- What is the default location of Ansible configuration file? /etc/ansible/ansible.cfg
- Can we override the default Ansible config file? Yes
- What is the command to display the current config file used by Ansible? Ansible-config view
- Can we override the Ansible configuration file settings without actually making changes inside the configuration file? Yes
- As per Ansible configuration file precedence, what value of SSH timeout will be used by Ansible while running the playbooks from ~/playbooks directory.Currently, there are two ansible.cfg files on the controller host. One is inside the /etc/ansible directory and the other one is in user's home directory. ansible-config view

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We have playbooks directory inside the user's home, where we have all the playbooks and inventories. We would like to override some of the configuration parameters without making changes inside the default configuration. Make a copy of ansible.cfg file under ~/playbooks directory.

cp -r /etc/ansible/ansible.cfg .

Change the default inventory source/file to ~/playbooks/inventory inside the local ansible.cfg file.

vi ansible.cfg
inventory   = ~/playbooks/inventory

Our hosts are available on port 2222, make sure by default Ansible tries to use port 2222 for SSH connections for all managed hosts instead of the default SSH port.

vi ansible.cfg
remote_port   = 2222

Our hosts are spread worldwide, and it takes normally 30 seconds to establish an SSH connection, make the necessary changes so that Ansible doesn't face SSH timeout issues .

vi ansible.cfg
# SSH timeout
timeout = 30

Disable deprecation warnings for Ansible.

vi ansible.cfg
deprecation_warnings = False

Disable facts gathering for all hosts so that you don't have to explicitly disable facts gathering within the playbooks.

vi ansible.cfg
gathering = explicit