



ANSIBLE

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Ansible Configuration and Hosts

Configuration file default location :

```
#vi /etc/ansible/ansible.cfg
```

```
#cp /etc/ansible/ansible.cfg ~/
```

Host file default location :

```
#vi /etc/ansible/hosts
```

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

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 -m 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=sathya group=sathya"
```

Override Keys:

```
# ansible all --private-key /root/.ssh/id_rsa  
-m ping  
  
# 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"
```

```
#ansible cent -m shell -a 'mkdir /tmp/newdir'  
#ansible cent -m command -a 'touch  
/tmp/ansible1.txt'  
#ansible cent -m raw -a 'touch  
/tmp/ansible2.txt'  
#ansible cent -m cron -a "name='newjob'  
minute='0' hour='1'  
job='ls -l > /tmp/files.log'"
```