Lab Exercise 04

Executing Ansible Modules

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Objective: To demonstrate the use of the Ansible module for server configuration and management

Tools required: Linux terminal

Prerequisites: None

Steps to be followed:

1. Use Ansible modules for server configuration

Step 1: Use Ansible modules for server configuration

1. Run the following command using the **setup** module to collect and display detailed system information about the servers:

ansible -m setup dbservers

2. Run the following command using the **shell** module to retrieve server hostnames: **ansible dbservers -m shell -a 'hostname'**

```
[do@ip-172-31-8-236 ~]$ ansible dbservers -m shell -a 'hostname'
[WARNING]: Platform linux on host 172.31.5.230 is using the discovered Python interpreter
https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for
172.31.5.230 | CHANGED | rc=0 >>
ip-172-31-5-230.ap-south-1.compute.internal
[WARNING]: Platform linux on host 172.31.6.104 is using the discovered Python interpreter
https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for
172.31.6.104 | CHANGED | rc=0 >>
ip-172-31-6-104.ap-south-1.compute.internal
```

3. Run the following command using the **apt** module to install Git on servers: **ansible dbservers -m yum -a 'name=git state=present' - -become**