**School of Computer Science**

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**DEHRADUN, UTTARAKHAND**



**System Provisioning and Configuration Management**

**Lab File (2022-2026)**

# **6th Semester**

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**EXPERIMENT 4**

**Lab Exercise: Executing Ansible Modules**

**Steps to be followed:**

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

**Tools required:** Linux terminal

**Prerequisites:** None

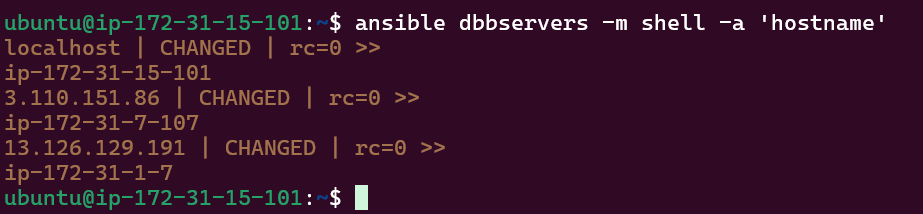
1. Use Ansible modules for server configuration

**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**

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



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

