**Facts**

* ansible collects information about the node on which it is executing by the help of module called as setup
* Ansible playbook by default collects information about nodes where it is executing, we can use this with the help of variables
* Collecting information can be disabled as well

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- name: do something

hosts: all

gather\_facts: no

...

...

* In the playbook the facts will be collected and will be available in a special variables ansible\_facts
* Consider the below playbook

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- name: exploring facts

become: no

hosts: all

tasks:

- name: print os details

ansible.builtin.debug:

msg: "family: {{ ansible\_facts['os\_family'] }} distribution: {{ ansible\_facts['distribution'] }}"

* The statement ansible\_facts['os\_family'] represents accessing os family from the facts collected
* From facts the variables can be accessed with full names ansible\_default\_ipv4 or ansible\_facts['default\_ipv4']

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- name: exploring facts

become: no

hosts: all

tasks:

- name: print os details

ansible.builtin.debug:

var: ansible\_default\_ipv4

- name: same info

ansible.builtin.debug:

var: ansible\_facts['default\_ipv4']