Elastic Search Installation and Configuration

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1. Installation [Linux]

Download Elasticsearch and Kibana tar file

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- cd /home/ubuntu

 - wget https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-8.10.0-linux-x86_64.tar.gz

 - wget https://artifacts.elastic.co/downloads/kibana/kibana-8.10.0-linux-x86_64.tar.gz

 Note - If wget does not work then follow below:

 - vi /etc/resolv.conf

 nameserver 8.8.8.8 (add this line at the top)

 - nslookup artifacts.elastic.co

 - vi /etc/hosts

 34.120.127.130 artifacts.elastic.co (add this line)

Extract & Setup Elasticsearch

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 - tar -xvzf elasticsearch-8.10.0-linux-x86_64.tar.gz

 - cd elasticsearch-8.10.0/

 - screen

 - bin/elasticsearch

 - ctrl + a + d

Extract & Setup Kibana

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 - tar -xvzf kibana-8.10.0-linux-x86_64.tar.gz

 - cd kibana-8.10.0/

 - screen

 - bin/kibana

 Note - Copy Enrollment token which will be required for login in kibana

 - ctrl + a + d

Modify kibana.yml to Access on IP

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 - cd kibana-8.10.0/config

 - nano kibana.yml

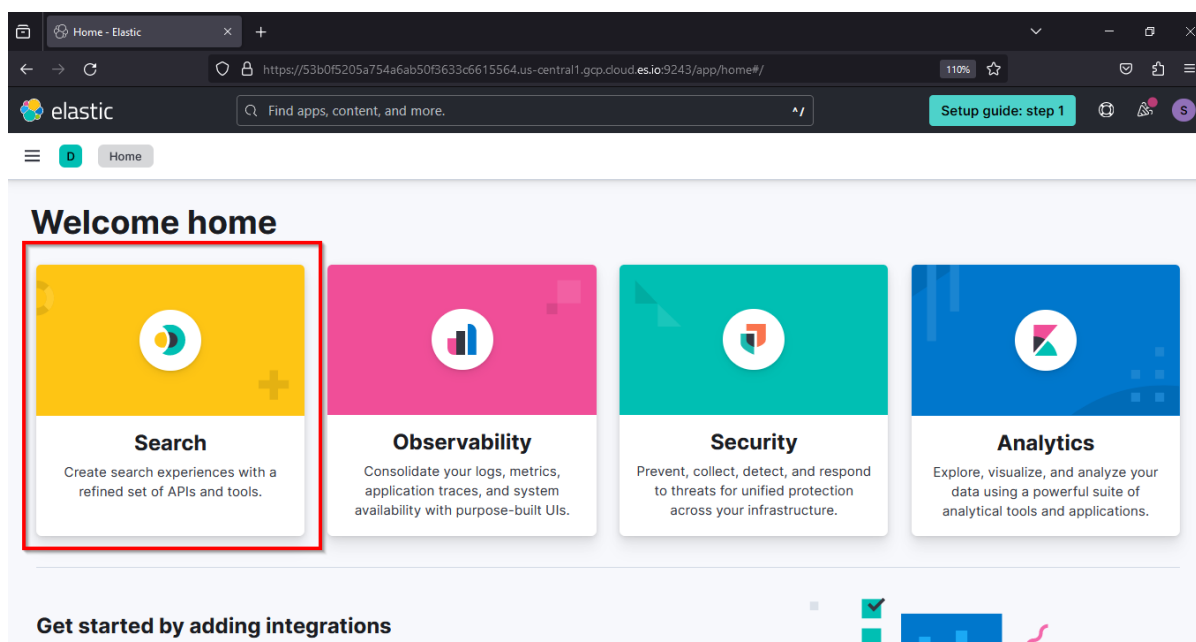server.host: "192.168.2.75" (add this line)

On Browser Access on IP

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 http://192.168.2.75:5601/

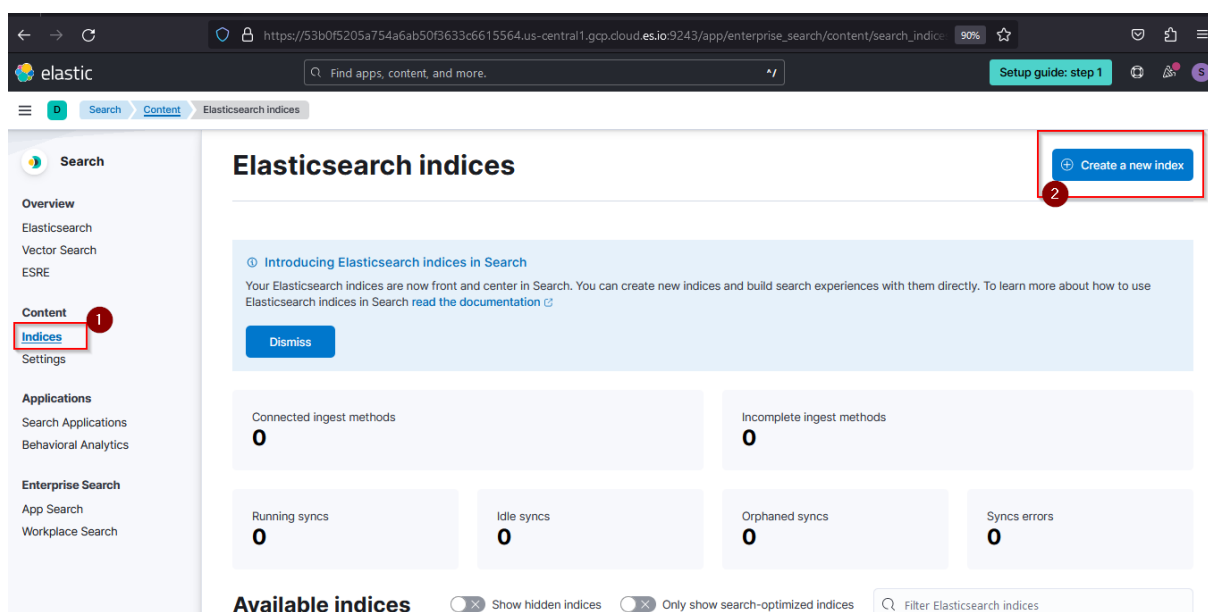 To Access the Elastic Search

 https://192.168.2.75:9200 (configured in kibana.yml)

2. Elastic Search server side configuration

- User can configure/setup server as below ways:
  - o Elastic server cloud provider by Elastic itself
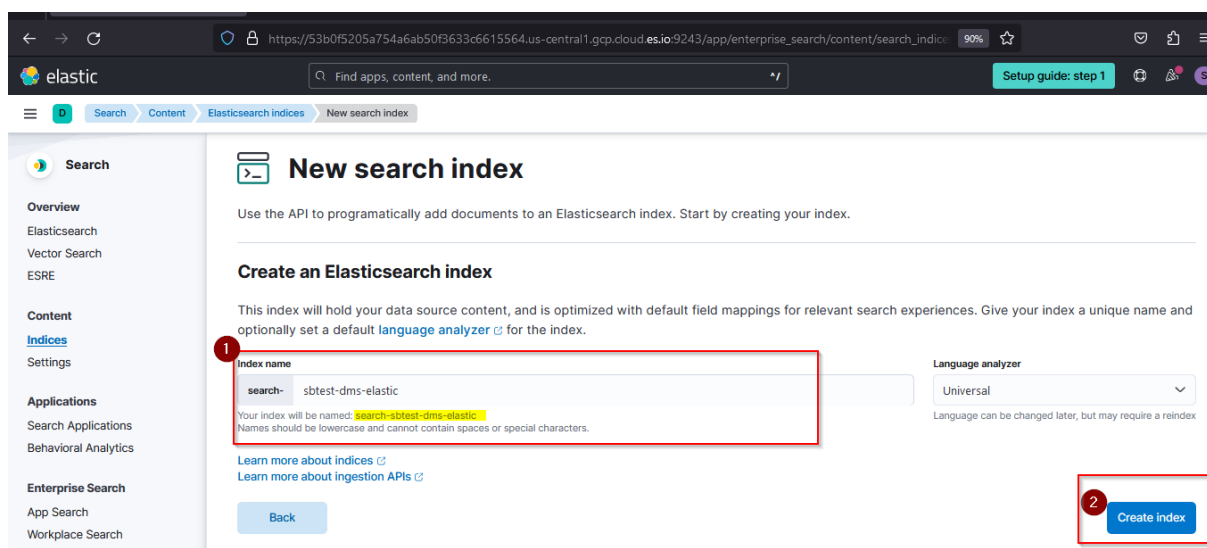   - ▪ https://cloud.elastic.co/registration
  - o Our local server

After login to elastic search and in Dashboard having Search Tag, Click on **Search Tag.**

Left side panel having **Content and** under **indices** label click to open Elasticsearch indices page and Option to **Create a new index** button.
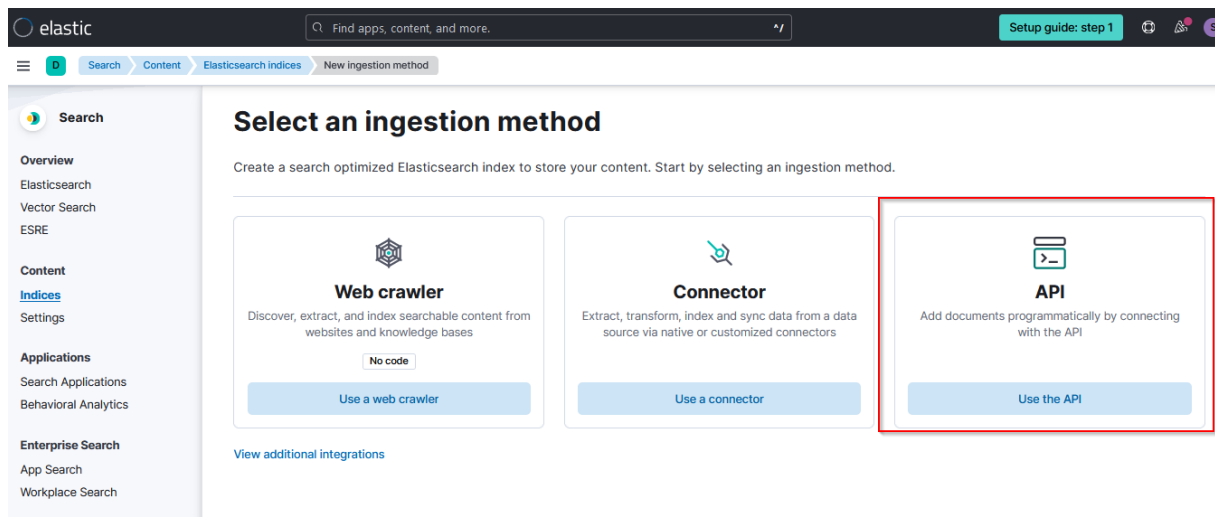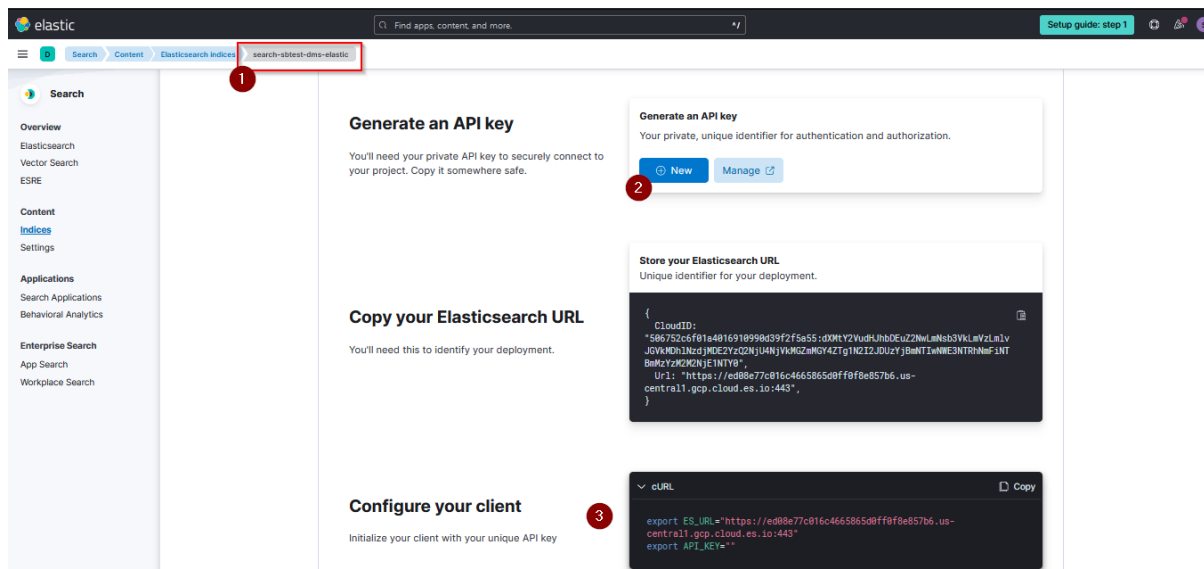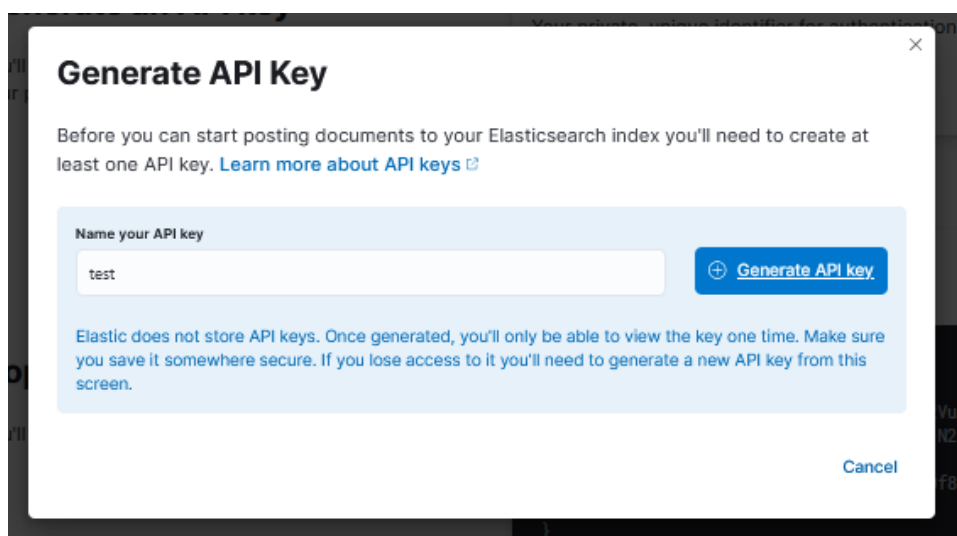
Click on **API** tag

Here we created index name: **"search-sbtest-dms-elastic"**
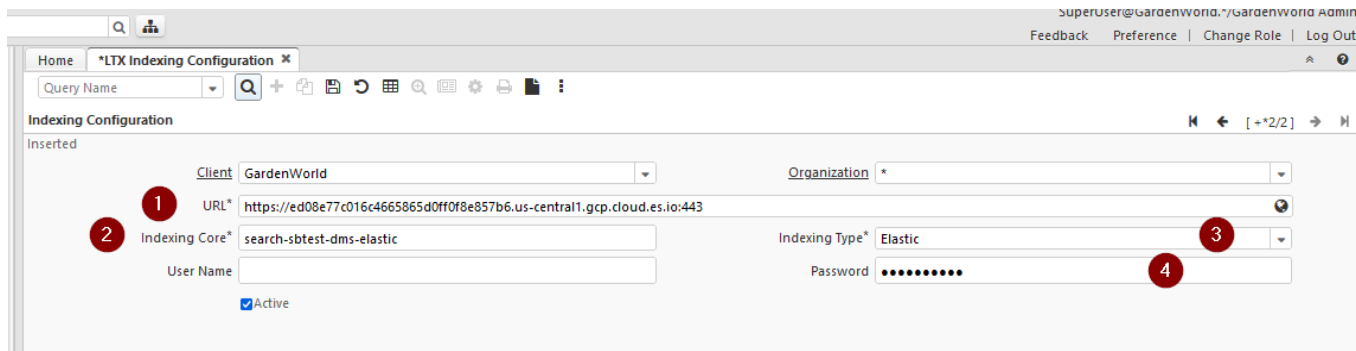
Click to **Create Index** button

- 1) Now redirect to newly created index page

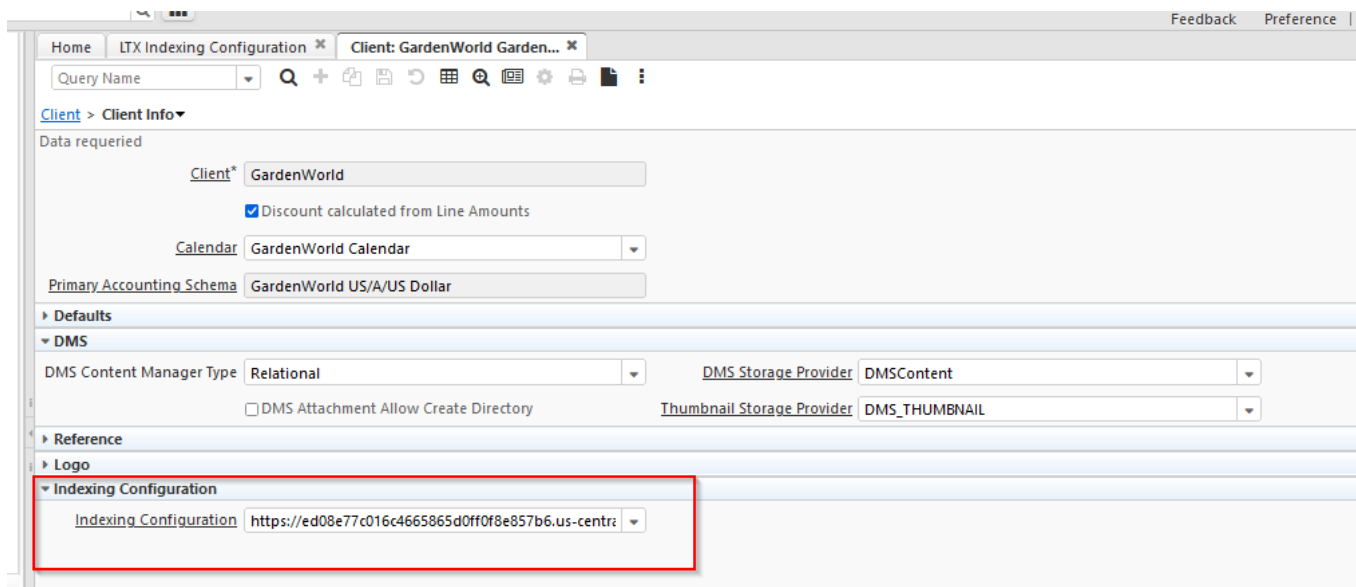- 2) Generate an API Key by click New button

- o   Here Enter your **API key name**, Click on **Generate API Key** and copy it. [Keep store it needs to configure it in ERP side]
- 3) Configure your client section copy ES_URL value and it's used for ERP side

3. ERP side Configuration

Login to ERP and open the **Indexing Configuration** menu

- Create new record
  - **URL:** Elastic server url [Use ES_URL as shown in "Configure your client" section]
  - **Indexing Core:** Index name [In this case **search-sbtest-dms-elastic**]
  - **Indexing Type:** Elastic [We are going to use elastic searching service]
  - **Password:** API Key [As we copied API key from Elastic server in the Index]

Open Client > Client Info window

Specify **Indexing configuration** reference as created for Elastic Search.

Do cache reset and Re-login to the system.

Upload new content in DMS and it will create new indexing to the specified server and do searching.

Happy Searching . . .