

**TO
THE
NEW**™



Ansible

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1. Run Ansible Ad-hoc commands:

1.1 To execute a command in bash and see the result.

Ans.

```
chhavi@chhavi:/etc/ansible$ ansible all -m shell -a '/bin/bash -c "ec2=`uname -n`; touch /var/tmp/$ec2"'
54.235.229.102 | CHANGED | rc=0 >>

3.82.191.245 | CHANGED | rc=0 >>

chhavi@chhavi:/etc/ansible$ ansible all -m shell -a '/bin/bash -c "ls /var/tmp"'
3.82.191.245 | CHANGED | rc=0 >>
cloud-init
systemd-private-f1b3a17bdb844b21ab311f99f2d69132-systemd-resolved.service-kh4nvN
systemd-private-f1b3a17bdb844b21ab311f99f2d69132-systemd-timesyncd.service-l530cf
54.235.229.102 | CHANGED | rc=0 >>
cloud-init
systemd-private-c4fedb85b8c84a1092d55264ee6a2ab1-systemd-resolved.service-ig0au4
systemd-private-c4fedb85b8c84a1092d55264ee6a2ab1-systemd-timesyncd.service-upHZy
chhavi@chhavi:/etc/ansible$
```

Or simply

```
chhavi@chhavi:~$ ansible all -a "echo hello"
3.82.191.245 | CHANGED | rc=0 >>
hello
54.235.229.102 | CHANGED | rc=0 >>
hello
```

1.2 To check all running processes on nodes.

Ans.

```
chhavi@chhavi:/etc/ansible$ ansible all -m shell -a '/bin/bash -c "ps -aux"'
3.82.191.245 | CHANGED | rc=0 >>
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.1  0.8 159772 9064 ?        Ss   10:19   0:02 /sbin/init
root         2  0.0  0.0      0     0 ?        S    10:19   0:00 [kthreadd]
root         3  0.0  0.0      0     0 ?        I    10:19   0:00 [kworker/0:0]
root         4  0.0  0.0      0     0 ?        I<   10:19   0:00 [kworker/0:0H]
root         6  0.0  0.0      0     0 ?        I<   10:19   0:00 [mm_percpu_wq]
root         7  0.0  0.0      0     0 ?        S    10:19   0:00 [ksoftirqd/0]
root         8  0.0  0.0      0     0 ?        I    10:19   0:00 [rcu_sched]
root         9  0.0  0.0      0     0 ?        I    10:19   0:00 [rcu_bh]
root        10  0.0  0.0      0     0 ?        S    10:19   0:00 [migration/0]
root        11  0.0  0.0      0     0 ?        S    10:19   0:00 [watchdog/0]
root        12  0.0  0.0      0     0 ?        S    10:19   0:00 [cpuhp/0]
root        13  0.0  0.0      0     0 ?        S    10:19   0:00 [kdevtmpfs]
root        14  0.0  0.0      0     0 ?        I<   10:19   0:00 [netns]

54.235.229.102 | CHANGED | rc=0 >>
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.1  0.9 159768 9096 ?        Ss   10:20   0:03 /sbin/init
root         2  0.0  0.0      0     0 ?        S    10:20   0:00 [kthreadd]
root         3  0.0  0.0      0     0 ?        I    10:20   0:00 [kworker/0:0]
root         4  0.0  0.0      0     0 ?        I<   10:20   0:00 [kworker/0:0H]
root         6  0.0  0.0      0     0 ?        I<   10:20   0:00 [mm_percpu_wq]
root         7  0.0  0.0      0     0 ?        S    10:20   0:00 [ksoftirqd/0]
root         8  0.0  0.0      0     0 ?        I    10:20   0:00 [rcu_sched]
root         9  0.0  0.0      0     0 ?        I    10:20   0:00 [rcu_bh]
root        10  0.0  0.0      0     0 ?        S    10:20   0:00 [migration/0]
root        11  0.0  0.0      0     0 ?        S    10:20   0:00 [watchdog/0]
root        12  0.0  0.0      0     0 ?        S    10:20   0:00 [cpuhp/0]
root        13  0.0  0.0      0     0 ?        S    10:20   0:00 [kdevtmpfs]
root        14  0.0  0.0      0     0 ?        I<   10:20   0:00 [netns]
root        15  0.0  0.0      0     0 ?        S    10:20   0:00 [rcu_tasks_kthre]
```

1.3 To copying files to multiple nodes concurrently.

Ans.

```

chhavi@chhavi:~$ cat file1.txt
hello world
chhavi@chhavi:~$ ansible all -m copy -a "src=/home/chhavi/file1.txt dest=/var/tmp"
3.82.191.245 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "checksum": "22596363b3de40b06f981fb85d82312e8c0ed511",
  "dest": "/var/tmp/file1.txt",
  "gid": 1000,
  "group": "ubuntu",
  "md5sum": "6f5902ac237024bdd0c176cb93063dc4",
  "mode": "0664",
  "owner": "ubuntu",
  "size": 12,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1584961443.08-3531592638526/source",
  "state": "file",
  "uid": 1000
}
54.235.229.102 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "checksum": "22596363b3de40b06f981fb85d82312e8c0ed511",
  "dest": "/var/tmp/file1.txt",
  "gid": 1000,
  "group": "ubuntu",
  "md5sum": "6f5902ac237024bdd0c176cb93063dc4",
  "mode": "0664",
  "owner": "ubuntu",
  "size": 12,
  "src": "/home/ubuntu/.ansible/tmp/ansible-tmp-1584961443.08-3531592638526/source",
  "state": "file",
  "uid": 1000
}

```

```

chhavi@chhavi:~$ ansible all -m shell -a '/bin/bash -c "ls /var/tmp"'
3.82.191.245 | CHANGED | rc=0 >>
cloud-init
file1.txt
systemd-private-f1b3a17bdb844b21ab311f99f2d69132-systemd-resolved.service-kh4nvN
systemd-private-f1b3a17bdb844b21ab311f99f2d69132-systemd-timesyncd.service-l530cf
54.235.229.102 | CHANGED | rc=0 >>
cloud-init
file1.txt
systemd-private-c4fedb85b8c84a1092d55264ee6a2ab1-systemd-resolved.service-ig0au4
systemd-private-c4fedb85b8c84a1092d55264ee6a2ab1-systemd-timesyncd.service-upHZyj
chhavi@chhavi:~$

```

1.4 To add and delete users.

Ans.

```

chhavi@chhavi:~$ mkpasswd --method=sha-512
Password:
$6$NKtcVXWvrGzN4c12$Rcrop0wChpjP0v5t7IEJQ3WcivJoFJAFeqssvIIKfTHtL9p5ezdSSybGxnmf0yVKjnhwXC8.y.u/iVDfquXUD.
chhavi@chhavi:~$

```

```

chhavi@chhavi: $ ansible all -b -m user -a "name=chhavi password=$6$NKtcVXhVrGzN4c12$Rcrop0wCHpjP0v5t7IEJQ3WcivJoFJAFeqssvIIKfTH
tl9p5ezdSSybgXmmf0yVKjnhWXC8.y.u/iVDfquXUD."
[WARNING]: The input password appears not to have been hashed. The 'password' argument must be encrypted for this module to
work properly.
3.82.191.245 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "comment": "",
  "create_home": true,
  "group": 1001,
  "home": "/home/chhavi",
  "name": "chhavi",
  "password": "NOT_LOGGING_PASSWORD",
  "shell": "/bin/sh",
  "state": "present",
  "system": false,
  "uid": 1001
}
54.235.229.102 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "comment": "",
  "create_home": true,
  "group": 1001,
  "home": "/home/chhavi",
  "name": "chhavi",
  "password": "NOT_LOGGING_PASSWORD",
  "shell": "/bin/sh",
  "state": "present",
  "system": false,
  "uid": 1001
}

chhavi@chhavi: $ ansible all -m shell -a '/bin/bash -c "cat /etc/passwd | tail -1"'
54.235.229.102 | CHANGED | rc=0 >>
chhavi:x:1001:1001::/home/chhavi:/bin/sh
3.82.191.245 | CHANGED | rc=0 >>
chhavi:x:1001:1001::/home/chhavi:/bin/sh
chhavi@chhavi: $

```

To delete users

```

chhavi@chhavi: $ ansible all -b -m user -a "name=chhavi state=absent"
3.82.191.245 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "force": false,
  "name": "chhavi",
  "remove": false,
  "state": "absent"
}
54.235.229.102 | CHANGED => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": true,
  "force": false,
  "name": "chhavi",
  "remove": false,
  "state": "absent"
}
chhavi@chhavi: $

```

2. Create nginx ansible-playbook and run the node, also check if nginx service and default page is running or not.

Ans.

Step 1: Write a playbook.yml

```

- hosts: all
  tasks:
    - name: update apt
      apt:
        update_cache: yes

    - name: ensure nginx is at the latest version
      apt:
        name: nginx
        state: latest

    - name: start nginx
      service:
        name: nginx
        state: started

```

Step 2: Run ansible playbook.

```

chhavi@chhavi:~$ ansible-playbook playbook.yml --become

PLAY [all] *****

TASK [Gathering Facts] *****
ok: [54.235.229.102]
ok: [3.82.191.245]

TASK [update apt] *****
changed: [3.82.191.245]
changed: [54.235.229.102]

TASK [ensure nginx is at the latest version] *****
changed: [54.235.229.102]
changed: [3.82.191.245]

TASK [start nginx] *****
ok: [3.82.191.245]
ok: [54.235.229.102]

PLAY RECAP *****
3.82.191.245      : ok=4    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
54.235.229.102   : ok=4    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

```

Step 3: Check if nginx is running on the nodes


```

chhavi@chhavi: $ ansible all -m command -a "service nginx status" --become
[WARNING]: Consider using the service module rather than running 'service'. If you need to use command because service is
insufficient you can add 'warn: false' to this command task or set 'command_warnings=False' in ansible.cfg to get rid of this
message.
3.82.191.245 | CHANGED | rc=0 >>
●nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2020-03-23 14:47:33 UTC; 2min 46s ago
     Docs: man:nginx(8)
   Main PID: 4988 (nginx)
      Tasks: 2 (limit: 1152)
   CGroup: /system.slice/nginx.service
           └─4988 nginx: master process /usr/sbin/nginx -g daemon on; master_process on;
             └─4991 nginx: worker process

Mar 23 14:47:33 ip-172-31-90-13 systemd[1]: Starting A high performance web server and a reverse proxy server...
Mar 23 14:47:33 ip-172-31-90-13 systemd[1]: nginx.service: Failed to parse PID from file /run/nginx.pid: Invalid argument
Mar 23 14:47:33 ip-172-31-90-13 systemd[1]: Started A high performance web server and a reverse proxy server.
54.235.229.102 | CHANGED | rc=0 >>
●nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2020-03-23 14:47:33 UTC; 2min 46s ago
     Docs: man:nginx(8)
   Main PID: 4952 (nginx)
      Tasks: 2 (limit: 1152)
   CGroup: /system.slice/nginx.service
           └─4952 nginx: master process /usr/sbin/nginx -g daemon on; master_process on;
             └─4954 nginx: worker process

Mar 23 14:47:33 ip-172-31-179-174 systemd[1]: Starting A high performance web server and a reverse proxy server...

```

Step 4: curl localhost:80

Node 1

```

chhavi@chhavi: $ ansible all -a "curl localhost:80"
[WARNING]: Consider using the get_url or uri module rather than running 'curl'. If you need to use command because get_url or
uri is insufficient you can add 'warn: false' to this command task or set 'command_warnings=False' in ansible.cfg to get rid of
this message.
3.82.191.245 | CHANGED | rc=0 >>
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
    body {
        width: 35em;
        margin: 0 auto;
        font-family: Tahoma, Verdana, Arial, sans-serif;
    }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html> % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current

```

Node 2

```

54.235.229.102 | CHANGED | rc=0 >>
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
  body {
    width: 35em;
    margin: 0 auto;
    font-family: Tahoma, Verdana, Arial, sans-serif;
  }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html>
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left     Speed

```

3. Create the roles for the same playbook and use custom conf file and index.html.

Ans.

Step 1: Initialize a role.(creating a role directory structure)

```

chhavi@chhavi:~/roles$ sudo ansible-galaxy init nginx_role
- Role nginx_role was created successfully
chhavi@chhavi:~/roles$ cd nginx_role/
chhavi@chhavi:~/roles/nginx_role$ ls
defaults  handlers  README.md  templates  vars
files     meta      tasks      tests
chhavi@chhavi:~/roles/nginx_role$ ll
total 48
drwxr-xr-x 10 root  root  4096 Mar 24 11:50 ./
drwxr-xr-x  3 chhavi chhavi 4096 Mar 24 11:50 ../
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 defaults/
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 files/
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 handlers/
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 meta/
-rw-r--r--  1 root  root  1328 Mar 24 11:50 README.md
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 tasks/
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 templates/
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 tests/
-rw-r--r--  1 root  root   539 Mar 24 11:50 .travis.yml
drwxr-xr-x  2 root  root  4096 Mar 24 11:50 vars/
chhavi@chhavi:~/roles/nginx_role$

```

Step 2: Now in tasks folder goto main.yml and write the required tasks.

```
- name: update apt
  apt:
    update_cache: yes

- name: ensure nginx is at the latest version
  apt:
    name: nginx
    state: latest

- name: start nginx
  service:
    name: nginx
    state: started

- name: copy conf file to sites-available
  copy:
    src: /etc/nginx/sites-available/xyz.com
    dest: /etc/nginx/sites-available/xyz.com
  become: yes

- name: delete the symlink ( default) in sites-enabled
  file:
    path: "/etc/nginx/sites-enabled/default"
    state: absent

- name: create symlink
  file:
```



```
- name: create symlink
  file:
    src: /etc/nginx/sites-available/xyz.com
    dest: /etc/nginx/sites-enabled/default
    state: link
  become: yes

- name: delete the default file
  file:
    path: /etc/nginx/sites-available/default
    state: absent

- name: copy the content of website
  copy:
    src: /var/www/html/xyz.html
    dest: /var/www/html/
  become: yes

- name: reload nginx
  service:
    name: nginx
    state: reloaded
  become: yes
```

Step 3: Create a playbook and include the role in it.

```
chhavi@chhavi: ~/ansible
--
- hosts: all
  become: yes
  roles:
    - nginx_role
```

Step 4: Make sure the conf file and the html page exists.

```
chhavi@chhavi:/etc/nginx/sites-enabled$ cat xyz.com
server{
    listen 80;
    root /var/www/html;
    index xyz.html;
#    error_page 404 error.html;
    server_name xyz.com;
}
chhavi@chhavi:/etc/nginx/sites-enabled$
```

```
chhavi@chhavi:/var/www/html$ cat xyz.html
<html>
    <head>
        <title>Test</title>
    </head>
    <body>
        Hello from xyz.com
    </body>
</html>

chhavi@chhavi:/var/www/html$
```

Step 5: Run the playbook.

```
chhavi@chhavi:~/ansible$ ansible-playbook nginx.yml

PLAY [all] *****
*****

TASK [Gathering Facts] *****
*****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [nginx_role : update apt] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

TASK [nginx_role : ensure nginx is at the latest version] *****
*****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [nginx_role : start nginx] *****
*****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [nginx_role : copy conf file to sites-available] *****
*****
ok: [54.145.133.224]
ok: [3.87.205.76]
```

```

TASK [nginx_role : delete the symlink ( default) in sites-enabled] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

TASK [nginx_role : create symlink] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

TASK [nginx_role : delete the default file] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

TASK [nginx_role : copy the content of website] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

TASK [nginx_role : reload nginx] *****
*****
changed: [54.145.133.224]
changed: [3.87.205.76]

PLAY RECAP *****
*****
3.87.205.76      : ok=10  changed=6  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
54.145.133.224 : ok=10  changed=6  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0

```

Step 6: Check if curl localhost:80 returns the desired nginx page.

```

chhavi@chhavi:~/ansible$ ansible all -m command -a "curl localhost:80"
[WARNING]: Consider using the get_url or uri module rather than running 'curl'. If you need to use command because get_url or u
ri is insufficient you can add 'warn: false' to this
command task or set 'command_warnings=False' in ansible.cfg to get rid of this message.
54.145.133.224 | CHANGED | rc=0 >>
<html>
  <head>
    <title>Test</title>
  </head>
  <body>
    Hello from xyz.com
  </body>
</html>
 % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  150  100  150    0     0   9375      0 --:--:-- --:--:-- --:--:--  9375
3.87.205.76 | CHANGED | rc=0 >>
<html>
  <head>
    <title>Test</title>
  </head>
  <body>
    Hello from xyz.com
  </body>
</html>
 % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  150  100  150    0     0  13636      0 --:--:-- --:--:-- --:--:-- 13636

```

4. Using loops, copy multiple files from ansible machine to remote node.

Ans.

Step 1: Create a playbook as follows


```

- - -
- name: Copy multiple files from local to remote
  hosts: all
  tasks:
    - name: copy files using a loop
      copy:
        src: "/home/chhavi/{{item}}"
        dest: /home/ubuntu/
      loop:
        - file.txt
        - file1.txt
        - file2.txt

```

Step 2: Run playbook

```

chhavi@chhavi:~/ansible$ ansible-playbook copymultiple.yml

PLAY [Copy multiple files from local to remote] *****

TASK [Gathering Facts] *****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [copy files using a loop] *****
changed: [3.87.205.76] => (item=file.txt)
changed: [54.145.133.224] => (item=file.txt)
changed: [3.87.205.76] => (item=file1.txt)
changed: [54.145.133.224] => (item=file1.txt)
changed: [54.145.133.224] => (item=file2.txt)
changed: [3.87.205.76] => (item=file2.txt)

PLAY RECAP *****
3.87.205.76      : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
54.145.133.224 : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

```

Step 3: Check if the files were copied on the remote successfully

```

chhavi@chhavi:~/ansible$ ansible all -m shell -a '/bin/bash -c "ls /home/ubuntu"'
3.87.205.76 | CHANGED | rc=0 >>
file.txt
file1.txt
file2.txt
54.145.133.224 | CHANGED | rc=0 >>
file.txt
file1.txt
file2.txt

```

5. Write a playbook to demonstrate the precedence of default and var file, override them from CLI.

Ans.

Step 1: Create a role for checking variable precedence

```
chhavi@chhavi:~/ansible$ ansible-galaxy init var_precedence
- Role var_precedence was created successfully
chhavi@chhavi:~/ansible$ ls
copymultiple.yml  nginx_role  nginx.yml  var_precedence
chhavi@chhavi:~/ansible$ cd var_precedence/
chhavi@chhavi:~/ansible/var_precedence$ cd ..
chhavi@chhavi:~/ansible$ tree var_precedence/
var_precedence/
├── defaults
│   └── main.yml
├── files
├── handlers
│   └── main.yml
├── meta
│   └── main.yml
├── README.md
├── tasks
│   └── main.yml
├── templates
├── tests
│   ├── inventory
│   └── test.yml
└── vars
    └── main.yml

8 directories, 8 files
```

Step 2: In tasks folder write a main.yml to display port number.

```
---
- name: Check
  debug:
    msg: "port is {{ ports }}"
```

Step 3: In vars folder write a main.yml to include the variable value of ports

```
chhavi@chhavi: ~/ansible/var_precedence/vars
File Edit View Search Terminal Help
---
# vars file for var_precedence
ports: "8080"
```

Step 4: In defaults, again write a main.yml to include the variable value of ports

```
chhavi@chhavi: ~/ansible/var_precedence/defaults
File Edit View Search Terminal Help
---
# defaults file for var_precedence
ports: "80"
```

Step 5: Now write a playbook and include the above created role in it.

```
---
- name: To check var precedence
  hosts: all
  roles:
    - var_precedence
```

Step 6: Run the playbook and see the result.

```
chhavi@chhavi:~/ansible$ ansible-playbook varcheck.yml

PLAY [To check var precedence] *****

TASK [Gathering Facts] *****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [var_precedence : Check] *****
ok: [54.145.133.224] => {
  "msg": "port is 8080"
}
ok: [3.87.205.76] => {
  "msg": "port is 8080"
}

PLAY RECAP *****
3.87.205.76      : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
54.145.133.224  : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

Step 6: Override variable from command line.

```
chhavi@chhavi:~/ansible$ ansible-playbook varcheck.yml -e "ports=70" --check

PLAY [To check var precedence] *****

TASK [Gathering Facts] *****
ok: [54.145.133.224]
ok: [3.87.205.76]

TASK [var_precedence : Check] *****
ok: [54.145.133.224] => {
  "msg": "port is 70"
}
ok: [3.87.205.76] => {
  "msg": "port is 70"
}

PLAY RECAP *****
3.87.205.76      : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
54.145.133.224  : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```