**IMPLEMENTING TASK CONTROL**



**[ansible@node1 project]$ cat simple\_loops.yaml**

**- name: Test inclsuion file...**

**hosts: all**

**become: true**

**remote\_user: ansible**

**tasks:**

**- name: package installation....**

**yum:**

**name: "{{ item }}"**

**state: present**

**with\_items:**

**- postfix**

**- dovecot**

**- ftp**

**- vsftpd**

**- lftp**

**- wget**

**- unzip**

**- net-tools**

**# ansible-playbook --syntax-check simple\_loops.yaml**

**# ansible-playbook simple\_loops.yaml –C**

**# ansible-playbook simple\_loops.yaml**

**# ansible all -m command -a 'rpm -qa postfix '**

**# ansible all -m command -a 'rpm -qa dovecot '**

**# ansible all -m command -a 'rpm -qa ftp '**

**# ansible all -m command -a 'rpm -qa unzip '**

**# ansible all -m command -a 'rpm -qa vsftpd '**

**###########################################**

**[ansible@node1 project]$ cat simple\_loops-1.yaml**

**- name: Test inclsuion file...**

**hosts: all**

**become: true**

**remote\_user: ansible**

**vars:**

**- USERS:**

**- kalia**

**- balia**

**- raja**

**- jaga**

**tasks:**

**- name: users creation ....**

**user:**

**name: "{{ item }}"**

**state: present**

**with\_items:**

**- "{{ USERS }}"**

**# ansible-playbook --syntax-check simple\_loops-1.yaml**

**# ansible-playbook simple\_loops-1.yaml –C**

**# ansible-playbook simple\_loops-1.yaml**

**# ansible all -m command -a ‘ id kalia'**

**# ansible all -m command -a ' id balia '**

**####################################################  
[ansible@node1 project]$ cat simple\_loops-1.yaml**

**- name: Test inclsuion file...**

**hosts: all**

**become: true**

**remote\_user: ansible**

**vars:**

**- USERS:**

**- kalia**

**- balia**

**- raja**

**- jaga**

**- PKG:**

**- dovecot**

**- postfix**

**- ftp**

**- vstpd**

**- httpd**

**tasks:**

**- name: users creation and package installation ....**

**user:**

**name: "{{ item }}"**

**state: present**

**with\_items:**

**- "{{ USERS }}"**

**- name: package installation ...**

**yum:**

**name: "{{ item }}"**

**state: present**

**with\_items:**

**- "{{ PKG }}"**

**[ansible@node1 project]$ cat list\_hashes.yaml**

**- hosts: all**

**become: true**

**remote\_user: ansible**

**tas****ks:**

**- name: user creation with adding group...**

**user:**

**name: "{{ item.name }}"**

**state: present**

**groups: "{{ item.groups }}”**

**with\_items:**

**- { name: 'jane', groups: 'wheel' }**

**- { name: 'jagan', groups: 'root' }**

**[ansible@node1 project]$ cat my\_sql.yaml**

**- hosts: all**

**become: true**

**remote\_user: ansible**

**vars:**

**users:**

**- joe**

**- jane**

**tasks:**

**- name: databse user creation...**

**mysql\_user:**

**name: "{{ item }}"**

**#password: redhat**

**with\_items:**

**- "{{ users }}"**

**- name: database privileges...**

**mysql\_user:**

**name: "{{ item[0] }}"**

**priv: "{{ item[1] }}.\*:ALL"**

**append\_privs: yes**

**with\_nested:**

**- [ 'joe', 'jane' ]**

**- [ 'clientdb', 'employeedb', 'providerdb' ]**

**[ansible@node1 ~]$ cat mysqql.yml**

**- hosts: all**

**become: yes**

**remote\_user: ansible**

**tasks:**

**- mysql\_user:**

**name: Bob**

**state: present**

**password: 12345**

**priv: '\*.\*:ALL'**















**[ansible@node1 project]$ cat condition.yaml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- name: create a user on dbserver...**

**user:**

**name: kalia**

**state: present**

**when: inventory\_hostname in groups["dbservers"]**

**- name: create a user on dbserver...**

**user:**

**name: balia**

**state: present**

**when: inventory\_hostname in groups["dbservers"] and ansible\_hostname == "node1"**

**- name: checking double conditions....**

**yum:**

**name: httpd**

**state: latest**

**when: inventory\_hostname == "node1" or inventory\_hostname == "worker2"**



**[ansible@node1 project]$ cat booleans.yaml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**vars:**

**my\_service: true**

**tasks:**

**- name: package installation...**

**yum:**

**name: ftp**

**when: my\_service**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**vars:**

**my\_service: false**

**tasks:**

**- name: package installation...**

**yum:**

**name: httpd**

**when: my\_service**

**Ansible Handlers:-**



**[ansible@node1 project]$ cat handlers.aml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- name: install apache 7**

**yum:**

**name: httpd**

**state: latest**

**when: ansible\_fqdn == "node1.example.com"**

**notify:**

**- start\_apache**

**handlers:**

**- name: start\_apache**

**service:**

**name: httpd**

**state: started**



**[ansible@node1 project]$ cat handler1.yaml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- name: File Creation...**

**file:**

**name: "{{ item }}"**

**state: touch**

**with\_items:**

**- f1.txt**

**- f2.txt**

**- f3.txt**

**- f4.txt**

**- f5.txt**

**notify: MSG**

**handlers:**

**- name: MSG**

**debug:**

**msg: Welcome**







**[ansible@node1 project]$ cat tag.yml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- name: user creation...**

**user:**

**name: Biju**

**state: present**

**tags: tag1**

**- name: user creation...**

**user:**

**name: Mangu**

**state: present**

**- name: user creation...**

**user:**

**name: Kalu**

**state: present**

**tags: tag2**

**- name: user creation...**

**user:**

**name: bala**

**state: present**

**-----------------------------------------------------------------  
# ansible-playbook --tags=tag1 tag.yml**

**# ansible-playbook -t tag1 tag.yml**

**# ansible-playbook tag.yml --skip-tags=tag2**



**[ansible@node1 project]$ cat ignore\_error.yaml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- name: installing...**

**yum:**

**name: gopi**

**state: present**

**ignore\_errors: yes**

**- name: Debug the message**

**debug:**

**msg: Hello-world**



**[ansible@node1 project]$ cat block\_rescue\_always.yaml**

**---**

**- name: conditional playbook...**

**hosts: all**

**remote\_user: ansible**

**become: true**

**tasks:**

**- block:**

**- name: package installation.....**

**yum:**

**name: vim**

**state: present**

**rescue:**

**- name: Display message...**

**debug:**

**msg: block failed...**

**always:**

**- name: Display message for always...**

**debug:**

**msg: always will run always...**

