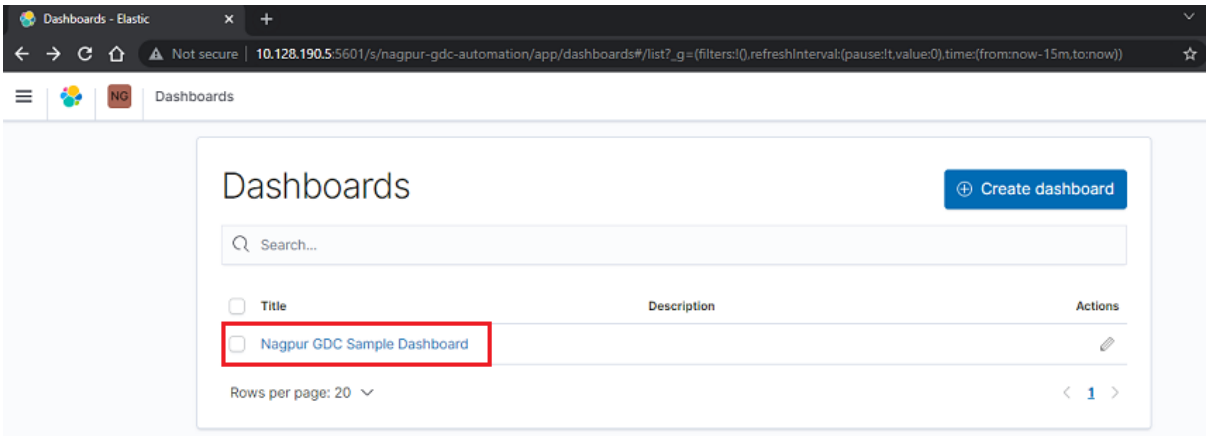
3. Space selector for Elasticsearch

For Nagpur GDC, we are using “Nagpur GDC Automation” space in Elasticsearch.
Spaces can be created for every other index pattern created in Elasticsearch, to separate out the data and apply widgets/filters as per requirement.



4. Elasticsearch Dashboard uses

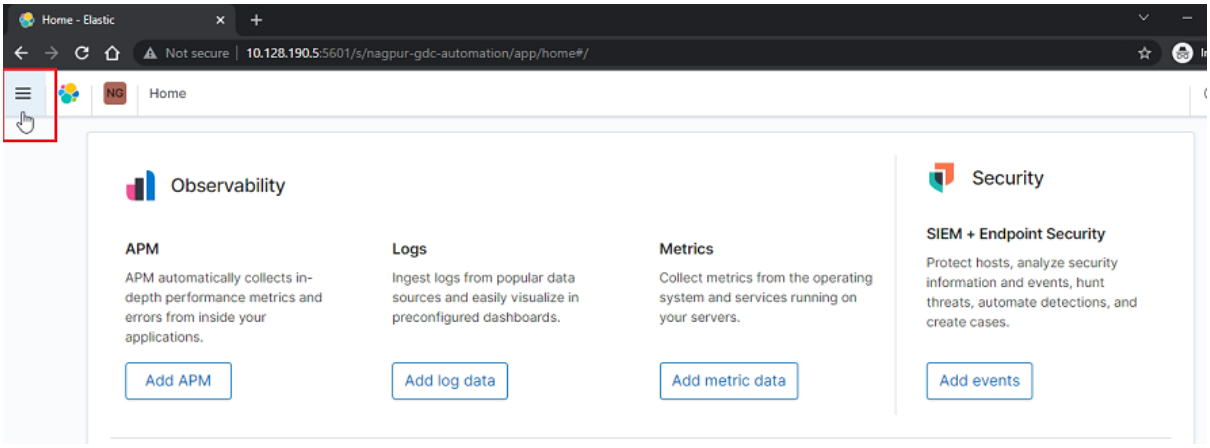
We have created the generic dashboard for Nagpur GDC.
Link for Dashboard - Dashboard.



It has some basic widgets to filter out your test execution data. You can use these filters for your own project.

5. Elasticsearch Discover tab uses

To drill down the details of any test execution at minor level, you can use the discover tab.
It shows values of every parameter that has been recorded at the time of execution.
This tab also has multiple filters to bifurcate the data as per ones need.
To view discover tab, click on navigation Toggle at the extreme left.



You will be able to see the “Discover” in the menu. Click on it and you will be redirected to Discover page.