

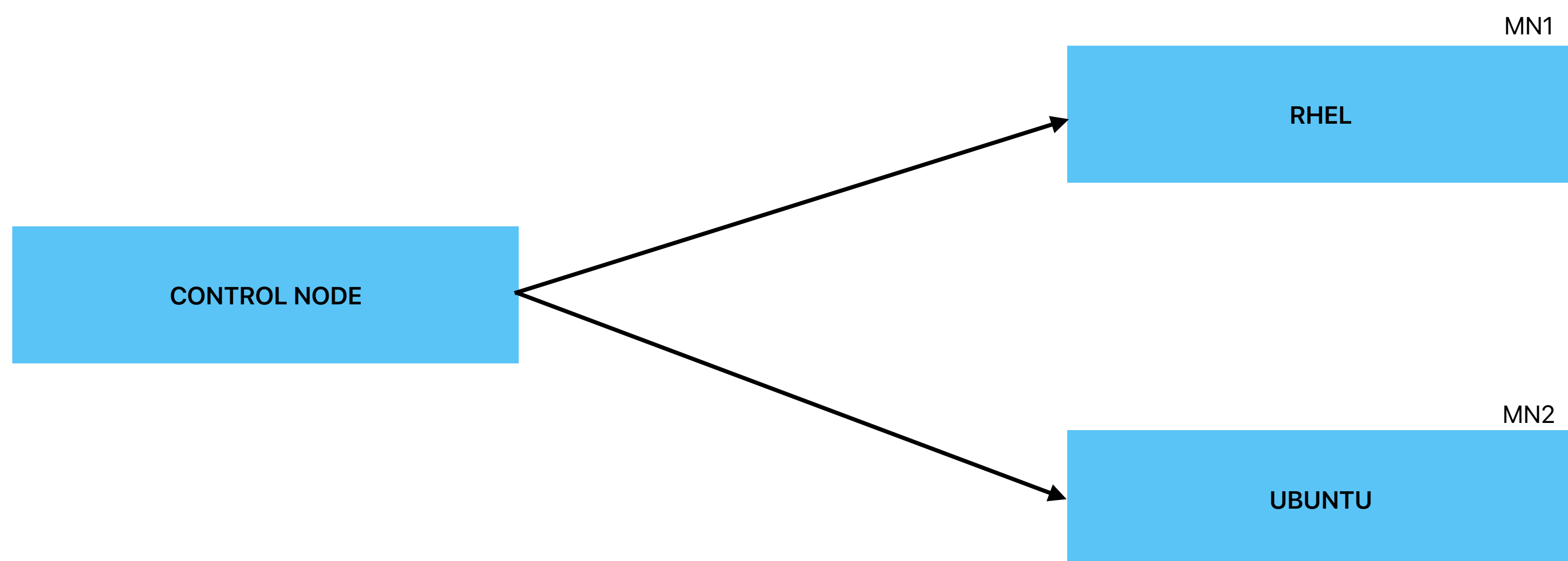
Loops

```
---
- name: Copy multiple files
  hosts: all
  tasks:
    - name: Using copy module
      copy:
        src: "{{ item }}"
        dest: /
      loop:
        - a.txt
        - b.txt
        - c.txt
        - d.txt
        - e.txt
```

Multiple Loops

```
---
- name: Copy multiple files
  hosts: all
  tasks:
    - name: Using copy module
      copy:
        src: "{{ item.src }}"
        dest: "{{ item.dest }}"
      loop:
        - src: a.txt
          dest: /home
        - src: b.txt
          dest: /root
        - src: c.txt
          dest: /
        - src: d.txt
          dest: /etc
        - src: e.txt
          dest: /home
```

Conditionals



```
---
- name: Install packages
  hosts: all
  tasks:
    - name: Install package in RHEL Machine
      dnf:
        name: httpd
        state: present
      when: ansible_distribution == "RedHat"

    - name: Install package in Ubuntu Machine
      apt:
        name: apache2
        state: present
      when: ansible_distribution == "Ubuntu"
```

Usable Conditionals

1. ==
2. <
3. >
4. <=
5. >=
6. !=
7. (Var/fact) is defined
8. (Var/fact) is not defined
9. "or" and "and" can be used

```
---
- name: Install packages
  hosts: all
  tasks:
    - name: Install package in RHEL Machine
      dnf:
        name: httpd
        state: present
      when: ansible_distribution == "RedHat" or ansible_memtotal_mb > 2000
```