

Ansible Module

- Modules (also referred to as “task plugins” or “library plugins”) are the ones that do the actual work in ansible, they are what gets executed in each playbook task. But you can also run a single one using the ‘ansible’ command.
- # ansible all - -list-hosts
- # ansible all -m ping
- # ansible all -m setup
- # ansible appserv -m ping

Override Hosts:

```
#cp /etc/ansible/hosts ~/ansible/
```

```
#mv hosts myhosts
```

```
#ansible all -i myhosts ping
```

ad-hoc command:

An ad-hoc command is something that you might type in to do something really quick, but don't want to save for later.

```
# ansible webservers -m service -a "name=httpd  
state=started"
```

```
# ansible all -a "/usr/bin/date" -u username
```

ad-hoc command:

```
#ansible all -s -m shell -a "uptime"
```

```
#ansible all -a "/bin/date"
```

To copy a file from Local server to remote server:

```
#ansible 192.168.33.25 -m copy -a  
"src=/tmp/demo.txt dest=/tmp/demo.txt"
```

To Change the Ownership of File:

```
# ansible webservers -m file -a "dest=/srv/foo/a.txt  
mode=600"
```

```
# ansible webservers -m file -a "dest=/srv/foo/b.txt  
mode=600 owner=mdehaan group=mdehaan"
```

ansible all --list-hosts

ansible all --private-key
/home/admin/.ssh/id_rsa -m

ansible all -m setup --tree /tmp/myfacts

ansible all -m setup -a
'filter=ansible_distribution'

ansible all -m setup -a
'filter=ansible_distribution_version'

ansible all -m ping -u admin --private-key=key

ansible all -m shell -a "touch /tmp/file1"