

## Lab 1 – Installing ATT&CK Workbench

1. Create a VM using your operating system of choice.
2. Install Docker by referring to the Docker installation instructions <https://docs.docker.com/get-docker/>
3. Create a new directory (e.g. mkdir /home/<user>/Workbench) where you plan to install ATT&CK Workbench.
4. Open a terminal window and cd to the newly created directory (e.g. cd /home/<user>/Workbench).
5. Run the following git clone commands:
  - a. git clone <https://github.com/center-for-threat-informed-defense/attack-workbench-frontend.git>
  - b. git clone <https://github.com/center-for-threat-informed-defense/attack-workbench-rest-api.git>
6. Next, cd into the attack-workbench-frontend/ directory (e.g. cd /home/<user>/Workbench/attack-workbench-frontend/)
7. Run sudo docker-compose up \*
8. The installation routine takes between 5-10 mins to complete. Once all of the 11 installation steps are complete, you should see output that resembles the screenshot below

```
Successfully built 9ef081650ba8
Successfully tagged attack-workbench-frontend_frontend:latest
WARNING: Image for service frontend was built because it did not already exist. To rebuild this image, run: docker-compose up --no-build
Creating attack-workbench-database ... done
Creating attack-workbench-rest-api ... done
Creating attack-workbench-frontend ... done
Attaching to attack-workbench-database, attack-workbench-rest-api, attack-workbench-frontend
```

9. Open a web browser and enter localhost in the address bar (<http://localhost/>)

**\*Note: If you have problems with the version of MongoDB, you must edit the docker-compose.yml file. And add this “mongo:4.4.6”.**

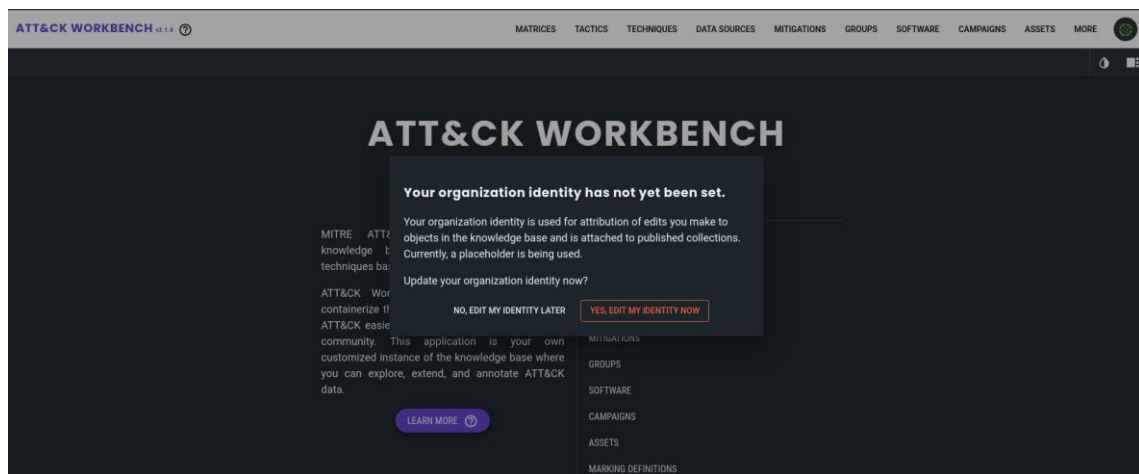
```

mongodb:
  container_name: attack-workbench-database
  image: mongo:4.4.6
  volumes:
    - db-data:/data/db
  ports:
    - "27017:27017"

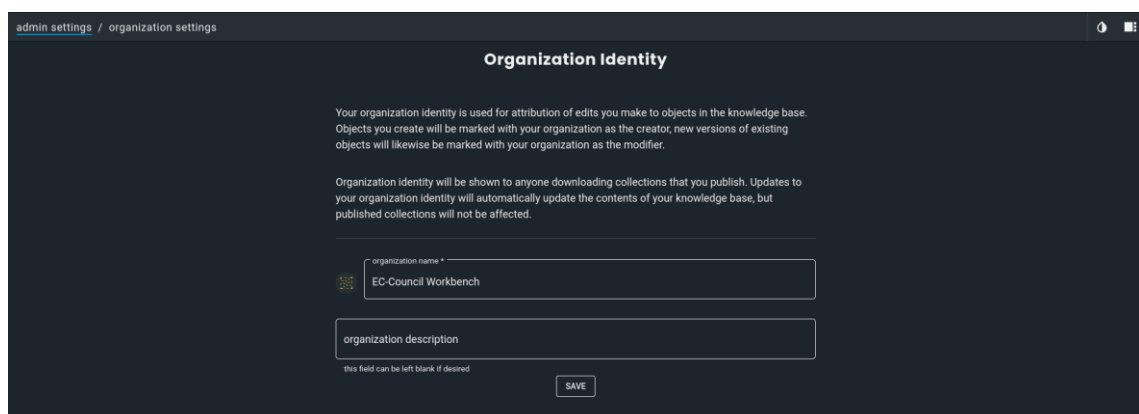
```

10. Optionally you can set your Organization Identity.

Go to Login option and then click “Yes, edit my organization identity now” option.



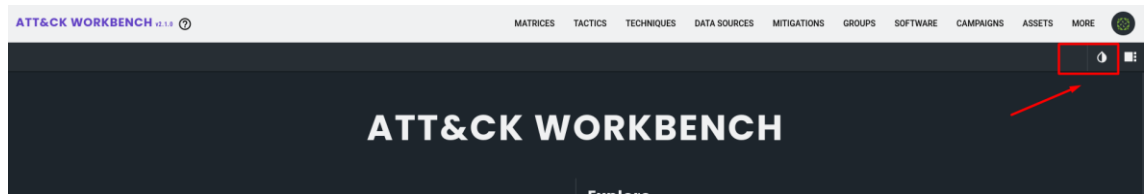
Simply enter your organization name and organization description and click the Save button



11. From the ATT&CK Workbench main menu, click into each of the different menus (i.e. matrices, techniques, tactics etc), as well as the

documentation to ensure that the pages load correctly.

12. From the ATT&CK Workbench home page, click the Toggle Theme icon to select your desired color theme



13. This completes the installation of ATT&CK Workbench.