

# Complete Ansible Automation Training

**Ansible Resources**

# Ansible Additional Commands



- Ansible software comes with additional resources and we can utilize those resources through built-in commands comes with Ansible software
- Following are the list of Ansible commands as of now:
  - **ansible**
  - **ansible-playbook**
  - **ansible-vault**
  - **ansible-config**
    - Shows or modifies Ansible configuration
    - Not all configuration options are present in the command line, just the ones deemed most useful or common. Settings in the command line will override those passed through the configuration file and the environment
  - **ansible-connection**
    - Connection command for the remote clients.

# Ansible Additional Commands



- **ansible-console**
  - Allows for running ad-hoc tasks against a chosen inventory from a nice shell with built-in tab completion
  - It supports several commands, and you can modify its configuration at runtime
  - You can run name of the listed command followed by help
  - E.g. `# help dnf`
  - To copy a file on the remote client = `# cp /tmp/ans5 /home/iafzal`
  - Certain commands are misleading e.g. = `cd` which changes the hosts instead of changing the directory
- **ansible-doc**
  - You can access manuals on plug-ins and modules through this command
  - `# ansible-doc -l` (*To list all modules*)
- **ansible-galaxy**
  - command to manage Ansible roles in shared repositories, the default of which is Ansible Galaxy <https://galaxy.ansible.com>

# Ansible Additional Commands



- **ansible-inventory**

- Using the ansible-inventory command provides you with details of your host inventory files
- It can be useful if you want to get an idea of how your hosts are grouped. For example, run the following:

```
# ansible-inventory -i hosts --graph
```

- To get a full list of hosts in hosts file

```
# ansible-inventory --list
```

- **ansible-pull**

- A mode called 'ansible-pull' can also invert the system and have systems 'phone home' via scheduled git checkouts to pull configuration directives from a central repository

# Ansible Documentation

- Online documentation
  - <https://docs.ansible.com/>
  - <https://docs.ansible.com/ansible/latest/>
  - <https://www.ansible.com/resources>
  - <https://www.redhat.com/en/topics/automation/learning-ansible-tutorial>
- Ansible Webinars and Trainings
  - <https://www.ansible.com/resources/webinars-training>
- Ansible module documentation
  - [https://docs.ansible.com/ansible/2.9/modules/list\\_of\\_all\\_modules.html](https://docs.ansible.com/ansible/2.9/modules/list_of_all_modules.html)



# Community Help

- Ansible has a large and engaged community of users who can help answer your questions
- For real-time chat join these Matrix rooms:
  - Social for general introductions and chat
    - <https://matrix.to/#/#social:ansible.com>
  - User Help for technical questions
    - <https://matrix.to/#/#users:ansible.com>
  - Community for collections and maintainers
    - <https://matrix.to/#/#community:ansible.com>
  - Community Space for the whole list of rooms
    - <https://matrix.to/#/#space:ansible.com>
- For Ansible via Internet Relay Chat and the AWX mailing list.
  - **IRC** = <https://web.libera.chat/#ansible-awx>
  - **AWX Mailing List** = <https://groups.google.com/g/awx-project>
- GitHub
  - Help or get up to date information on newer modules or versions  
<https://github.com/ansible/ansible>

