Ansible – Lab2

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ITI- DevOps Track

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PLAYBOOK

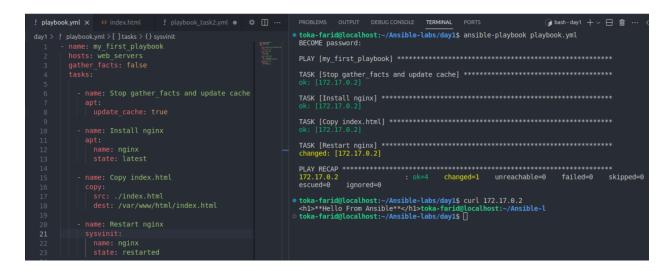
- 1. Write your first playbook file.
- Stop gather_facts and update cache.

MODULES

Explore some built-in modules like:

(apt, dnf, package, service, command, copy, user, group, lineinfile, authorized_key, etc.) ansible-builtin modules

- 1. Update cache.
- 2. Install the latest nginx.
- 3. Copy index.html from controller to host 1.
- Restart nginx service.
- 5. Can you see your index.html file when you hit host 1 on port 80?

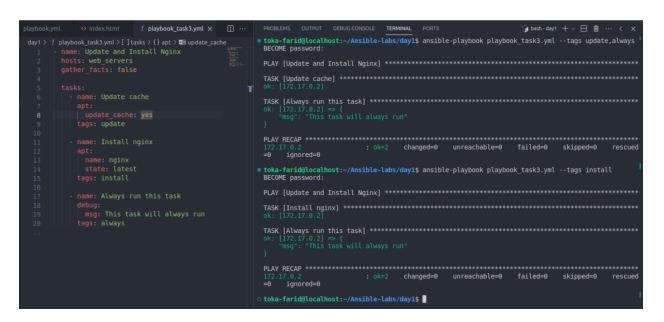


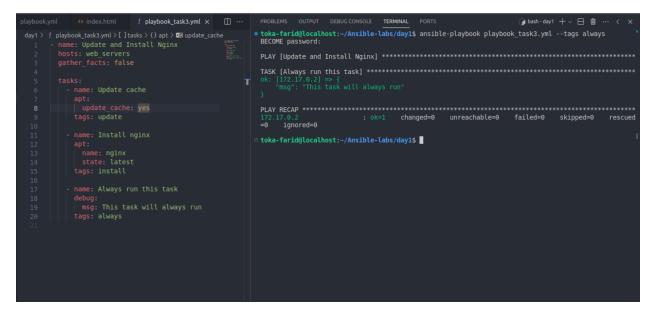
TAGS

- 1. Write a simple playbook file.
- 2. Add two tasks (apt update apt install nginx).
- 3. Add tags to the first task: update.
- 4. Add tags to the second task: install.
- 5. Run only the (apt update) task.

Example: ansible-playbook my-playbook.yml --tags update.

6. Add one task with "tags: always" and run the previous command again.





VARIABLES

- 1. Define these variables (package_name, package_version).
 - on the playbook level.
 - on inventory level.
 - on command line level.
- 2. Use the apt module with the package name and version from your variables.

playbook level:

inventory level:

```
| playbook_task4.yml | playboo
```

command line level: