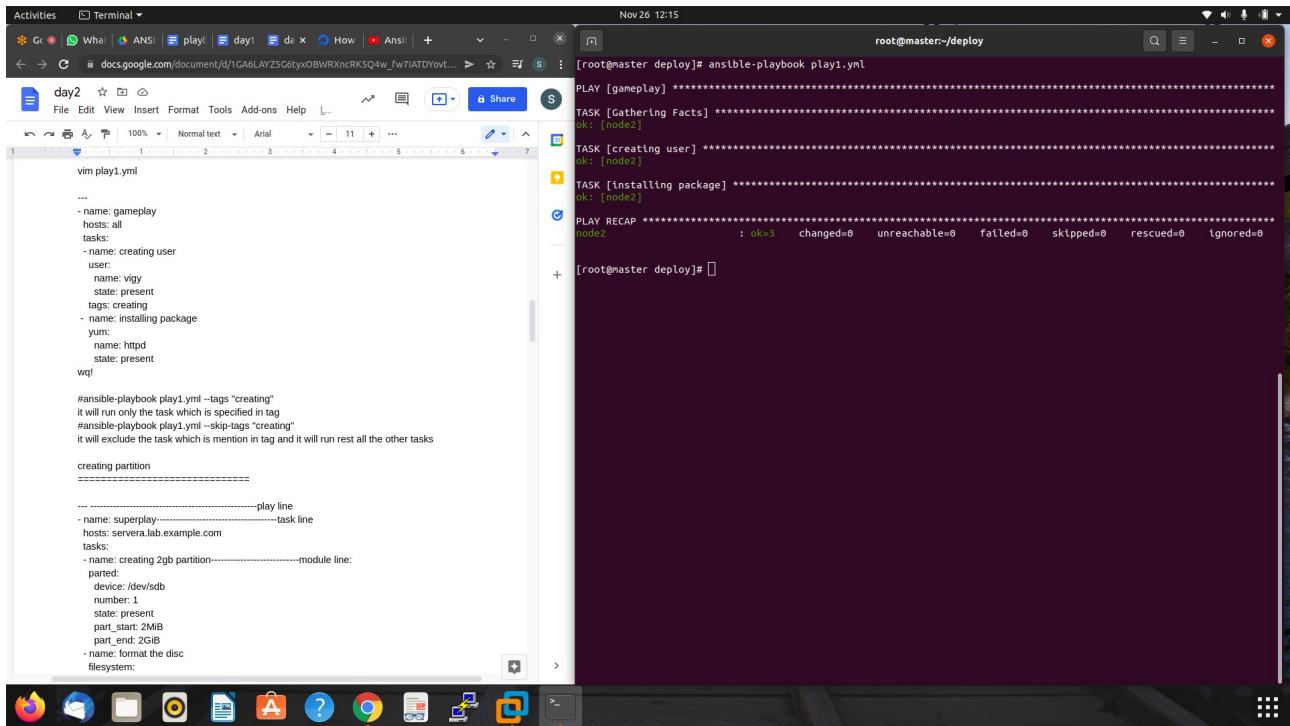


Playbook Assignment

Submitted by
Senjila s



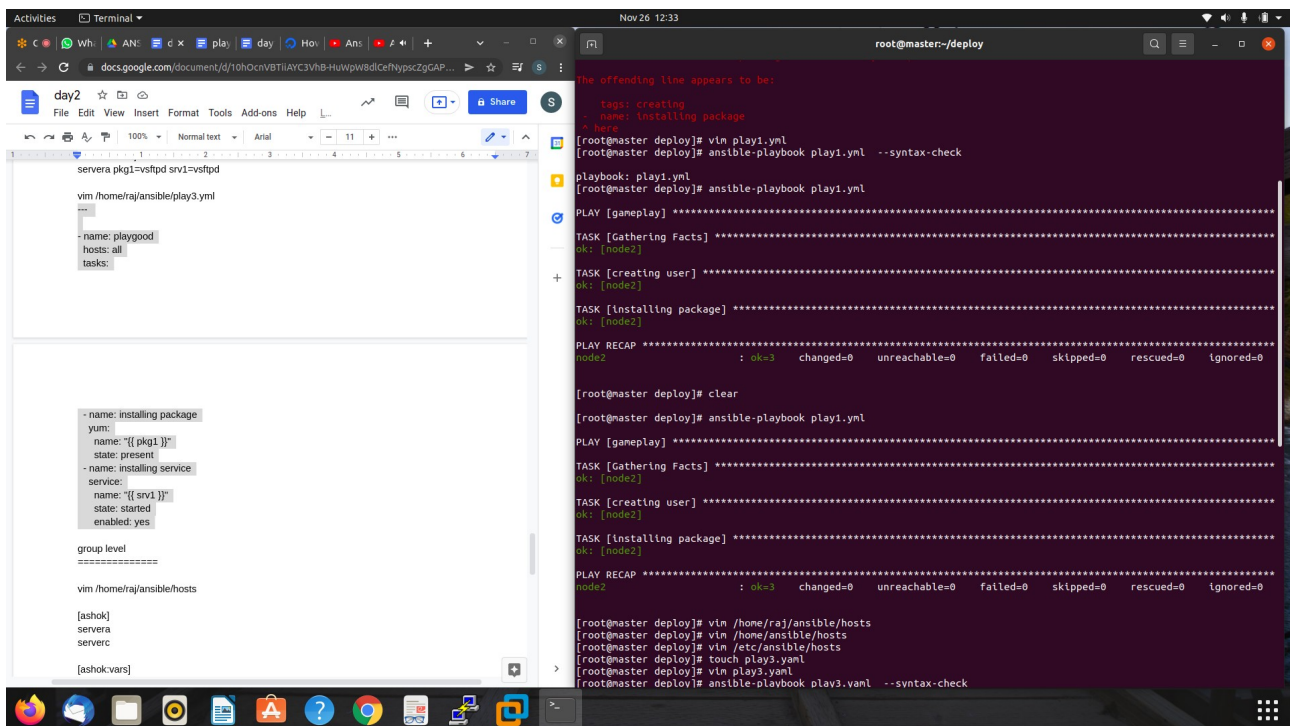
```
vim play1.yml
...
- name: gameplay
  hosts: all
  tasks:
    - name: creating user
      user:
        name: vjgy
        state: present
        tags: creating
    - name: installing package
      yum:
        name: httpd
        state: present
      tags: creating

#ansible-playbook play1.yml --tags "creating"
#it will run only the task which is specified in tag
#ansible-playbook play1.yml --skip-tags "creating"
#it will exclude the task which is mention in tag and it will run rest all the other tasks

creating partition
=====
-----play line
- name: superplaybook-----task line
  hosts: servera.lab.example.com
  tasks:
    - name: creating 2gb partition-----module line:
      parted:
        device: /dev/sdb
        number: 1
        state: present
        part_start: 2MB
        part_end: 2GB
    - name: format the disc
      filesystem:

[root@master deploy]# ansible-playbook play1.yml
PLAY [gameplay] *****
TASK [Gathering Facts] *****
ok: [node2]
TASK [creating user] *****
ok: [node2]
TASK [installing package] *****
ok: [node2]
PLAY RECAP *****
node2 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]#
```



```
servera pkg1=vsftpd srv1=vsftpd
vim /home/raj/ansible/play3.yml
...
- name: playgood
  hosts: all
  tasks:
    - name: installing package
      yum:
        name: "{{ pkg1 }}"
        state: present
    - name: installing service
      service:
        name: "{{ srv1 }}"
        state: started
        enabled: yes

group level
=====
vim /home/raj/ansible/hosts
[ashok]
servera
serverc

[ashokvars]

the offending line appears to be:
tags: creating
- name: installing package
  - here
[root@master deploy]# vln play1.yml
[root@master deploy]# ansible-playbook play1.yml --syntax-check
playbook: play1.yml
[root@master deploy]# ansible-playbook play1.yml
PLAY [gameplay] *****
TASK [Gathering Facts] *****
ok: [node2]
TASK [creating user] *****
ok: [node2]
TASK [installing package] *****
ok: [node2]
PLAY RECAP *****
node2 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# clear
[root@master deploy]# ansible-playbook play1.yml
PLAY [gameplay] *****
TASK [Gathering Facts] *****
ok: [node2]
TASK [creating user] *****
ok: [node2]
TASK [installing package] *****
ok: [node2]
PLAY RECAP *****
node2 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# vln /home/raj/ansible/hosts
[root@master deploy]# vln /home/ansible/hosts
[root@master deploy]# vln /etc/ansible/hosts
[root@master deploy]# touch play3.yml
[root@master deploy]# vln play3.yml
[root@master deploy]# ansible-playbook play3.yml --syntax-check
```

Playbook Assignment

Submitted by
Senjila s

```
Activities Terminal Nov 26 12:41
root@master:~/deploy

TASK [installing package] *****
fatal: [node2]: FAILED! => ["msg": "The task includes an option with an undefined variable. The error was: 'pkg1' is undefined\n\nthe error appears to be in '/root/deploy/play3.yaml': line 6, column 5, but may\nbe elsewhere in the file depending on the exact syntax problem.\n\nthe offending line appears to be:\n\n  tasks:\n    - name: installing package\n      ^ here\n"]

PLAY RECAP *****
node2                : ok=1    changed=0    unreachable=0    failed=1    skipped=0    rescued=0    ignored=0
servers              : ok=0    changed=0    unreachable=1    failed=0    skipped=0    rescued=0    ignored=0

[root@master deploy]# vim play3.yaml
[root@master deploy]# vim /etc/ansible/hosts
[root@master deploy]# ansible-playbook play3.yaml --syntax-check

playbook: play3.yaml
[root@master deploy]# ansible-playbook play3.yaml

PLAY [playgood] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing package] *****
changed: [node2]

TASK [installing service] *****
changed: [node2]

PLAY RECAP *****
node2                : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

[root@master deploy]# vim /etc/ansible/hosts
[root@master deploy]# touch play4.yaml
[root@master deploy]# vim play4.yaml
[root@master deploy]# ansible-playbook play4.yaml --syntax-check

playbook: play4.yaml
[root@master deploy]# ansible-playbook play4.yaml

PLAY [playgood] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing package] *****
changed: [node2]

TASK [installing service] *****
changed: [node2]

PLAY RECAP *****
node2                : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

[root@master deploy]#
```

```
Activities Terminal Nov 26 12:51
root@master:~/deploy

playbook: play4.yaml
[root@master deploy]# ansible-playbook play4.yaml

PLAY [playgood] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing package] *****
changed: [node2]

TASK [installing service] *****
changed: [node2]

PLAY RECAP *****
node2                : ok=3    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

[root@master deploy]# touch plays.yaml
[root@master deploy]# vim plays.yaml
[root@master deploy]# ansible-playbook plays.yaml --syntax-check

playbook: plays.yaml
[root@master deploy]# ansible-playbook plays.yaml

PLAY [playgood] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing package] *****
ok: [node2]

TASK [installing service] *****
ok: [node2]

TASK [getting output] *****
ok: [node2] => {
  "output": {
    "changed": false,
    "failed": false,
    "msg": "",
    "rc": 0,
    "results": [
      "1:autofs-5.0.7-116.el7_9.x86_64 providing autofs is already installed"
    ]
  }
}

PLAY RECAP *****
node2                : ok=4    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

[root@master deploy]#
```

Playbook Assignment

Submitted by
Senjila s

```
Activities Terminal Nov 26 12:59
root@master:~/deploy

playbook: plays.yaml
[root@master deploy]# ansible-playbook plays.yaml

PLAY [playgood] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [Installing package] *****
ok: [node2]

TASK [Installing service] *****
ok: [node2]

TASK [getting output] *****
ok: [node2] => {
  "output": {
    "changed": false,
    "failed": false,
    "msg": "",
    "rc": 0,
    "results": [
      "1:autofs-5.0.7-116.el7_9.x86_64 providing autofs is already installed"
    ]
  }
}

PLAY RECAP *****
node2 : ok=4 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# touch loops.yaml
[root@master deploy]# vln loops.yaml
[root@master deploy]# ansible-playbook loops.yaml --syntax-check

playbook: loops.yaml
[root@master deploy]# ansible-playbook loops.yaml

PLAY [joy] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [package installation] *****
[DEPRECATION WARNING]: Including 'yum' only once while using a loop via squash_actions is deprecated. Instead of using a loop to supply multiple items and specifying 'name: {{{ item }}}', please use 'name: ['httpd', 'vsftpd', 'autofs']' and remove the loop. This feature will be removed in version 2.11. Deprecation warnings can be disabled by setting deprecation_warnings=False in ansible.cfg.
ok: [node2] => (item=['httpd', 'u'vsftpd', 'u'autofs'])

PLAY RECAP *****
node2 : ok=2 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]#
```

```
Activities Terminal Nov 26 14:38
root@master:~/deploy

[root@master deploy]# vln /etc/ansible/hosts
[root@master deploy]# touch partition
[root@master deploy]# touch partition.yaml
[root@master deploy]# vln partition.yaml
[root@master deploy]# ansible-playbook partition.yaml --syntax-check

playbook: partition.yaml
[root@master deploy]# ansible-playbook partition.yaml

PLAY [superplay] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [creating 2gb partition] *****
changed: [node2]

TASK [format the disc] *****
ok: [node2] => {"changed": false, "msg": "Device /dev/sdb1 not found."}

PLAY RECAP *****
node2 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# cd
[root@master ~]# mkdir /dev/sdb1/
[root@master ~]# cd deploy
[root@master deploy]# ansible-playbook partition.yaml

PLAY [superplay] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [creating 2gb partition] *****
changed: [node2]

TASK [format the disc] *****
changed: [node2]

TASK [creating directory] *****
changed: [node2]

TASK [mount the partition] *****
changed: [node2]

PLAY RECAP *****
node2 : ok=5 changed=4 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# vln /etc/ansible/hosts
[root@master deploy]# vln play4.yaml
[root@master deploy]#
```

Playbook Assignment

Submitted by
Senjila s

```
Activities Terminal Nov 26 16:08
root@master:~/deploy

[root@master ~]# cd deploy
[root@master deploy]# ansible-playbook partition.yaml

PLAY [superplay] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [creating 2gb partition] *****
changed: [node2]

TASK [format the disc] *****
changed: [node2]

TASK [creating directory] *****
changed: [node2]

TASK [mount the partition] *****
changed: [node2]

PLAY RECAP *****
node2 : ok=5 changed=4 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# vi /etc/ansible/hosts
[root@master deploy]# vi play4.yaml
[root@master deploy]# touch loop1.yaml
[root@master deploy]# vi loop1.yaml
[root@master deploy]# ansible-playbook loop1.yaml --syntax-check

playbook: loop1.yaml
[root@master deploy]# ansible-playbook loop1.yaml

PLAY [variable task] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [creating users] *****
changed: [node2] => (item=b)
changed: [node2] => (item=a)
changed: [node2] => (item=c)

PLAY RECAP *****
node2 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# touch loop2.yaml
[root@master deploy]# vi loop2.yaml
[root@master deploy]# ansible-playbook loop2.yaml --syntax-check

playbook: loop2.yaml
[root@master deploy]# ansible-playbook loop2.yaml
```

```
Activities Terminal Nov 26 16:31
root@master:~/deploy

node2 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]# vi boolean.yaml
[root@master deploy]# ansible-playbook boolean.yaml

PLAY [checking boolean] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing a package] *****
skipping: [node2]

PLAY RECAP *****
node2 : ok=1 changed=0 unreachable=0 failed=0 skipped=1 rescued=0 ignored=0

[root@master deploy]# vi operation.yaml
[root@master deploy]# ansible-playbook operation.yaml --syntax-check

playbook: operation.yaml
[root@master deploy]# ansible-playbook operation.yaml

PLAY [checking boolean] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing a package] *****
skipping: [node2]

PLAY RECAP *****
node2 : ok=1 changed=0 unreachable=0 failed=0 skipped=1 rescued=0 ignored=0

[root@master deploy]# vi operation2.yaml
[root@master deploy]# vi operation2.yaml
[root@master deploy]# ansible-playbook operation2.yaml --syntax-check

playbook: operation2.yaml
[root@master deploy]# ansible-playbook operation2.yaml

PLAY [demonstrating ln task] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [installing package] *****
changed: [node2]

PLAY RECAP *****
node2 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

[root@master deploy]#
```

Playbook Assignment

Submitted by
Senjila s

```
Activities  Terminal  Nov 26 16:57
root@master:~/deploy

[root@master deploy]# ansible-playbook handler.yaml
PLAY [deno task] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [Installing the package] *****
PLAY RECAP *****
node2 : ok=2  changed=0  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0

[root@master deploy]# vi ignore.yaml
[root@master deploy]# ansible-playbook ignore.yaml --syntax-check
ERROR! we were unable to read either as JSON nor YAML, these are the errors we got from each:
JSON: no JSON object could be decoded
SyntaxError while loading YAML:
  mapping values are not allowed in this context

The error appears to be in '/root/deploy/ignore.yaml': line 2, column 7, but may
be elsewhere in the file depending on the exact syntax problem.

The offending line appears to be:

---
- name: deno task
  here
[root@master deploy]# vi ignore.yaml
[root@master deploy]# ansible-playbook ignore.yaml --syntax-check
playbook: ignore.yaml
[root@master deploy]# ansible-playbook ignore.yaml
PLAY [deno task] *****
TASK [Gathering Facts] *****
ok: [node2]

TASK [Installing the package] *****
fatal: [node2]: FAILED! => {changed: false, msg: "No package matching 'nopkg' found available, installed or updated", rc: 126, results: ["No package matching 'nopkg' found available, installed or updated"]}
..ignoring

TASK [creating a file] *****
changed: [node2]

PLAY RECAP *****
node2 : ok=3  changed=1  unreachable=0  failed=0  skipped=0  rescued=0  ignored=1

[root@master deploy]#
```