

Automation with Ansible



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From:

DoWithPython Technologies

The Ansible logo consists of the word "ANSIBLE" in white, uppercase, sans-serif font, centered within a dark navy blue rectangular box.

ANSIBLE

A horizontal bar with a gradient from light orange to a slightly darker orange, with a subtle shadow effect.

Custom Facts

Ansible Custom Facts or User Defined Facts:

- The default task for any playbook is setup.
- This task gathers a whole host of facts (gather_facts) about the remote machine/s
 - Like
 - IP addresses, disks, OS version...
- These are called facts.
- We can also add our own custom facts that Ansible can go and fetch for us.

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Use of Custom Facts

Use of Custom Facts:

- To define user required facts for particular host.
- Ex: I need to find httpd, tomcat, weblogic or any server version on all hosts.
- Let me take here example as git version.

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ANSIBLE

A horizontal orange bar with a slight gradient and a subtle shadow, serving as a background for the title text.

How to create Custom Facts ?

Steps to Create Custom Facts:

- Step1: Create `/etc/ansible/facts.d` on remote nodes.
- Step2: Inside of `facts.d` place one or more custom facts files.
(facts file extension should be `*.fact`)
- Step3: The output of `*.fact` file should be **JSON**.
- Step4: The `*.fact` file should have execution permission.



Thank you