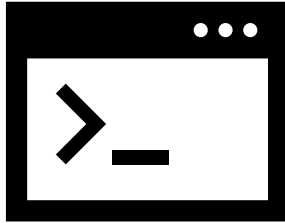


Complete Ansible Automation Training

Ansible Automation with Ad-hoc Tasks

Running Ansible Ad-Hoc Commands

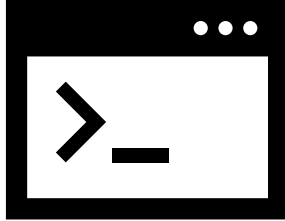
Ad-hoc commands part 1



- Ad-hoc commands run on as needed basis and usually for those tasks that do not repeat
- Syntax for Ad-Hoc ansible command:
 - **ansible [target] -m [module] -a "[module options]"**
- Example ansible ad-hoc commands:
 - Ping localhost
 - # **ansible localhost -m ping**
 - Creating a file on all remote clients
 - # **ansible all -m file -a "path=/home/iafzal/adhoc1 state=touch mode=700"**
 - Deleting a file on all remote clients
 - # **ansible all -m file -a "path=/home/iafzal/adhoc1 state=absent"**
 - Copying a file to remote clients
 - # **ansible all -m copy -a "src=/tmp/adhoc2 dest=/home/iafzal/adhoc2"**

Running Ansible Ad-Hoc Commands

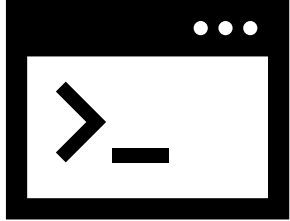
Ad-hoc commands part 2



- Installing package (telnet and httpd-manual)
`ansible all -m yum -a "name=telnet state=present"`
`ansible all -m yum -a "name=httpd-manual state=present".`
- Starting httpd package service
`ansible all -m service -a "name=httpd state=started"`
- Start httpd and enable at boot time
`ansible all -m service -a "name=httpd state=started enabled=yes"`
- Checking httpd service status on remote client
`ansible all -m shell -a "systemctl status httpd"`
- Remove httpd package
`ansible all -m yum -a "name=httpd state=absent"`
OR
`ansible all -m shell -a "yum remove httpd".`

Running Ansible Ad-Hoc Commands

Ad-hoc commands part 3



- Creating a user on remote clients
ansible all -m user -a "name=jsmith home=/home/jsmith shell=/bin/bash state=present"
- To add a user to a different group
ansible all -m user -a "name=jsmith group=iafzal"
- Deleting a user on remote clients
ansible all -m user -a "name=jsmith home=/home/jsmith shell=/bin/bash state=absent"
OR
ansible all -m shell -a "userdel jsmith"
- Getting system information from remote clients
ansible all -m setup
- You can run commands on the remote host without a shell module e.g. reboot client1
ansible client1 -a "/sbin/reboot"