Placement Empowerment Program

Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 08 : *Install Ansible*

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Install Ansible

Objective :

The objective is to install a specific version of Ansible on a designated server.

Steps Performed :

1. **Connect to the jump_host:** Access the terminal for the jump_host server. The prompt should display **thor@jumphost~$.**

2. **Install Ansible:** Use the sudo pip install command to install Ansible version 4.7.0.
   - **sudo pip install ansible==4.7.0**

3. **Verify Installation:** Confirm that the correct version has been installed and is accessible globally.
   - **ansible --version**

```
>=2.11.6->ansible==4.7.0) (25.0)
Requirement already satisfied: resolvelib<0.6.0,>=0.5.3 in /usr/local/lib/python3.9/site-packages (from ans
ible-core<2.12,>=2.11.6->ansible==4.7.0) (0.5.4)
Requirement already satisfied: cffi>=1.12 in /usr/lib64/python3.9/site-packages (from cryptography->ansible
-core<2.12,>=2.11.6->ansible==4.7.0) (1.14.5)
Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib64/python3.9/site-packages (from jinja2->an
sible-core<2.12,>=2.11.6->ansible==4.7.0) (3.0.2)
Requirement already satisfied: pycparser in /usr/lib/python3.9/site-packages (from cffi>=1.12->cryptography
->ansible-core<2.12,>=2.11.6->ansible==4.7.0) (2.20)
Requirement already satisfied: ply==3.11 in /usr/lib/python3.9/site-packages (from pycparser->cffi>=1.12->c
ryptography->ansible-core<2.12,>=2.11.6->ansible==4.7.0) (3.11)
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the
 system package manager. It is recommended to use a virtual environment instead: https://pip.pypa.io/warnin
gs/venv

[notice] A new release of pip is available: 24.0 -> 25.2
[notice] To update, run: pip install --upgrade pip
thor@jumphost ~$ ansible --version
ansible [core 2.11.12]
  config file = None
  configured module search path = ['/home/thor/.ansible/plugins/modules', '/usr/share/ansible/plugins/modul
es']
  ansible python module location = /usr/local/lib/python3.9/site-packages/ansible
  ansible collection location = /home/thor/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/local/bin/ansible
  python version = 3.9.18 (main, Jan 24 2024, 00:00:00) [GCC 11.4.1 20231218 (Red Hat 11.4.1-3)]
  jinja version = 3.1.6
  libyaml = True
thor@jumphost ~$ pip3 show ansible | grep Version
Version: 4.7.0
thor@jumphost ~$ 
```

✓

You're done!

CONGRATULATIONS!!!!

You have successfully completed the challenge.Results have been saved. Ref ID:68066cd35500bdf7ab9a7b26

That might have been an easy task for you. But don't worry. Depending on the tasks you complete, you will get more difficult and advanced tasks assigned in the future.

You can also view your results in your dashboard under the "Active Practice" page.

✓ **Congrats!**
You have completed the task successfully.

100 Days of DevOps — Day 8: Install Ansible ✓

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