Lab Exercise 02 Working With Hosts and Groups

By: Bhavya Jain

**Objective:** To work with hosts both individually and in groups for streamlined management and deployment across your network infrastructure

**Tools required:** Ubuntu OS

**Prerequisites:** You need to have Ansible, and the nodes connected with it installed to proceed with this demo. Refer Demo 1 of Lesson 3.

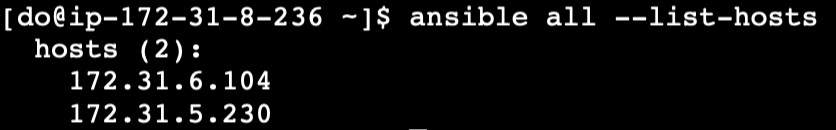
Steps to be followed:

1. List the hosts present in your host file
2. Create a file on the host
3. Remove the file from the host
4. Create and remove the file on the hosts using the group
5. Update the hosts using the group

# Step 1: List the hosts present in your host file

1. Use the following command to list the hosts in your inventory file:

**ansible all --list-hosts**

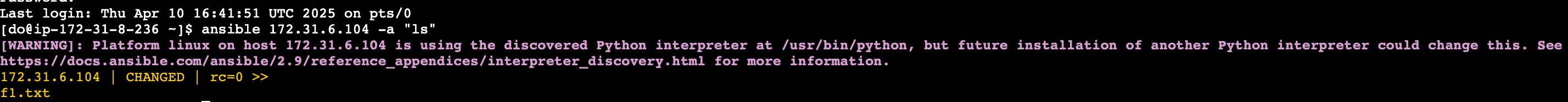
****

**Note:** The host list might change as per your system.

# Step 2: Create a file on the host

1. Use the following command to list the contents of the current working directory:

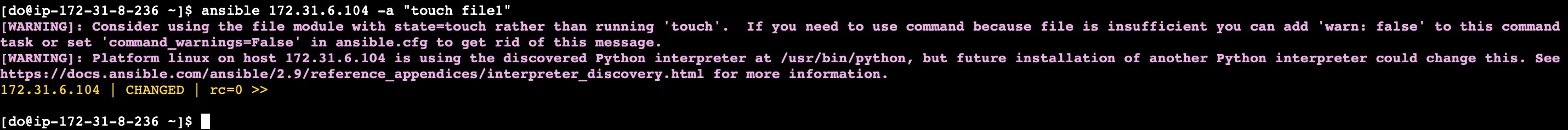
**ansible 172.31.6.104 -a "ls"**

****

**Note:** You can create the file on any other host as per your host list.

1. Use the following command to create a file named **file1** on the host:

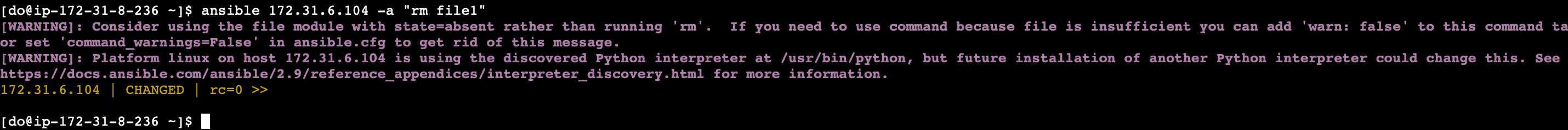
**ansible 172.31.44.85 -a "touch file1"**

****

# Step 3: Remove the file from the host

1. Now, run the following command to remove the file from the host:

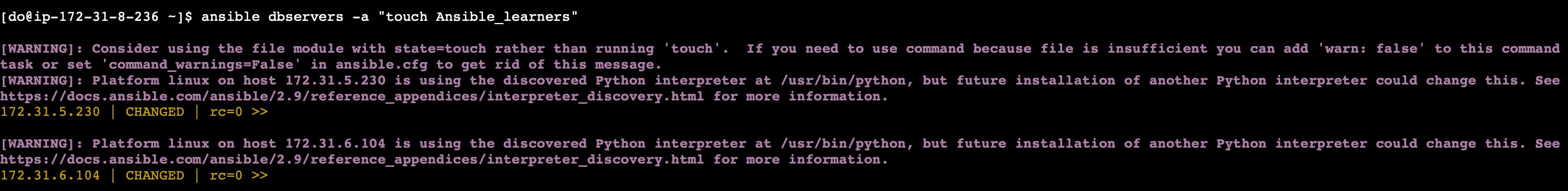
**ansible 172.31.44.85 -a "rm file1"**

****

# Step 4: Create and remove the file on the hosts using the group

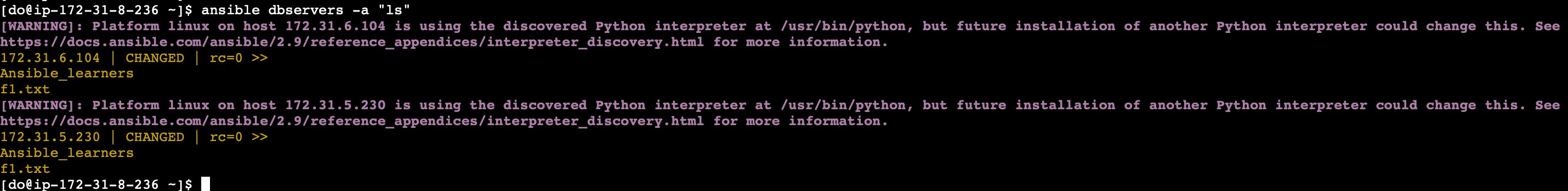
1. Run the following command to create a new file on both the hosts using the group:

**ansible dbservers -a "touch Ansible\_learners"**

****

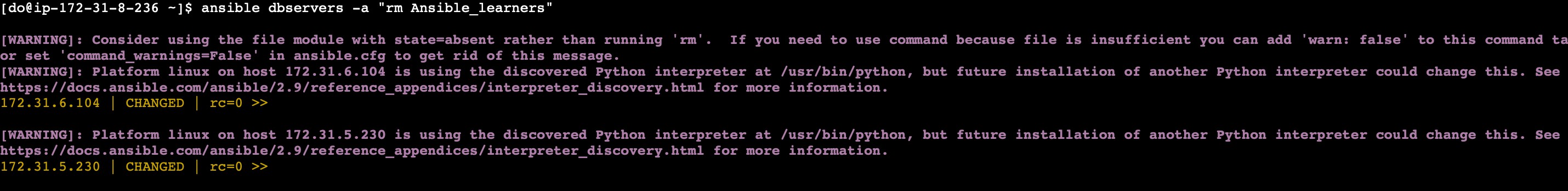
1. Use the following command to list the contents of the current working directory of all the hosts present in the group:

**ansible dbservers -a "ls"**

****

1. Run the following command to remove the file on both hosts using the group:

**ansible dbservers -a "rm Ansible\_learners"**

****