

session1

Installing OpenSearch

with Docker Compose

1. Install Docker using Snap on Ubuntu
2. (Optional) Add yourself to the [Docker group](#)
3. Modify the [Linux Settings](#)
4. Set a password and create the .env file
5. Create Docker volumes using docker volume create
6. Run the script with docker compose up -d

With Bonsai

[Managed Service](#) for free. Some limitation but usefull

Install a python environment

Some module are required (see `requirements.txt`)

1. Use the python available on your laptop.
2. Use google collab or whatever you want.

curl equivalent on Windows

```
src\os_get.ps1 -Uri "https://ensg-search-9642476797.eu-central-1.bonsaisearch.net:443/_cat/nodes?v" -Username "kpwoipavhb" -Password "9nys3us285"
```

CRUD operation

insert a document from a json file with document id

```
curl -X PUT "https://localhost:9200/power_plant/_doc/1" -H "Content-Type: application/json" -d @power_plant_0.json -ku admin:$OPENSEARCH_INITIAL_ADMIN_PASSWORD
```

without document_id

```
curl -X POST "https://localhost:9200/power_plant/_doc/" -H "Content-Type: application/json" -d @power_plant_0.json -ku admin:$OPENSEARCH_INITIAL_ADMIN_PASSWORD
```