

Task 18: Automated Apache Deployment with Ansible: Simplifying Web Server Setup

Ansible is an open-source automation tool developed by Red Hat. It is used for configuration management, application deployment, task automation, and IT orchestration. Ansible simplifies managing large-scale IT infrastructure by automating repetitive tasks and ensuring consistency across systems.

Apache is one of the most widely used web servers, known for its flexibility and scalability in hosting websites and applications. Automating its deployment with Ansible streamlines the process of setting up web servers in dynamic and large-scale environments.

This task involves leveraging **Ansible**, a powerful automation tool, to efficiently install and start the **Apache HTTP server** (commonly referred to as httpd or apache2) across multiple servers. This automation ensures that the web server is deployed uniformly on all target systems without manual intervention, saving time and reducing the risk of configuration errors.

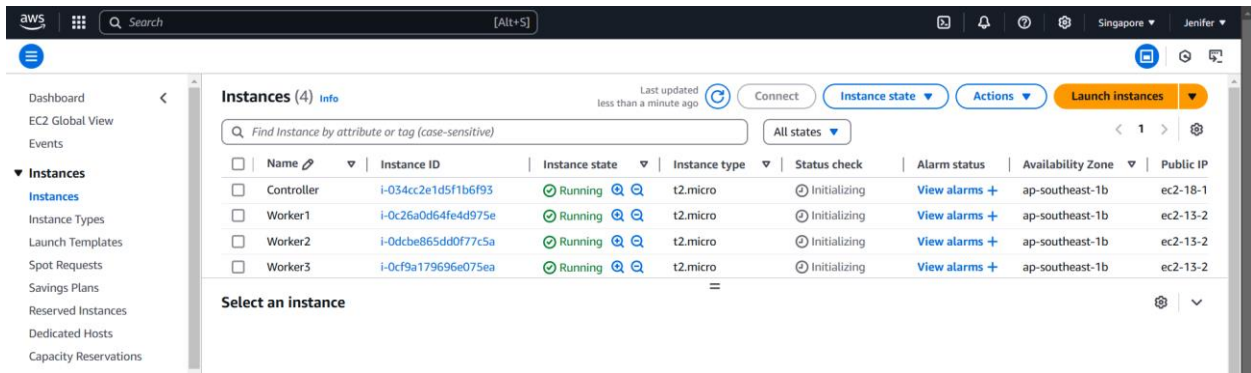
Objective:

The primary goal of this task is to:

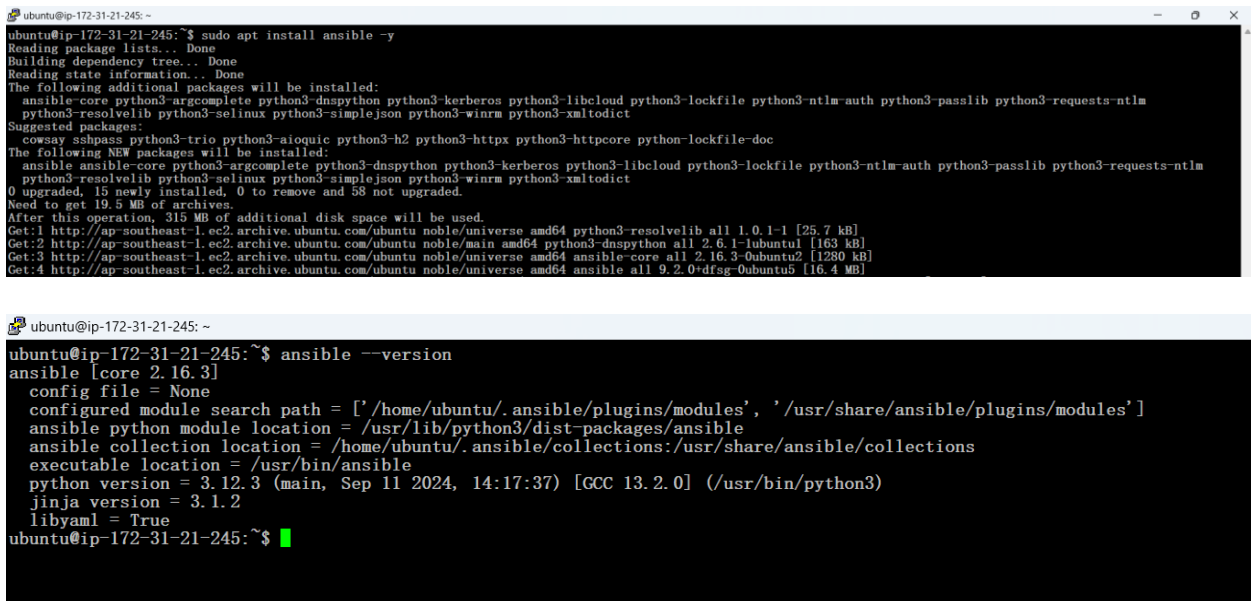
- Install the Apache server on all target nodes.
- Ensure the Apache service is enabled to start at boot.
- Start the Apache server to make it operational immediately.

Practical Implementation: Deploying Apache with Ansible (Step-by-Step with Screenshots)

1. I have set up one controller node and three worker nodes to execute this task



2. I have installed Ansible in the controller node



3. Setting up password-less SSH key authentication between the controller node and the worker nodes for seamless and secure communication.

```
ubuntu@ip-172-31-21-245: ~/ssh
ubuntu@ip-172-31-21-245:~$ ssh-keygen
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_ed25519
Your public key has been saved in /home/ubuntu/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:rCNxg50h/Iuj0cKFcj0lMN1+PjqWyMxbUQnmJWmemCw ubuntu@ip-172-31-21-245
The key's randomart image is:
+--[ED25519 256]--+
  +.
  .+o+ .
  o..==.o
  E+==o= .
  .oB.B + S
  oo.+ B o
  o=..+. =
  o*o++ o
  ..o+o.
+-----[SHA256]-----+
ubuntu@ip-172-31-21-245:~$ cd /home/ubuntu/.ssh/
ubuntu@ip-172-31-21-245:~/.ssh$ ls
authorized_keys  id_ed25519  id_ed25519.pub
ubuntu@ip-172-31-21-245:~/.ssh$ cat id_ed25519.pub
ssh-ed25519 AAAAC3NzaC1lZD11NTE5AAAAIOk+NC1T5voXFxUmcgSi4VT38IoN05WKhU1criowjgch ubuntu@ip-172-31-21-245
ubuntu@ip-172-31-21-245:~/.ssh$
```

```
ubuntu@ip-172-31-18-113: ~/ssh
ubuntu@ip-172-31-18-113:~$ ssh-keygen
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_ed25519
Your public key has been saved in /home/ubuntu/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:4mTDQosbepCUmyza6myfY62dNSDSkGWtp4Ml09Iq4k4 ubuntu@ip-172-31-18-113
The key's randomart image is:
+--[ED25519 256]--+
|  o. |
|  =  |
|  =  |
|oo==+ |
|+*Bo=.* S |
|+Bo=.=.o |
|+E= o .o |
|*+ oo.o . |
|O=o+oo |
+-----[SHA256]-----+
ubuntu@ip-172-31-18-113:~$ cd /home/ubuntu/.ssh
ubuntu@ip-172-31-18-113:~/.ssh$ ls
authorized_keys  id_ed25519  id_ed25519.pub
ubuntu@ip-172-31-18-113:~/.ssh$ vi authorized_keys
```

Authorized keys are public SSH keys that are stored on a server to grant access to users or systems with the corresponding private SSH keys. They are a crucial part of SSH-based password-less authentication, enabling secure access to a system without requiring a password.

4. Storing Controller's Public key into the Worker node's Authorized keys

```
ubuntu@ip-172-31-18-113: ~/.ssh
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIOk+NClT5voXfXUmcgSi4VT38IoN05WKH0U1criowjgch ubuntu@ip-172-31-21-24
```

```
ubuntu@ip-172-31-31-111: ~/.ssh
Enter file in which to save the key (/home/ubuntu/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_ed25519
Your public key has been saved in /home/ubuntu/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:/0Sz10ZnukDwQBOAMmtsxbvH4jyY5WW3Mej2gZymJa0 ubuntu@ip-172-31-31-111
The key's randomart image is:
+--[ED25519 256]--+
|  . . . + .
|  o + . .
|  . = . o
|  = . +
|  o oS. = . o|
|  +o*++o + = |
|  B.*B.o++ = |
|  o =*o .+ + .|
|  Eo . . . .
+-----[SHA256]-----+
ubuntu@ip-172-31-31-111:~$ cd /home/ubuntu/.ssh
ubuntu@ip-172-31-31-111:~/.ssh$ ls
authorized_keys  id_ed25519  id_ed25519.pub
ubuntu@ip-172-31-31-111:~/.ssh$ vi authorized_keys
ubuntu@ip-172-31-31-111:~/.ssh$
```

```
ubuntu@ip-172-31-29-245: ~/.ssh
Enter file in which to save the key (/home/ubuntu/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_ed25519
Your public key has been saved in /home/ubuntu/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:uKvYJn0GmZZAUS9r7+RUi84rRxnj4su2l2bJT2djc7w ubuntu@ip-172-31-29-245
The key's randomart image is:
+--[ED25519 256]--+
|  .o.
|  . .
|  . . .
|  . oo.
|  .o=.+S
|  .Bo+B . .
|  + +& o * o
|  .+*X++ + + .
|  .+*OB.. E
+-----[SHA256]-----+
ubuntu@ip-172-31-29-245:~$ cd /home/ubuntu/.ssh
ubuntu@ip-172-31-29-245:~/.ssh$ ls
authorized_keys  id_ed25519  id_ed25519.pub
ubuntu@ip-172-31-29-245:~/.ssh$ vi authorized_keys
ubuntu@ip-172-31-29-245:~/.ssh$
```

5. Creating the inventory file for defining and managing the target nodes in the Ansible setup.

```
ubuntu@ip-172-31-21-245: ~  
172. 31. 18. 113  
172. 31. 31. 111  
172. 31. 29. 245  
~  
~  
~
```

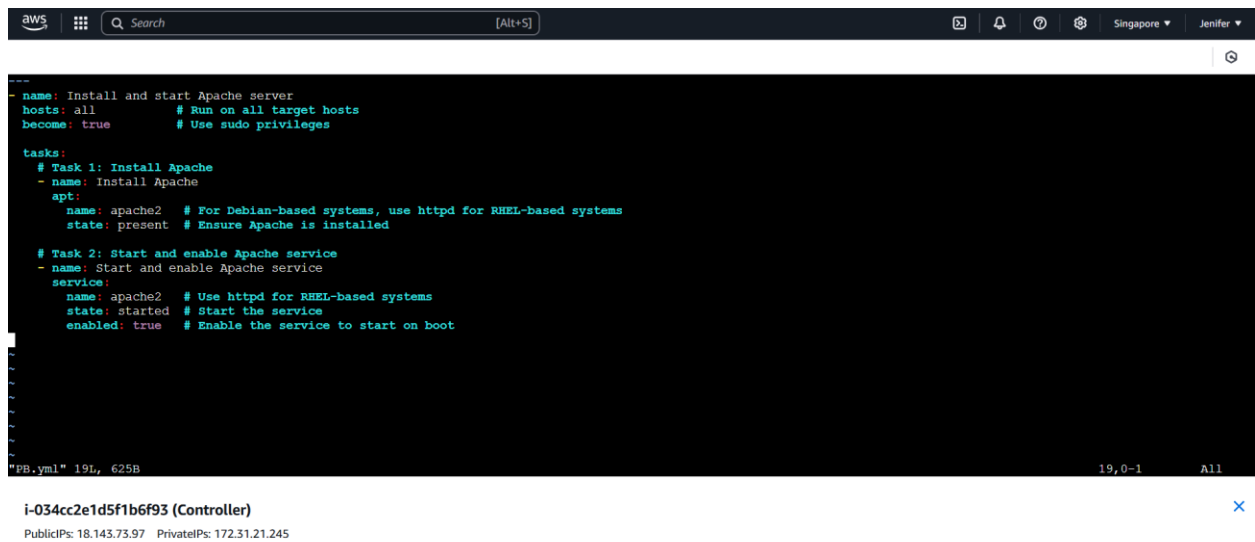
An **inventory file** in Ansible is a configuration file that contains a list of target systems (managed nodes) that Ansible will interact with. It serves as a centralized resource for defining the hosts and groups of hosts, along with their connection details and optional variables.

6. Testing the connection between the Ansible controller node and all the worker nodes Using ADHOC command (ansible all -I inv.txt -m ping).

```
ubuntu@ip-172-31-21-245: ~  
ubuntu@ip-172-31-21-245:~$ ansible all -i inv.txt -m ping  
172.31.31.111 | SUCCESS => {  
  "ansible_facts": {  
    "discovered_interpreter_python": "/usr/bin/python3"  
  },  
  "changed": false,  
  "ping": "pong"  
}  
172.31.29.245 | SUCCESS => {  
  "ansible_facts": {  
    "discovered_interpreter_python": "/usr/bin/python3"  
  },  
  "changed": false,  
  "ping": "pong"  
}  
172.31.18.113 | SUCCESS => {  
  "ansible_facts": {  
    "discovered_interpreter_python": "/usr/bin/python3"  
  },  
  "changed": false,  
  "ping": "pong"  
}  
ubuntu@ip-172-31-21-245:~$ █
```

Ad-hoc commands are one-off commands used to perform quick tasks without writing a playbook. They are ideal for tasks like testing connectivity, managing files, restarting services, or gathering information from managed nodes.

7. Preparing Playbook to install Apache2 and start the service for all the worker nodes given in the Inventory file (inv.txt)



```
--
- name: Install and start Apache server
  hosts: all          # Run on all target hosts
  become: true        # Use sudo privileges

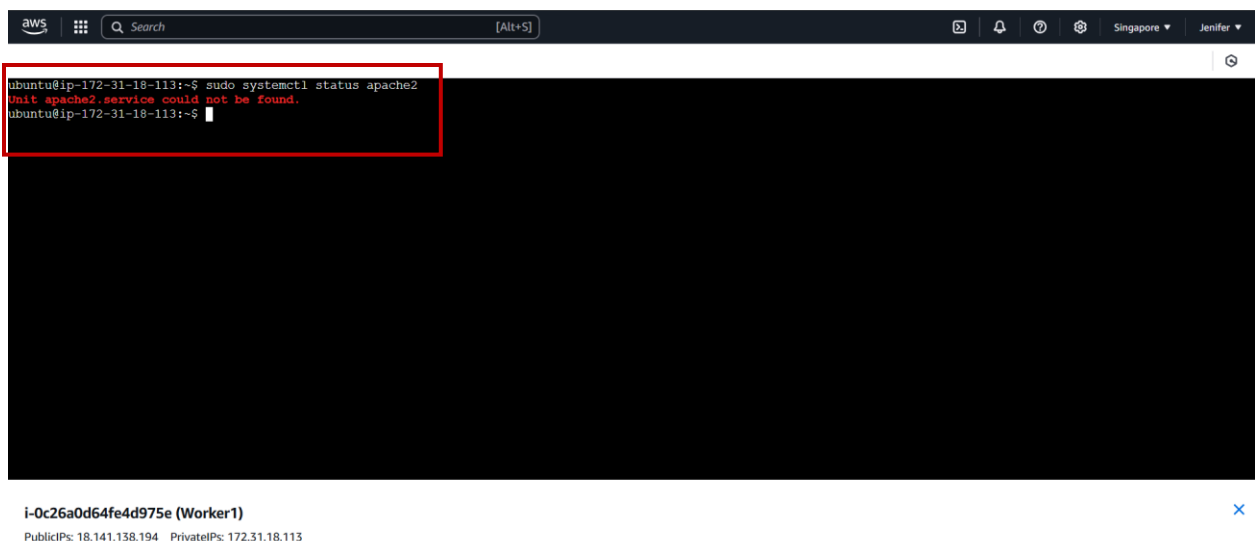
  tasks:
    # Task 1: Install Apache
    - name: Install Apache
      apt:
        name: apache2 # For Debian-based systems, use httpd for RHEL-based systems
        state: present # Ensure Apache is installed

    # Task 2: Start and enable Apache service
    - name: Start and enable Apache service
      service:
        name: apache2 # Use httpd for RHEL-based systems
        state: started # Start the service
        enabled: true  # Enable the service to start on boot
```

"PB.yml" 19L, 625B 19, 0-1 All

i-034cc2e1d5f1b6f93 (Controller)
PublicIPs: 18.143.73.97 PrivateIPs: 172.31.21.245

8. Pre-execution status check before running the playbook.



```
ubuntu@ip-172-31-18-113:~$ sudo systemctl status apache2
Unit apache2.service could not be found.
ubuntu@ip-172-31-18-113:~$
```

i-0c26a0d64fe4d975e (Worker1)
PublicIPs: 18.141.138.194 PrivateIPs: 172.31.18.113

aws

Search

[Alt+S]

Singapore

Jenifer

```
ubuntu@ip-172-31-31-111:~$ sudo systemctl status apache2
Unit apache2.service could not be found.
ubuntu@ip-172-31-31-111:~$
```

i-0dcbe865dd0f77c5a (Worker2)

PublicIPs: 13.213.70.79 PrivateIPs: 172.31.31.111

aws

Search

[Alt+S]

Singapore

Jenifer

```
ubuntu@ip-172-31-29-245:~$ sudo systemctl status apache2
Unit apache2.service could not be found.
ubuntu@ip-172-31-29-245:~$
```

i-0cf9a179696e075ea (Worker3)

PublicIPs: 54.179.13.35 PrivateIPs: 172.31.29.245

9. Playbook (PB.yml) Execution

```
ubuntu@ip-172-31-21-245:~$ ansible-playbook -i inv.txt PB.yml
PLAY [Install and start Apache server] *****
TASK [Gathering Facts] *****
ok: [172.31.31.111]
ok: [172.31.29.245]
ok: [172.31.18.113]
TASK [Install Apache] *****
ok: [172.31.31.111]
ok: [172.31.29.245]
ok: [172.31.18.113]
TASK [Start and enable Apache service] *****
ok: [172.31.31.111]
ok: [172.31.29.245]
ok: [172.31.18.113]
PLAY RECAP *****
172.31.18.113      : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
172.31.29.245      : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
172.31.31.111      : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
ubuntu@ip-172-31-21-245:~$
```

A **playbook** in Ansible is a file written in YAML (Yet Another Markup Language) format that contains a series of tasks, which define the automation process for managing and configuring systems. Playbooks allow you to automate complex workflows and operations in a repeatable and organized way.

10. Apache2 WebServer has successfully installed and the service started in all the three Worker nodes via executing the Playbook (PB.yml)

```
aws
Search [Alt+S] Singapore Jenifer
ubuntu@ip-172-31-18-113:~$ sudo systemctl status apache2
* apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-12-30 16:39:55 UTC; 7min ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 506 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 529 (apache2)
     Tasks: 55 (limit: 1130)
   Memory: 8.0M (peak: 8.1M)
      CPU: 68ms
   CGroup: /system.slice/apache2.service
           └─529 /usr/sbin/apache2 -k start
             └─530 /usr/sbin/apache2 -k start
               └─531 /usr/sbin/apache2 -k start
Dec 30 16:39:53 ip-172-31-18-113 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Dec 30 16:39:55 ip-172-31-18-113 systemd[1]: Started apache2.service - The Apache HTTP Server.
ubuntu@ip-172-31-18-113:~$
```

i-0c26a0d64fe4d975e (Worker1)

PublicIPs: 18.141.138.194 PrivateIPs: 172.31.18.113


```
aws
[Alt+S]
Singapore
Jenifer

ubuntu@ip-172-31-31-111:~$ systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-12-30 16:39:34 UTC; 8min ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 501 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 533 (apache2)
    Tasks: 55 (limit: 1130)
   Memory: 7.9M (peak: 8.1M)
      CPU: 63ms
   CGroup: /system.slice/apache2.service
           └─533 /usr/sbin/apache2 -k start
             └─535 /usr/sbin/apache2 -k start
               └─536 /usr/sbin/apache2 -k start

Dec 30 16:39:34 ip-172-31-31-111 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Dec 30 16:39:34 ip-172-31-31-111 systemd[1]: Started apache2.service - The Apache HTTP Server.
ubuntu@ip-172-31-31-111:~$
```

i-Odcbe865dd0f77c5a (Worker2)

PublicIPs: 13.213.70.79 PrivateIPs: 172.31.31.111

```
aws
[Alt+S]
Singapore
Jenifer

ubuntu@ip-172-31-29-245:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-12-30 16:51:56 UTC; 30s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 507 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
   Main PID: 537 (apache2)
    Tasks: 55 (limit: 1130)
   Memory: 8.0M (peak: 8.2M)
      CPU: 43ms
   CGroup: /system.slice/apache2.service
           └─537 /usr/sbin/apache2 -k start
             └─539 /usr/sbin/apache2 -k start
               └─540 /usr/sbin/apache2 -k start

Dec 30 16:51:55 ip-172-31-29-245 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Dec 30 16:51:56 ip-172-31-29-245 systemd[1]: Started apache2.service - The Apache HTTP Server.
ubuntu@ip-172-31-29-245:~$
```

i-Ocf9a179696e075ea (Worker3)

PublicIPs: 54.179.13.35 PrivateIPs: 172.31.29.245

Impact:

By the end of this task, all target servers will have a fully installed and operational Apache HTTP server. This setup will be achieved efficiently through a single Ansible playbook, demonstrating how automation can simplify web server deployment.

Task 18: Verbose Output of Installing and Starting the Service of HTTPD WebServer

In Ansible, a **verbosity report** refers to the detailed output that Ansible provides when running a playbook with increased verbosity levels. It is helpful for debugging, understanding what Ansible is doing at each step, and troubleshooting errors.

Enabling Verbosity

We can enable verbosity by using the `-v` option when running a playbook. There are four levels of verbosity:

1. **-v (Basic verbose):**

- Provides additional information about the tasks being executed, such as which hosts are targeted and task status (changed, ok, failed, etc.).

2. **-vv (More verbose):**

- Includes detailed information about task execution, such as variable details and task dependencies.

3. **-vvv (Debug-level verbose):**

- Shows detailed debug information, including module arguments and expanded variable values.

4. **-vvvv (Connection debug-level verbose):**

- Provides full connection details, including SSH traffic and raw data sent to and received from managed nodes.

5. **Using the following commands we can enable the Verbose output**

- `ansible-playbook playbook.yml -v # Basic verbose`
- `ansible-playbook playbook.yml -vv # More verbose`
- `ansible-playbook playbook.yml -vvv # Debug-level verbose`
- `ansible-playbook playbook.yml -vvvv # Full connection details`

Here is the Verbosity report of Installing and Starting the Service of HTTPD WebServer.

```
ubuntu@ip-172-31-21-245: ~$ ansible-playbook -i inv.txt -vvvv PB.yml
ansible-playbook [core 2.16.3]
  config file = None
  configured module search path = ['/home/ubuntu/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/ubuntu/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible-playbook
  python version = 3.12.3 (main, Nov 6 2024, 18:32:19) [GCC 13.2.0] (/usr/bin/python3)
  jinja version = 3.1.2
  libyaml = True
No config file found; using defaults
host_list declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method
script declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method
auto declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method
yaml declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method
Parsed /home/ubuntu/inv.txt inventory source with ini plugin
Skipping callback 'default', as we already have a stdout callback.
Skipping callback 'minimal', as we already have a stdout callback.
Skipping callback 'oneline', as we already have a stdout callback.

PLAYBOOK: PB.yml *****
1 plays in PB.yml

PLAY [Install and start Apache server] *****

TASK [Gathering Facts] *****
task path: /home/ubuntu/PB.yml:2
172.31.18.113: ESTABLISH SSH CONNECTION FOR USER: None
172.31.18.113: SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o ControlPath=/home/ubuntu/.ansible/cp/eb293ca32a 172.31.18.113 '/bin/sh -c '"'"'( umask 77 && mkdir -p "$HOME/.ansible/tmp" && echo "$HOME/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933" && echo ansible-tmp-1735561434.617421-11745-3595817535933 "$@" ) && sleep 0'"'"'
172.31.31.111: ESTABLISH SSH CONNECTION FOR USER: None
172.31.31.111: SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o ControlPath=/home/ubuntu/.ansible/cp/624b769b6a 172.31.31.111 '/bin/sh -c '"'"'( umask 77 && mkdir -p "$HOME/.ansible/tmp" && echo "$HOME/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933" && echo ansible-tmp-1735561434.617421-11745-3595817535933 "$@" ) && sleep 0'"'"'
172.31.29.245: ESTABLISH SSH CONNECTION FOR USER: None
172.31.29.245: SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o ControlPath=/home/ubuntu/.ansible/cp/194c1b9dcf 172.31.29.245 '/bin/sh -c '"'"'( umask 77 && mkdir -p "$HOME/.ansible/tmp" && echo "$HOME/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933" && echo ansible-tmp-1735561434.617421-11745-3595817535933 "$@" ) && sleep 0'"'"'
```

ansible-playbook [core 2.16.3]

config file = None

configured module search path = ['/home/ubuntu/.ansible/plugins/modules',
'/usr/share/ansible/plugins/modules']

ansible python module location = /usr/lib/python3/dist-packages/ansible

ansible collection location = /home/ubuntu/.ansible/collections:/usr/share/ansible/collections

executable location = /usr/bin/ansible-playbook

python version = 3.12.3 (main, Nov 6 2024, 18:32:19) [GCC 13.2.0] (/usr/bin/python3)

jinja version = 3.1.2

libyaml = True

No config file found; using defaults

host_list declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method

script declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method

auto declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method

yaml declined parsing /home/ubuntu/inv.txt as it did not pass its verify_file() method

Parsed /home/ubuntu/inv.txt inventory source with ini plugin

Skipping callback 'default', as we already have a stdout callback.

Skipping callback 'minimal', as we already have a stdout callback.

Skipping callback 'oneline', as we already have a stdout callback.

PLAYBOOK: PB.yml

1 plays in PB.yml

PLAY [Install and start Apache server]

TASK [Gathering Facts]

task path: /home/ubuntu/PB.yml:2

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""echo ~ && sleep 0""'

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-

```
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c '""'echo ~ && sleep  
0""'
```

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c '""'echo ~ && sleep  
0""'
```

<172.31.31.111> (0, b'/home/ubuntu\n', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c '""'( umask 77 &&  
mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-  
tmp-1735561434.617421-11745-3595817535933 "" && echo ansible-tmp-1735561434.617421-11745-  
3595817535933="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-  
3595817535933 "" ) && sleep 0""'
```

<172.31.29.245> (0, b'/home/ubuntu\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c '""'( umask 77 &&  
mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-  
tmp-1735561434.6305482-11746-251950205861188 "" && echo ansible-tmp-1735561434.6305482-  
11746-251950205861188="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-  
11746-251950205861188 "" ) && sleep 0""'
```

<172.31.31.111> (0, b'ansible-tmp-1735561434.617421-11745-
3595817535933=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-
3595817535933\n', b'')

<172.31.29.245> (0, b'ansible-tmp-1735561434.6305482-11746-
251950205861188=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-
251950205861188\n', b'')

<172.31.18.113> (0, b'/home/ubuntu\n', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-10328098235246 `` && echo ansible-tmp-1735561434.718839-11744-10328098235246="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-10328098235246 ``) && sleep 0""'

<172.31.18.113> (0, b'ansible-tmp-1735561434.718839-11744-10328098235246=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-10328098235246\n', b'')

<172.31.31.111> Attempting python interpreter discovery

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""echo PLATFORM; uname; echo FOUND; command -v ""python3.12""; command -v ""python3.11""; command -v ""python3.10""; command -v ""python3.9""; command -v ""python3.8""; command -v ""python3.7""; command -v ""python3.6""; command -v ""/usr/bin/python3""; command -v ""/usr/libexec/platform-python""; command -v ""python2.7""; command -v ""/usr/bin/python""; command -v ""python""; echo ENDFOUND && sleep 0""'

<172.31.18.113> Attempting python interpreter discovery

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""echo PLATFORM; uname; echo FOUND; command -v ""python3.12""; command -v ""python3.11""; command -v ""python3.10""; command -v ""python3.9""; command -v ""python3.8""; command -v

```
python3.7"; command -v python3.6"; command -v
/usr/bin/python3"; command -v /usr/libexec/platform-
python"; command -v python2.7"; command -v
/usr/bin/python"; command -v python"; echo
ENDFOUND && sleep 0"
```

<172.31.29.245> Attempting python interpreter discovery

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c "echo PLATFORM;
uname; echo FOUND; command -v python3.12"; command -v
python3.11"; command -v python3.10"; command -v
python3.9"; command -v python3.8"; command -v
python3.7"; command -v python3.6"; command -v
/usr/bin/python3"; command -v /usr/libexec/platform-
python"; command -v python2.7"; command -v
/usr/bin/python"; command -v python"; echo
ENDFOUND && sleep 0"
```

```
<172.31.31.111> (0,
b'PLATFORM\nLinux\nFOUND\n/usr/bin/python3.12\n/usr/bin/python3\nENDFOUND\n', b'')
```

```
<172.31.29.245> (0,
b'PLATFORM\nLinux\nFOUND\n/usr/bin/python3.12\n/usr/bin/python3\nENDFOUND\n', b'')
```

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c
"/usr/bin/python3.12 && sleep 0"
```

```
<172.31.18.113> (0,
b'PLATFORM\nLinux\nFOUND\n/usr/bin/python3.12\n/usr/bin/python3\nENDFOUND\n', b'')
```

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c """"/usr/bin/python3.12 && sleep 0""""

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c """"/usr/bin/python3.12 && sleep 0""""

<172.31.31.111> (0, b'{"platform_dist_result": [], "osrelease_content": "PRETTY_NAME=\\Ubuntu 24.04.1 LTS\\n\\nNAME=\\Ubuntu\\n\\nVERSION_ID=\\24.04\\n\\nVERSION=\\24.04.1 LTS (Noble Numbat)\\n\\nVERSION_CODENAME=noble\\nID=ubuntu\\nID_LIKE=debian\\nHOME_URL=\\https://www.ubuntu.com/\\n\\nSUPPORT_URL=\\https://help.ubuntu.com/\\n\\nBUG_REPORT_URL=\\https://bugs.launchpad.net/ubuntu/\\n\\nPRIVACY_POLICY_URL=\\https://www.ubuntu.com/legal/terms-and-policies/privacy-policy\\n\\nUBUNTU_CODENAME=noble\\nLOGO=ubuntu-logo\\n"}\\n', b")

Using module file /usr/lib/python3/dist-packages/ansible/modules/setup.py

<172.31.29.245> (0, b'{"platform_dist_result": [], "osrelease_content": "PRETTY_NAME=\\Ubuntu 24.04.1 LTS\\n\\nNAME=\\Ubuntu\\n\\nVERSION_ID=\\24.04\\n\\nVERSION=\\24.04.1 LTS (Noble Numbat)\\n\\nVERSION_CODENAME=noble\\nID=ubuntu\\nID_LIKE=debian\\nHOME_URL=\\https://www.ubuntu.com/\\n\\nSUPPORT_URL=\\https://help.ubuntu.com/\\n\\nBUG_REPORT_URL=\\https://bugs.launchpad.net/ubuntu/\\n\\nPRIVACY_POLICY_URL=\\https://www.ubuntu.com/legal/terms-and-policies/privacy-policy\\n\\nUBUNTU_CODENAME=noble\\nLOGO=ubuntu-logo\\n"}\\n', b")

Using module file /usr/lib/python3/dist-packages/ansible/modules/setup.py

<172.31.31.111> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpzovgcopy TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933/AnsiballZ_setup.py

<172.31.29.245> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpk_4vkog7 TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-251950205861188/AnsiballZ_setup.py

<172.31.29.245> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' [172.31.29.245]

<172.31.31.111> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-


```
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' '[172.31.31.111]'
```

```
<172.31.18.113> (0, b'{"platform_dist_result": [], "osrelease_content": "PRETTY_NAME=\\  
24.04.1 LTS\\  
\\nNAME=\\  
\\nVERSION_ID=\\  
24.04\\  
\\nVERSION=\\  
24.04.1 LTS (Noble  
Numbat)\\  
\\nVERSION_CODENAME=noble\\  
nID=ubuntu\\  
nID_LIKE=debian\\  
nHOME_URL=\\  
https://  
www.ubuntu.com/\\  
\\nSUPPORT_URL=\\  
https://help.ubuntu.com/\\  
\\nBUG_REPORT_URL=\\  
https://  
bugs.launchpad.net/ubuntu/\\  
\\nPRIVACY_POLICY_URL=\\  
https://www.ubuntu.com/legal/terms-  
and-policies/privacy-policy\\  
\\nUBUNTU_CODENAME=noble\\  
nLOGO=ubuntu-logo\\  
n"}\\n', b')
```

Using module file /usr/lib/python3/dist-packages/ansible/modules/setup.py

```
<172.31.18.113> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpvlah4ksr TO  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-  
10328098235246/AnsiballZ_setup.py
```

```
<172.31.18.113> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' '[172.31.18.113]'
```

```
<172.31.18.113> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpvlah4ksr  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-  
10328098235246/AnsiballZ_setup.py\\n', b'')
```

```
<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""'chmod u+x  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-10328098235246/  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-  
10328098235246/AnsiballZ_setup.py && sleep 0''''''
```

```
<172.31.31.111> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpzovgcopy  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-  
3595817535933/AnsiballZ_setup.py\\n', b'')
```

```
<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""'chmod u+x
```

```
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933/  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-  
3595817535933/AnsiballZ_setup.py && sleep 0''''''
```

```
<172.31.29.245> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpk_4vkog7  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-  
251950205861188/AnsiballZ_setup.py\n', b'')
```

```
<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ''''''chmod u+x  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-251950205861188/  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-  
251950205861188/AnsiballZ_setup.py && sleep 0''''''
```

```
<172.31.31.111> (0, b'', b'')
```

```
<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' -tt 172.31.31.111 '/bin/sh -c ''''''sudo -H -S -n -  
u root /bin/sh -c ''''''''''''''''''''echo BECOME-SUCCESS-clltzfgfkveywjwdrqcbwoubnrndidfi ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-  
3595817535933/AnsiballZ_setup.py'''''''''''''''''''' && sleep 0''''''
```

```
<172.31.18.113> (0, b'', b'')
```

```
<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' -tt 172.31.18.113 '/bin/sh -c ''''''sudo -H -S -n -  
u root /bin/sh -c ''''''''''''''''''''echo BECOME-SUCCESS-mcusidhjhwvlxmefwkwxsraltiolzvt ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-  
10328098235246/AnsiballZ_setup.py'''''''''''''''''''' && sleep 0''''''
```

```
<172.31.29.245> (0, b'', b'')
```

```
<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' -tt 172.31.29.245 '/bin/sh -c ""sudo -H -S -n -u  
root /bin/sh -c ""echo BECOME-SUCCESS-zawvflztvqgsnknkrteagaqmqkixzehg ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-  
251950205861188/AnsiballZ_setup.py"" && sleep 0""
```

Escalation succeeded

Escalation succeeded

Escalation succeeded

```
<172.31.31.111> (0, b'\r\n{"ansible_facts": {"ansible_system": "Linux", "ansible_kernel": "6.8.0-1018-  
aws", "ansible_kernel_version": "#20-Ubuntu SMP Thu Oct 10 18:14:42 UTC 2024", "ansible_machine":  
"x86_64", "ansible_python_version": "3.12.3", "ansible_fqdn": "ip-172-31-31-111.ap-southeast-  
1.compute.internal", "ansible_hostname": "ip-172-31-31-111", "ansible_nodename": "ip-172-31-31-  
111", "ansible_domain": "ap-southeast-1.compute.internal", "ansible_userspace_bits": "64",  
"ansible_architecture": "x86_64", "ansible_userspace_architecture": "x86_64", "ansible_machine_id":  
"ec223baa78421f3e300a35e3745b54fe", "ansible_local": {}, "ansible_user_id": "root",  
"ansible_user_uid": 0, "ansible_user_gid": 0, "ansible_user_gecos": "root", "ansible_user_dir": "/root",  
"ansible_user_shell": "/bin/bash", "ansible_real_user_id": 0, "ansible_effective_user_id": 0,  
"ansible_real_group_id": 0, "ansible_effective_group_id": 0, "ansible_env": {"SUDO_GID": "1000",  
"MAIL": "/var/mail/root", "USER": "root", "HOME": "/root", "SUDO_UID": "1000", "LOGNAME": "root",  
"TERM": "xterm", "PATH": "/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin",  
"LANG": "C.UTF-8", "SUDO_COMMAND": "/bin/sh -c echo BECOME-SUCCESS-  
clltzfgfkveywjwdrqcbwoubndidfi ; /usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-  
1735561434.617421-11745-3595817535933/AnsiballZ_setup.py", "SHELL": "/bin/bash", "SUDO_USER":  
"ubuntu", "PWD": "/home/ubuntu"}, "ansible_cmdline": {"BOOT_IMAGE": "/vmlinuz-6.8.0-1018-aws",  
"root": "PARTUUID=ede263c9-faae-4d70-b586-306f8f26c5d3", "ro": true, "console": "ttyS0",  
"nvme_core.io_timeout": "4294967295", "panic": "-1"}, "ansible_proc_cmdline": {"BOOT_IMAGE":  
"/vmlinuz-6.8.0-1018-aws", "root": "PARTUUID=ede263c9-faae-4d70-b586-306f8f26c5d3", "ro": true,  
"console": ["tty1", "ttyS0"], "nvme_core.io_timeout": "4294967295", "panic": "-1"}, "ansible_dns":  
{"nameservers": ["127.0.0.53"], "options": {"edns0": true, "trust-ad": true}, "search": ["ap-southeast-  
1.compute.internal"]}, "ansible_distribution": "Ubuntu", "ansible_distribution_release": "noble",  
"ansible_distribution_version": "24.04", "ansible_distribution_major_version": "24",  
"ansible_distribution_file_path": "/etc/os-release", "ansible_distribution_file_variety": "Debian",  
"ansible_distribution_file_parsed": true, "ansible_os_family": "Debian", "ansible_python": {"version":  
{"major": 3, "minor": 12, "micro": 3, "releaselevel": "final", "serial": 0}, "version_info": [3, 12, 3, "final",  
0], "executable": "/usr/bin/python3", "has_sslcontext": true, "type": "cpython"},  
"ansible_ssh_host_key_rsa_public":  
"AAAAB3NzaC1yc2EAAAADAQABAAQBgQDKQ2JGkzBPtTpglj5Z3bovJcOafZgNuDmlergTcu+/ls7Jd9OdPMC
```

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QNcgDip3bCed2boZuMckt2ASZJSJmDZpuiZ4/voha64kCZYV+ycAB1AgIJWEZzJrhPD6AZXq3PEabD7kGyRRI
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"AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBBO+PRqB1E1c8Ayoa8kegw4xhQzeV/
x/WewWb2PpWZlm4VpIZrVGa9P/u8ia/+LCI7ZSf4RX5ExjEsbQveOnoNnw=",
"ansible_ssh_host_key_ecdsa_public_keytype": "ecdsa-sha2-nistp256",
"ansible_ssh_host_key_ed25519_public":
"AAAAC3NzaC1lZDI1NTE5AAAAIMvVpEUpeWVlb1MLiEXyRWg3Lda3ple1zsiHyHE86r/4",
"ansible_ssh_host_key_ed25519_public_keytype": "ssh-ed25519", "ansible_processor": ["0",
"GenuineIntel", "Intel(R) Xeon(R) CPU E5-2686 v4 @ 2.30GHz"], "ansible_processor_count": 1,
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"ansible_processor_nproc": 1, "ansible_memtotal_mb": 957, "ansible_memfree_mb": 219,
"ansible_swaptotal_mb": 0, "ansible_swapfree_mb": 0, "ansible_memory_mb": {"real": {"total": 957,
"used": 738, "free": 219}, "nocache": {"free": 706, "used": 251}, "swap": {"total": 0, "free": 0, "used": 0,
"cached": 0}}, "ansible_bios_date": "08/24/2006", "ansible_bios_vendor": "Xen",
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<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

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<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""rm -f -r /home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.617421-11745-3595817535933/ > /dev/null 2>&1 && sleep 0""'
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<172.31.31.111> (0, b'', b'')

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<172.31.29.245> (0, b'\r\n{"ansible_facts": {"ansible_system_capabilities_enforced": "False", "ansible_system_capabilities": [], "ansible_lsb": {"id": "Ubuntu", "description": "Ubuntu 24.04.1 LTS", "release": "24.04", "codename": "noble", "major_release": "24"}, "ansible_ssh_host_key_rsa_public": "AAAAB3NzaC1yc2EAAAADAQABAAQGC9kYqZazlNoSmd56xDTF4WbCjSEd0mHJYhPNliTjS5IKUdFdIVJC Uwqm93zB2A5/dFKbwz5K6cGh415vxySDcYUk/+0AH/Q4FvmZnnWsweLFlxMauQ5poxzh8FsnPdfRXe3Wg Uf4oMJo+lxlqmRDoc6/krCLV6dmFUpE9dkIZVQSIRrADtELyemxKtwLhClYE/6B4ES3p7BhHk+GCHNj7ls83H 1pINUzWU/3bRDCSAJ2Rr8tm2JMpWjzNJTCEUmY2xnLz1uCqv+mX+O65eSWD4V2TAw0SnNC91jj7ywdB6b 3Z705eMiLkqy+FaulmHnTeH3YdLgLyVTqb+cuLndvr+txvww8WUljbwzQmeyCcAAcv77W5HLEz1rbbaNa0+ xH75+i+A8k4Sz3oY1VIK3JI1RN142ly3ZRLYTDmQrE0ZRBL/cRNLO/oFJe+WchongsQBYgTZ3wOeqnvHJgpf STKrMH4lbaclJayJ+F05BQgFWrYqL0feuctjvy3q9b3u8=", "ansible_ssh_host_key_rsa_public_keytype": "ssh-rsa", "ansible_ssh_host_key_ecdsa_public": "AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAIbmlzdHAyNTYAAABBBFyHm8RQacxrtVp7hLM0hNndzvq0+ 8MoEaZH/n4j+BsnQJuPR9t69iA4LjoXXPJiNXkzC/FHR1JkomNjko806XI=", "ansible_ssh_host_key_ecdsa_public_keytype": "ecdsa-sha2-nistp256", "ansible_ssh_host_key_ed25519_public": "AAAAC3NzaC1lZDI1NTE5AAAAIldQxeDbO8diVwDzlpAhwmBeXQs9ii2YhRGUC98alzYs", "ansible_ssh_host_key_ed25519_public_keytype": "ssh-ed25519", "ansible_selinux_python_present": true, "ansible_selinux": {"status": "disabled"}, "ansible_user_id": "root", "ansible_user_uid": 0, "ansible_user_gid": 0, "ansible_user_gecos": "root", "ansible_user_dir": "/root", "ansible_user_shell": "/bin/bash", "ansible_real_user_id": 0, "ansible_effective_user_id": 0, "ansible_real_group_id": 0, "ansible_effective_group_id": 0, "ansible_distribution": "Ubuntu", "ansible_distribution_release": "noble", "ansible_distribution_version": "24.04", "ansible_distribution_major_version": "24", "ansible_distribution_file_path": "/etc/os-release", "ansible_distribution_file_variety": "Debian", "ansible_distribution_file_parsed": true, "ansible_os_family": "Debian", "ansible_env": {"SUDO_GID": "1000", "MAIL": "/var/mail/root", "USER": "root", "HOME": "/root", "SUDO_UID": "1000", "LOGNAME": "root", "TERM": "xterm", "PATH": "/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin", "LANG": "C.UTF-8", "SUDO_COMMAND": "/bin/sh -c echo BECOME-SUCCESS-zawvfzltzvqgsnknkrteagaqmqkixzehg ;
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<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

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KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ""rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.6305482-11746-251950205861188/ > /dev/null
2>&1 && sleep 0""

ok: [172.31.31.111]

<172.31.29.245> (0, b'', b'')

ok: [172.31.29.245]

<172.31.18.113> (0, b'\n{"ansible_facts": {"ansible_ssh_host_key_rsa_public":
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172.31.18.113 closed.\r\n')
```

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561434.718839-11744-10328098235246/ > /dev/null
2>&1 && sleep 0""'
```

<172.31.18.113> (0, b'', b'')

ok: [172.31.18.113]

TASK [Install Apache]

```
*****
*****
```

task path: /home/ubuntu/PB.yml:8

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""echo ~ && sleep
0""'
```

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""''echo ~ && sleep 0''''''

<172.31.18.113> (0, b'/home/ubuntu\n', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""''(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662 `` && echo ansible-tmp-1735561436.0760288-11783-220246434313662="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662 ``) && sleep 0''''''

<172.31.31.111> (0, b'/home/ubuntu\n', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""''(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471 `` && echo ansible-tmp-1735561436.097093-11785-134191988297471="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471 ``) && sleep 0''''''

<172.31.18.113> (0, b'ansible-tmp-1735561436.0760288-11783-220246434313662=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ""''echo ~ && sleep 0''''''

<172.31.31.111> (0, b'ansible-tmp-1735561436.097093-11785-134191988297471=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471\n', b'')

<172.31.29.245> (0, b'/home/ubuntu\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ''''''(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683 `` && echo ansible-tmp-1735561436.1287618-11788-115376630239683="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683 ``) && sleep 0''''''

<172.31.29.245> (0, b'ansible-tmp-1735561436.1287618-11788-115376630239683=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683\n', b'')

Using module file /usr/lib/python3/dist-packages/ansible/modules/apt.py

<172.31.31.111> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmp6o0ku773 TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471/AnsiballZ_apt.py

Using module file /usr/lib/python3/dist-packages/ansible/modules/apt.py

<172.31.18.113> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmp0rwomql1 TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662/AnsiballZ_apt.py

Using module file /usr/lib/python3/dist-packages/ansible/modules/apt.py

<172.31.29.245> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmp0mdgy54z TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683/AnsiballZ_apt.py

<172.31.31.111> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' [172.31.31.111]

<172.31.18.113> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-

keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' '[172.31.18.113]'

<172.31.29.245> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' '[172.31.29.245]'

<172.31.31.111> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmp6o0ku773
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-
134191988297471/AnsiballZ_apt.py\n', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""'chmod u+x
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471/
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-
134191988297471/AnsiballZ_apt.py && sleep 0''''''''

<172.31.18.113> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-
117406zef40_j/tmp0rwomql1 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-
220246434313662/AnsiballZ_apt.py\n', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""'chmod u+x
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662/
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-
220246434313662/AnsiballZ_apt.py && sleep 0''''''''

<172.31.29.245> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-
117406zef40_j/tmp0mdgy54z /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-
115376630239683/AnsiballZ_apt.py\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o

```
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c "''''chmod u+x  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683/  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-  
115376630239683/AnsiballZ_apt.py && sleep 0''''''
```

<172.31.18.113> (0, b'', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' -tt 172.31.18.113 '/bin/sh -c "''''sudo -H -S -n -  
u root /bin/sh -c "''''''''echo BECOME-SUCCESS-wpdtghlxmtlgrlrrrbzbpjtcwxrauii ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-  
220246434313662/AnsiballZ_apt.py'''''''' && sleep 0''''''
```

<172.31.31.111> (0, b'', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' -tt 172.31.31.111 '/bin/sh -c "''''sudo -H -S -n -  
u root /bin/sh -c "''''''''echo BECOME-SUCCESS-quxkchuxbbjpzzvnpdpziopreuvyqif ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-  
134191988297471/AnsiballZ_apt.py'''''''' && sleep 0''''''
```

<172.31.29.245> (0, b'', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' -tt 172.31.29.245 '/bin/sh -c "''''sudo -H -S -n -u  
root /bin/sh -c "''''''''echo BECOME-SUCCESS-cignuqomcsttlroxouypqwbzlcocrdg ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-  
115376630239683/AnsiballZ_apt.py'''''''' && sleep 0''''''
```

Escalation succeeded

Escalation succeeded

Escalation succeeded

```
<172.31.31.111> (0, b'\r\n\r\n{"changed": false, "cache_updated": false, "cache_update_time": 1735559240, "invocation": {"module_args": {"name": "apache2", "state": "present", "package": ["apache2"], "update_cache_retries": 5, "update_cache_retry_max_delay": 12, "cache_valid_time": 0, "purge": false, "force": false, "upgrade": null, "dpkg_options": "force-confdef,force-confold", "autoremove": false, "autoclean": false, "fail_on_autoremove": false, "only_upgrade": false, "force_apt_get": false, "clean": false, "allow_unauthenticated": false, "allow_downgrade": false, "allow_change_held_packages": false, "lock_timeout": 60, "update_cache": null, "deb": null, "default_release": null, "install_recommends": null, "policy_rc_d": null}}}\r\n', b'Shared connection to 172.31.31.111 closed.\r\n')
```

```
<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None
```

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ''rm -f -r /home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.097093-11785-134191988297471/ > /dev/null 2>&1 && sleep 0''''''
```

```
<172.31.31.111> (0, b'', b'')
```

```
ok: [172.31.31.111] => {
```

```
  "cache_update_time": 1735559240,
  "cache_updated": false,
  "changed": false,
  "invocation": {
    "module_args": {
      "allow_change_held_packages": false,
      "allow_downgrade": false,
      "allow_unauthenticated": false,
      "autoclean": false,
      "autoremove": false,
      "cache_valid_time": 0,
      "clean": false,
      "deb": null,
```

```

    "default_release": null,

    "dpkg_options": "force-confdef,force-confold",

    "fail_on_autoremove": false,

    "force": false,

    "force_apt_get": false,

    "install_recommends": null,

    "lock_timeout": 60,

    "name": "apache2",

    "only_upgrade": false,

    "package": [

        "apache2"

    ],

    "policy_rc_d": null,

    "purge": false,

    "state": "present",

    "update_cache": null,

    "update_cache_retries": 5,

    "update_cache_retry_max_delay": 12,

    "upgrade": null

}

}

}

<172.31.29.245> (0, b'\r\n\r\n{"changed": false, "cache_updated": false, "cache_update_time":
1735560349, "invocation": {"module_args": {"name": "apache2", "state": "present", "package":
["apache2"], "update_cache_retries": 5, "update_cache_retry_max_delay": 12, "cache_valid_time": 0,
"purge": false, "force": false, "upgrade": null, "dpkg_options": "force-confdef,force-confold",
"autoremove": false, "autoclean": false, "fail_on_autoremove": false, "only_upgrade": false,

```



```
"force_apt_get": false, "clean": false, "allow_unauthenticated": false, "allow_downgrade": false,
"allow_change_held_packages": false, "lock_timeout": 60, "update_cache": null, "deb": null,
"default_release": null, "install_recommends": null, "policy_rc_d": null}}}\r\n', b'Shared connection to
172.31.29.245 closed.\r\n')
```

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ''rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.1287618-11788-115376630239683/ > /dev/null
2>&1 && sleep 0'''''''
```

<172.31.29.245> (0, b'', b'')

ok: [172.31.29.245] => {

```
"cache_update_time": 1735560349,
"cache_updated": false,
"changed": false,
"invocation": {
  "module_args": {
    "allow_change_held_packages": false,
    "allow_downgrade": false,
    "allow_unauthenticated": false,
    "autoclean": false,
    "autoremove": false,
    "cache_valid_time": 0,
    "clean": false,
    "deb": null,
    "default_release": null,
    "dpkg_options": "force-confdef,force-confold",
    "fail_on_autoremove": false,
```

```

    "force": false,

    "force_apt_get": false,

    "install_recommends": null,

    "lock_timeout": 60,

    "name": "apache2",

    "only_upgrade": false,

    "package": [

        "apache2"

    ],

    "policy_rc_d": null,

    "purge": false,

    "state": "present",

    "update_cache": null,

    "update_cache_retries": 5,

    "update_cache_retry_max_delay": 12,

    "upgrade": null

}

}

}

```

```

<172.31.18.113> (0, b'\r\n{"changed": false, "cache_updated": false, "cache_update_time":
1735558938, "invocation": {"module_args": {"name": "apache2", "state": "present", "package":
["apache2"], "update_cache_retries": 5, "update_cache_retry_max_delay": 12, "cache_valid_time": 0,
"purge": false, "force": false, "upgrade": null, "dpkg_options": "force-confdef,force-confold",
"autoremove": false, "autoclean": false, "fail_on_autoremove": false, "only_upgrade": false,
"force_apt_get": false, "clean": false, "allow_unauthenticated": false, "allow_downgrade": false,
"allow_change_held_packages": false, "lock_timeout": 60, "update_cache": null, "deb": null,
"default_release": null, "install_recommends": null, "policy_rc_d": null}}}\r\n', b'Shared connection to
172.31.18.113 closed.\r\n')

```

```

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""rm -f -r  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561436.0760288-11783-220246434313662/ > /dev/null  
2>&1 && sleep 0""'
```

```
<172.31.18.113> (0, b'', b'')
```

```
ok: [172.31.18.113] => {
```

```
  "cache_update_time": 1735558938,  
  "cache_updated": false,  
  "changed": false,  
  "invocation": {  
    "module_args": {  
      "allow_change_held_packages": false,  
      "allow_downgrade": false,  
      "allow_unauthenticated": false,  
      "autoclean": false,  
      "autoremove": false,  
      "cache_valid_time": 0,  
      "clean": false,  
      "deb": null,  
      "default_release": null,  
      "dpkg_options": "force-confdef,force-confold",  
      "fail_on_autoremove": false,  
      "force": false,  
      "force_apt_get": false,  
      "install_recommends": null,
```

```

    "lock_timeout": 60,

    "name": "apache2",

    "only_upgrade": false,

    "package": [

        "apache2"

    ],

    "policy_rc_d": null,

    "purge": false,

    "state": "present",

    "update_cache": null,

    "update_cache_retries": 5,

    "update_cache_retry_max_delay": 12,

    "upgrade": null

}

}

}

```

TASK [Start and enable Apache service]

```

*****
*****

```

task path: /home/ubuntu/PB.yml:14

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""'echo ~ && sleep
0''''''

```

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c '""'echo ~ && sleep 0'""'

<172.31.18.113> (0, b'/home/ubuntu\n', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c '""'(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837 `` && echo ansible-tmp-1735561437.2840147-11807-171232279756837="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837 ``) && sleep 0'""'

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c '""'echo ~ && sleep 0'""'

<172.31.31.111> (0, b'/home/ubuntu\n', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c '""'(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319 `` && echo ansible-tmp-1735561437.3038645-11808-214619235677319="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319 ``) && sleep 0'""'

<172.31.18.113> (0, b'ansible-tmp-1735561437.2840147-11807-171232279756837=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837\n', b'')

<172.31.29.245> (0, b'/home/ubuntu\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ''''''(umask 77 && mkdir -p "" echo /home/ubuntu/.ansible/tmp ""&& mkdir "" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384 `` && echo ansible-tmp-1735561437.3216262-11810-186466318683384="" echo /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384 ``) && sleep 0''''''

<172.31.31.111> (0, b'ansible-tmp-1735561437.3038645-11808-214619235677319=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319\n', b'')

<172.31.29.245> (0, b'ansible-tmp-1735561437.3216262-11810-186466318683384=/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384\n', b'')

Using module file /usr/lib/python3/dist-packages/ansible/modules/systemd.py

Using module file /usr/lib/python3/dist-packages/ansible/modules/systemd.py

<172.31.29.245> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpa_xchxr7 TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384/AnsiballZ_systemd.py

<172.31.18.113> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpuvctafdj TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837/AnsiballZ_systemd.py

<172.31.18.113> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o 'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' [172.31.18.113]

Using module file /usr/lib/python3/dist-packages/ansible/modules/systemd.py

<172.31.31.111> PUT /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmprrpmqjk_ TO /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319/AnsiballZ_systemd.py

<172.31.31.111> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-

keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' '[172.31.31.111]'

<172.31.29.245> SSH: EXEC sftp -b - -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' '[172.31.29.245]'

<172.31.18.113> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpuvctafdj
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-
171232279756837/AnsiballZ_systemd.py\n', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c """"chmod u+x
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837/
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-
171232279756837/AnsiballZ_systemd.py && sleep 0""""

<172.31.29.245> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmpa_xchxr7
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-
186466318683384/AnsiballZ_systemd.py\n', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c """"chmod u+x
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384/
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-
186466318683384/AnsiballZ_systemd.py && sleep 0""""

<172.31.31.111> (0, b'sftp> put /home/ubuntu/.ansible/tmp/ansible-local-117406zef40_j/tmprrpmqjk_
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-
214619235677319/AnsiballZ_systemd.py\n', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o

```
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""'chmod u+x  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319/  
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-  
214619235677319/AnsiballZ_systemd.py && sleep 0''''''
```

<172.31.29.245> (0, b'', b'')

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' -tt 172.31.29.245 '/bin/sh -c ""'sudo -H -S -n -u  
root /bin/sh -c ""'echo BECOME-SUCCESS-exiqnmgtglmhgnqruzqkquikqyuzzgvti ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-  
186466318683384/AnsiballZ_systemd.py'''''' && sleep 0''''''
```

<172.31.18.113> (0, b'', b'')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' -tt 172.31.18.113 '/bin/sh -c ""'sudo -H -S -n -  
u root /bin/sh -c ""'echo BECOME-SUCCESS-nzjtipdnlcuzdrrdhgpfixekvlhxnftx ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-  
171232279756837/AnsiballZ_systemd.py'''''' && sleep 0''''''
```

<172.31.31.111> (0, b'', b'')

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o  
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-  
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o  
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' -tt 172.31.31.111 '/bin/sh -c ""'sudo -H -S -n -  
u root /bin/sh -c ""'echo BECOME-SUCCESS-pyattjuagypsulrymgdywldnannbhtci ;  
/usr/bin/python3 /home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-  
214619235677319/AnsiballZ_systemd.py'''''' && sleep 0''''''
```

Escalation succeeded

Escalation succeeded

Escalation succeeded

<172.31.31.111> {0, b'\r\n{"name": "apache2", "changed": false, "status": {"Type": "forking", "ExitType": "main", "Restart": "on-abort", "RestartMode": "normal", "NotifyAccess": "none", "RestartUsec": "100ms", "RestartSteps": "0", "RestartMaxDelayUsec": "infinity", "RestartUsecNext": "100ms", "TimeoutStartUsec": "1min 30s", "TimeoutStopUsec": "1min 30s", "TimeoutAbortUsec": "1min 30s", "TimeoutStartFailureMode": "terminate", "TimeoutStopFailureMode": "terminate", "RuntimeMaxUsec": "infinity", "RuntimeRandomizedExtraUsec": "0", "WatchdogUsec": "0", "WatchdogTimestampMonotonic": "0", "RootDirectoryStartOnly": "no", "RemainAfterExit": "no", "GuessMainPID": "yes", "MainPID": "12640", "ControlPID": "0", "FileDescriptorStoreMax": "0", "NFileDescriptorStore": "0", "FileDescriptorStorePreserve": "restart", "StatusErrno": "0", "Result": "success", "ReloadResult": "success", "CleanResult": "success", "UID": "[not set]", "GID": "[not set]", "NRestarts": "0", "OOMPolicy": "continue", "ReloadSignal": "1", "ExecMainStartTimestamp": "Mon 2024-12-30 12:18:58 UTC", "ExecMainStartTimestampMonotonic": "2491749632", "ExecMainExitTimestampMonotonic": "0", "ExecMainPID": "12640", "ExecMainCode": "0", "ExecMainStatus": "0", "ExecStart": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStartEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecReload": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStop": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStopEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "Slice": "system.slice", "ControlGroup": "/system.slice/apache2.service", "ControlGroupId": "7053", "MemoryCurrent": "5660672", "MemoryPeak": "5906432", "MemorySwapCurrent": "0", "MemorySwapPeak": "0", "MemoryZSwapCurrent": "0", "MemoryAvailable": "609718272", "CPUUsageNSec": "45806000", "TasksCurrent": "55", "IPIngressBytes": "[no data]", "IPIngressPackets": "[no data]", "IPEgressBytes": "[no data]", "IPEgressPackets": "[no data]", "IOReadBytes": "[not set]", "IOReadOperations": "[not set]", "IOWriteBytes": "[not set]", "IOWriteOperations": "[not set]", "Delegate": "no", "CPUAccounting": "yes", "CPUWeight": "[not set]", "StartupCPUWeight": "[not set]", "CPUShares": "[not set]", "StartupCPUShares": "[not set]", "CPUQuotaPerSecUsec": "infinity", "CPUQuotaPeriodUsec": "infinity", "IOAccounting": "no", "IOWeight": "[not set]", "StartupIOWeight": "[not set]", "BlockIOAccounting": "no", "BlockIOWeight": "[not set]", "StartupBlockIOWeight": "[not set]", "MemoryAccounting": "yes", "DefaultMemoryLow": "0", "DefaultStartupMemoryLow": "0", "DefaultMemoryMin": "0", "MemoryMin": "0", "MemoryLow": "0", "StartupMemoryLow": "0", "MemoryHigh": "infinity", "StartupMemoryHigh": "infinity", "MemoryMax": "infinity", "StartupMemoryMax": "infinity", "MemorySwapMax": "infinity", "StartupMemorySwapMax": "infinity", "MemoryZSwapMax": "infinity", "StartupMemoryZSwapMax": "infinity", "MemoryLimit": "infinity", "DevicePolicy": "auto", "TasksAccounting": "yes", "TasksMax": "1130", "IPAccounting": "no", "ManagedOOMSwap": "auto", "ManagedOOMMemoryPressure": "auto", "ManagedOOMMemoryPressureLimit": "0", "ManagedOOMPreference": "none", "MemoryPressureWatch": "auto",

"MemoryPressureThresholdUsec": "200ms", "CoredumpReceive": "no", "Environment":
"APACHE_STARTED_BY_SYSTEMD=true", "UMask": "0022", "LimitCPU": "infinity", "LimitCPUSoft":
"infinity", "LimitFSIZE": "infinity", "LimitFSIZESoft": "infinity", "LimitDATA": "infinity", "LimitDATASoft":
"infinity", "LimitSTACK": "infinity", "LimitSTACKSoft": "8388608", "LimitCORE": "infinity",
"LimitCORESoft": "0", "LimitRSS": "infinity", "LimitRSSSoft": "infinity", "LimitNOFILE": "524288",
"LimitNOFILESoft": "1024", "LimitAS": "infinity", "LimitASSoft": "infinity", "LimitNPROC": "3769",
"LimitNPROCSoft": "3769", "LimitMEMLOCK": "8388608", "LimitMEMLOCKSoft": "8388608",
"LimitLOCKS": "infinity", "LimitLOCKSSoft": "infinity", "LimitSIGPENDING": "3769",
"LimitSIGPENDINGSoft": "3769", "LimitMSGQUEUE": "819200", "LimitMSGQUEUESoft": "819200",
"LimitNICE": "0", "LimitNICESoft": "0", "LimitRTPRIO": "0", "LimitRTPRIOSoft": "0", "LimitRTIME":
"infinity", "LimitRTTIMESoft": "infinity", "RootEphemeral": "no", "OOMScoreAdjust": "0",
"CoredumpFilter": "0x33", "Nice": "0", "IOSchedulingClass": "2", "IOSchedulingPriority": "4",
"CPUSchedulingPolicy": "0", "CPUSchedulingPriority": "0", "CPUAffinityFromNUMA": "no",
"NUMAPolicy": "n/a", "TimerSlackNSec": "50000", "CPUSchedulingResetOnFork": "no", "NonBlocking":
"no", "StandardInput": "null", "StandardOutput": "journal", "StandardError": "inherit", "TTYReset": "no",
"TTYVHangup": "no", "TTYVTDisallocate": "no", "SyslogPriority": "30", "SyslogLevelPrefix": "yes",
"SyslogLevel": "6", "SyslogFacility": "3", "LogLevelMax": "-1", "LogRateLimitIntervalUsec": "0",
"LogRateLimitBurst": "0", "SecureBits": "0", "CapabilityBoundingSet": "cap_chown cap_dac_override
cap_dac_read_search cap_fowner cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap
cap_linux_immutable cap_net_bind_service cap_net_broadcast cap_net_admin cap_net_raw
cap_ipc_lock cap_ipc_owner cap_sys_module cap_sys_rawio cap_sys_chroot cap_sys_ptrace
cap_sys_pacct cap_sys_admin cap_sys_boot cap_sys_nice cap_sys_resource cap_sys_time
cap_sys_tty_config cap_mknod cap_lease cap_audit_write cap_audit_control cap_setfcap
cap_mac_override cap_mac_admin cap_syslog cap_wake_alarm cap_block_suspend cap_audit_read
cap_perfmon cap_bpf cap_checkpoint_restore", "DynamicUser": "no", "SetLoginEnvironment": "no",
"RemoveIPC": "no", "PrivateTmp": "yes", "PrivateDevices": "no", "ProtectClock": "no",
"ProtectKernelTunables": "no", "ProtectKernelModules": "no", "ProtectKernelLogs": "no",
"ProtectControlGroups": "no", "PrivateNetwork": "no", "PrivateUsers": "no", "PrivateMounts": "no",
"PrivateIPC": "no", "ProtectHome": "no", "ProtectSystem": "no", "SameProcessGroup": "no",
"UtmpMode": "init", "IgnoreSIGPIPE": "yes", "NoNewPrivileges": "no", "SystemCallErrorNumber":
"2147483646", "LockPersonality": "no", "RuntimeDirectoryPreserve": "no", "RuntimeDirectoryMode":
"0755", "StateDirectoryMode": "0755", "CacheDirectoryMode": "0755", "LogsDirectoryMode": "0755",
"ConfigurationDirectoryMode": "0755", "TimeoutCleanUsec": "infinity", "MemoryDenyWriteExecute":
"no", "RestrictRealtime": "no", "RestrictSUIDSGID": "no", "RestrictNamespaces": "no", "MountAPIVFS":
"no", "KeyringMode": "private", "ProtectProc": "default", "ProcSubset": "all", "ProtectHostname": "no",
"MemoryKSM": "no", "RootImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "MountImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "ExtensionImagePolicy":

```
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "KillMode": "mixed", "KillSignal": "15",
"RestartKillSignal": "15", "FinalKillSignal": "9", "SendSIGKILL": "yes", "SendSIGHUP": "no",
"WatchdogSignal": "6", "Id": "apache2.service", "Names": "apache2.service", "Requires": "sysinit.target
system.slice -.mount", "Wants": "tmp.mount", "WantedBy": "multi-user.target", "Conflicts":
"shutdown.target", "Before": "multi-user.target shutdown.target apache-htcacheclean.service", "After":
"sysinit.target tmp.mount -.mount remote-fs.target systemd-tmpfiles-setup.service nss-lookup.target
systemd-journald.socket network.target basic.target system.slice", "RequiresMountsFor": "/var/tmp",
"Documentation": "https://httpd.apache.org/docs/2.4/", "Description": "The Apache HTTP Server",
"LoadState": "loaded", "ActiveState": "active", "FreezerState": "running", "SubState": "running",
"FragmentPath": "/usr/lib/systemd/system/apache2.service", "UnitFileState": "enabled",
"UnitFilePreset": "enabled", "StateChangeTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"StateChangeTimestampMonotonic": "2491749654", "InactiveExitTimestamp": "Mon 2024-12-30
12:18:58 UTC", "InactiveExitTimestampMonotonic": "2491722944", "ActiveEnterTimestamp": "Mon
2024-12-30 12:18:58 UTC", "ActiveEnterTimestampMonotonic": "2491749654",
"ActiveExitTimestampMonotonic": "0", "InactiveEnterTimestampMonotonic": "0", "CanStart": "yes",
"CanStop": "yes", "CanReload": "yes", "CanIsolate": "no", "CanFreeze": "yes", "StopWhenUnneeded":
"no", "RefuseManualStart": "no", "RefuseManualStop": "no", "AllowIsolate": "no",
"DefaultDependencies": "yes", "SurviveFinalKillSignal": "no", "OnSuccessJobMode": "fail",
"OnFailureJobMode": "replace", "IgnoreOnIsolate": "no", "NeedDaemonReload": "no",
"JobTimeoutUsec": "infinity", "JobRunningTimeoutUsec": "infinity", "JobTimeoutAction": "none",
"ConditionResult": "yes", "AssertResult": "yes", "ConditionTimestamp": "Mon 2024-12-30 12:18:58
UTC", "ConditionTimestampMonotonic": "2491714498", "AssertTimestamp": "Mon 2024-12-30 12:18:58
UTC", "AssertTimestampMonotonic": "2491714500", "Transient": "no", "Perpetual": "no",
"StartLimitIntervalUsec": "10s", "StartLimitBurst": "5", "StartLimitAction": "none", "FailureAction":
"none", "SuccessAction": "none", "InvocationID": "65698f4034114e1881839ec05b550cdd",
"CollectMode": "inactive", "enabled": true, "state": "started", "invocation": {"module_args": {"name":
"apache2", "state": "started", "enabled": true, "daemon_reload": false, "daemon_reexec": false,
"scope": "system", "no_block": false, "force": null, "masked": null}}}\r\n', b'Shared connection to
172.31.31.111 closed.\r\n')
```

<172.31.31.111> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.31.111> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/624b769b6a"' 172.31.31.111 '/bin/sh -c ""rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3038645-11808-214619235677319/ > /dev/null
2>&1 && sleep 0""'
```

```
<172.31.29.245> (0, b'\r\n{"name": "apache2", "changed": false, "status": {"Type": "forking", "ExitType":
"main", "Restart": "on-abort", "RestartMode": "normal", "NotifyAccess": "none", "RestartUsec":
```

"100ms", "RestartSteps": "0", "RestartMaxDelayUsec": "infinity", "RestartUsecNext": "100ms",
"TimeoutStartUsec": "1min 30s", "TimeoutStopUsec": "1min 30s", "TimeoutAbortUsec": "1min 30s",
"TimeoutStartFailureMode": "terminate", "TimeoutStopFailureMode": "terminate", "RuntimeMaxUsec":
"infinity", "RuntimeRandomizedExtraUsec": "0", "WatchdogUsec": "0",
"WatchdogTimestampMonotonic": "0", "RootDirectoryStartOnly": "no", "RemainAfterExit": "no",
"GuessMainPID": "yes", "MainPID": "3406", "ControlPID": "0", "FileDescriptorStoreMax": "0",
"NFileDescriptorStore": "0", "FileDescriptorStorePreserve": "restart", "StatusErrno": "0", "Result":
"success", "ReloadResult": "success", "CleanResult": "success", "UID": "[not set]", "GID": "[not set]",
"NRestarts": "0", "OOMPolicy": "continue", "ReloadSignal": "1", "ExecMainStartTimestamp": "Mon
2024-12-30 12:18:59 UTC", "ExecMainStartTimestampMonotonic": "2492485114",
"ExecMainExitTimestampMonotonic": "0", "ExecMainPID": "3406", "ExecMainCode": "0",
"ExecMainStatus": "0", "ExecStart": "{ path=/usr/sbin/apachectl ; argv[]=usr/sbin/apachectl start ;
ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStartEx":
"{ path=/usr/sbin/apachectl ; argv[]=usr/sbin/apachectl start ; flags= ; start_time=[n/a] ;
stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecReload": "{ path=/usr/sbin/apachectl ;
argv[]=usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ;
code=(null) ; status=0/0 }", "ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]=usr/sbin/apachectl
graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStop": "{
path=/usr/sbin/apachectl ; argv[]=usr/sbin/apachectl graceful-stop ; ignore_errors=no ;
start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStopEx": "{
path=/usr/sbin/apachectl ; argv[]=usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ;
stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "Slice": "system.slice", "ControlGroup":
"/system.slice/apache2.service", "ControlGroupId": "7606", "MemoryCurrent": "5648384",
"MemoryPeak": "5738496", "MemorySwapCurrent": "0", "MemorySwapPeak": "0",
"MemoryZSwapCurrent": "0", "MemoryAvailable": "609693696", "CPUUsageNsec": "45040000",
"TasksCurrent": "55", "IPIngressBytes": "[no data]", "IPIngressPackets": "[no data]", "IPEgressBytes":
"[no data]", "IPEgressPackets": "[no data]", "IOReadBytes": "[not set]", "IOReadOperations": "[not set]",
"IOWriteBytes": "[not set]", "IOWriteOperations": "[not set]", "Delegate": "no", "CPUAccounting": "yes",
"CPUWeight": "[not set]", "StartupCPUWeight": "[not set]", "CPUShares": "[not set]",
"StartupCPUShares": "[not set]", "CPUQuotaPerSecUsec": "infinity", "CPUQuotaPeriodUsec": "infinity",
"IOAccounting": "no", "IOWeight": "[not set]", "StartupIOWeight": "[not set]", "BlockIOAccounting":
"no", "BlockIOWeight": "[not set]", "StartupBlockIOWeight": "[not set]", "MemoryAccounting": "yes",
"DefaultMemoryLow": "0", "DefaultStartupMemoryLow": "0", "DefaultMemoryMin": "0",
"MemoryMin": "0", "MemoryLow": "0", "StartupMemoryLow": "0", "MemoryHigh": "infinity",
"StartupMemoryHigh": "infinity", "MemoryMax": "infinity", "StartupMemoryMax": "infinity",
"MemorySwapMax": "infinity", "StartupMemorySwapMax": "infinity", "MemoryZSwapMax": "infinity",
"StartupMemoryZSwapMax": "infinity", "MemoryLimit": "infinity", "DevicePolicy": "auto",
"TasksAccounting": "yes", "TasksMax": "1130", "IPAccounting": "no", "ManagedOOMSwap": "auto",
"ManagedOOMMemoryPressure": "auto", "ManagedOOMMemoryPressureLimit": "0",
"ManagedOOMPreference": "none", "MemoryPressureWatch": "auto",
"MemoryPressureThresholdUsec": "200ms", "CoredumpReceive": "no", "Environment":
"APACHE_STARTED_BY_SYSTEMD=true", "UMask": "0022", "LimitCPU": "infinity", "LimitCPUSoft":

"infinity", "LimitFSIZE": "infinity", "LimitFSIZESoft": "infinity", "LimitDATA": "infinity", "LimitDATASoft": "infinity", "LimitSTACK": "infinity", "LimitSTACKSoft": "8388608", "LimitCORE": "infinity", "LimitCORESoft": "0", "LimitRSS": "infinity", "LimitRSSSoft": "infinity", "LimitNOFILE": "524288", "LimitNOFILESoft": "1024", "LimitAS": "infinity", "LimitASSoft": "infinity", "LimitNPROC": "3769", "LimitNPROCSoft": "3769", "LimitMEMLOCK": "8388608", "LimitMEMLOCKSoft": "8388608", "LimitLOCKS": "infinity", "LimitLOCKSSoft": "infinity", "LimitSIGPENDING": "3769", "LimitSIGPENDINGSoft": "3769", "LimitMSGQUEUE": "819200", "LimitMSGQUEUESoft": "819200", "LimitNICE": "0", "LimitNICESoft": "0", "LimitRTPRIO": "0", "LimitRTPRIOSoft": "0", "LimitRTTIME": "infinity", "LimitRTTIMESoft": "infinity", "RootEphemeral": "no", "OOMScoreAdjust": "0", "CoredumpFilter": "0x33", "Nice": "0", "IOSchedulingClass": "2", "IOSchedulingPriority": "4", "CPUSchedulingPolicy": "0", "CPUSchedulingPriority": "0", "CPUAffinityFromNUMA": "no", "NUMAPolicy": "n/a", "TimerSlackNSec": "50000", "CPUSchedulingResetOnFork": "no", "NonBlocking": "no", "StandardInput": "null", "StandardOutput": "journal", "StandardError": "inherit", "TTYReset": "no", "TTYVHangup": "no", "TTYVTDisallocate": "no", "SyslogPriority": "30", "SyslogLevelPrefix": "yes", "SyslogLevel": "6", "SyslogFacility": "3", "LogLevelMax": "-1", "LogRateLimitIntervalUSec": "0", "LogRateLimitBurst": "0", "SecureBits": "0", "CapabilityBoundingSet": "cap_chown cap_dac_override cap_dac_read_search cap_fowner cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap cap_linux_immutable cap_net_bind_service cap_net_broadcast cap_net_admin cap_net_raw cap_ipc_lock cap_ipc_owner cap_sys_module cap_sys_rawio cap_sys_chroot cap_sys_ptrace cap_sys_pacct cap_sys_admin cap_sys_boot cap_sys_nice cap_sys_resource cap_sys_time cap_sys_tty_config cap_mknod cap_lease cap_audit_write cap_audit_control cap_setfcap cap_mac_override cap_mac_admin cap_syslog cap_wake_alarm cap_block_suspend cap_audit_read cap_perfmon cap_bpf cap_checkpoint_restore", "DynamicUser": "no", "SetLoginEnvironment": "no", "RemoveIPC": "no", "PrivateTmp": "yes", "PrivateDevices": "no", "ProtectClock": "no", "ProtectKernelTunables": "no", "ProtectKernelModules": "no", "ProtectKernelLogs": "no", "ProtectControlGroups": "no", "PrivateNetwork": "no", "PrivateUsers": "no", "PrivateMounts": "no", "PrivateIPC": "no", "ProtectHome": "no", "ProtectSystem": "no", "SameProcessGroup": "no", "UtmpMode": "init", "IgnoreSIGPIPE": "yes", "NoNewPrivileges": "no", "SystemCallErrorNumber": "2147483646", "LockPersonality": "no", "RuntimeDirectoryPreserve": "no", "RuntimeDirectoryMode": "0755", "StateDirectoryMode": "0755", "CacheDirectoryMode": "0755", "LogsDirectoryMode": "0755", "ConfigurationDirectoryMode": "0755", "TimeoutCleanUSec": "infinity", "MemoryDenyWriteExecute": "no", "RestrictRealtime": "no", "RestrictSUIDSGID": "no", "RestrictNamespaces": "no", "MountAPIVFS": "no", "KeyringMode": "private", "ProtectProc": "default", "ProcSubset": "all", "ProtectHostname": "no", "MemoryKSM": "no", "RootImagePolicy": "root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent", "MountImagePolicy": "root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent", "ExtensionImagePolicy": "root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent"

```
ed+absent:var=encrypted+unprotected+absent", "KillMode": "mixed", "KillSignal": "15",
"RestartKillSignal": "15", "FinalKillSignal": "9", "SendSIGKILL": "yes", "SendSIGHUP": "no",
"WatchdogSignal": "6", "Id": "apache2.service", "Names": "apache2.service", "Requires": "system.slice
sysinit.target -.mount", "Wants": "tmp.mount", "WantedBy": "multi-user.target", "Conflicts":
"shutdown.target", "Before": "shutdown.target multi-user.target apache-htcacheclean.service", "After":
"network.target nss-lookup.target system.slice basic.target -.mount remote-fs.target tmp.mount
systemd-journald.socket sysinit.target systemd-tmpfiles-setup.service", "RequiresMountsFor":
"/var/tmp", "Documentation": "https://httpd.apache.org/docs/2.4/", "Description": "The Apache HTTP
Server", "LoadState": "loaded", "ActiveState": "active", "FreezerState": "running", "SubState": "running",
"FragmentPath": "/usr/lib/systemd/system/apache2.service", "UnitFileState": "enabled",
"UnitFilePreset": "enabled", "StateChangeTimestamp": "Mon 2024-12-30 12:18:59 UTC",
"StateChangeTimestampMonotonic": "2492485135", "InactiveExitTimestamp": "Mon 2024-12-30
12:18:59 UTC", "InactiveExitTimestampMonotonic": "2492454759", "ActiveEnterTimestamp": "Mon
2024-12-30 12:18:59 UTC", "ActiveEnterTimestampMonotonic": "2492485135",
"ActiveExitTimestampMonotonic": "0", "InactiveEnterTimestampMonotonic": "0", "CanStart": "yes",
"CanStop": "yes", "CanReload": "yes", "CanIsolate": "no", "CanFreeze": "yes", "StopWhenUnneeded":
"no", "RefuseManualStart": "no", "RefuseManualStop": "no", "AllowIsolate": "no",
"DefaultDependencies": "yes", "SurviveFinalKillSignal": "no", "OnSuccessJobMode": "fail",
"OnFailureJobMode": "replace", "IgnoreOnIsolate": "no", "NeedDaemonReload": "no",
"JobTimeoutUsec": "infinity", "JobRunningTimeoutUsec": "infinity", "JobTimeoutAction": "none",
"ConditionResult": "yes", "AssertResult": "yes", "ConditionTimestamp": "Mon 2024-12-30 12:18:59
UTC", "ConditionTimestampMonotonic": "2492445051", "AssertTimestamp": "Mon 2024-12-30 12:18:59
UTC", "AssertTimestampMonotonic": "2492445054", "Transient": "no", "Perpetual": "no",
"StartLimitIntervalUsec": "10s", "StartLimitBurst": "5", "StartLimitAction": "none", "FailureAction":
"none", "SuccessAction": "none", "InvocationID": "60b7912b3f14491680584835844f2d1f",
"CollectMode": "inactive", "enabled": true, "state": "started", "invocation": {"module_args": {"name":
"apache2", "state": "started", "enabled": true, "daemon_reload": false, "daemon_reexec": false,
"scope": "system", "no_block": false, "force": null, "masked": null}}}\r\n', b'Shared connection to
172.31.29.245 closed.\r\n')
```

<172.31.29.245> ESTABLISH SSH CONNECTION FOR USER: None

```
<172.31.29.245> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/194c1b9dcf"' 172.31.29.245 '/bin/sh -c ""rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.3216262-11810-186466318683384/ > /dev/null
2>&1 && sleep 0""'
```

<172.31.31.111> (0, b'', b'')

ok: [172.31.31.111] => {

```
"changed": false,

"enabled": true,

"invocation": {

  "module_args": {

    "daemon_reexec": false,

    "daemon_reload": false,

    "enabled": true,

    "force": null,

    "masked": null,

    "name": "apache2",

    "no_block": false,

    "scope": "system",

    "state": "started"

  }

},

"name": "apache2",

"state": "started",

"status": {

  "ActiveEnterTimestamp": "Mon 2024-12-30 12:18:58 UTC",

  "ActiveEnterTimestampMonotonic": "2491749654",

  "ActiveExitTimestampMonotonic": "0",

  "ActiveState": "active",

  "After": "sysinit.target tmp.mount -.mount remote-fs.target systemd-tmpfiles-setup.service nss-lookup.target systemd-journald.socket network.target basic.target system.slice",

  "AllowIsolate": "no",

  "AssertResult": "yes",
```

"AssertTimestamp": "Mon 2024-12-30 12:18:58 UTC",

"AssertTimestampMonotonic": "2491714500",

"Before": "multi-user.target shutdown.target apache-htcacheclean.service",

"BlockIOAccounting": "no",

"BlockIOWeight": "[not set]",

"CPUAccounting": "yes",

"CPUAffinityFromNUMA": "no",

"CPUQuotaPerSecUSec": "infinity",

"CPUQuotaPeriodUSec": "infinity",

"CPUSchedulingPolicy": "0",

"CPUSchedulingPriority": "0",

"CPUSchedulingResetOnFork": "no",

"CPUShares": "[not set]",

"CPUUsageNSec": "45806000",

"CPUWeight": "[not set]",

"CacheDirectoryMode": "0755",

"CanFreeze": "yes",

"CanIsolate": "no",

"CanReload": "yes",

"CanStart": "yes",

"CanStop": "yes",

"CapabilityBoundingSet": "cap_chown cap_dac_override cap_dac_read_search cap_fowner
cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap cap_linux_immutable cap_net_bind_service
cap_net_broadcast cap_net_admin cap_net_raw cap_ipc_lock cap_ipc_owner cap_sys_module
cap_sys_rawio cap_sys_chroot cap_sys_ptrace cap_sys_pacct cap_sys_admin cap_sys_boot
cap_sys_nice cap_sys_resource cap_sys_time cap_sys_tty_config cap_mknod cap_lease
cap_audit_write cap_audit_control cap_setfcap cap_mac_override cap_mac_admin cap_syslog
cap_wake_alarm cap_block_suspend cap_audit_read cap_perfmon cap_bpf cap_checkpoint_restore",

"CleanResult": "success",
"CollectMode": "inactive",
"ConditionResult": "yes",
"ConditionTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"ConditionTimestampMonotonic": "2491714498",
"ConfigurationDirectoryMode": "0755",
"Conflicts": "shutdown.target",
"ControlGroup": "/system.slice/apache2.service",
"ControlGroupId": "7053",
"ControlPID": "0",
"CoredumpFilter": "0x33",
"CoredumpReceive": "no",
"DefaultDependencies": "yes",
"DefaultMemoryLow": "0",
"DefaultMemoryMin": "0",
"DefaultStartupMemoryLow": "0",
"Delegate": "no",
"Description": "The Apache HTTP Server",
"DevicePolicy": "auto",
"Documentation": "https://httpd.apache.org/docs/2.4/",
"DynamicUser": "no",
"Environment": "APACHE_STARTED_BY_SYSTEMD=true",
"ExecMainCode": "0",
"ExecMainExitTimestampMonotonic": "0",
"ExecMainPID": "12640",

"ExecMainStartTimestamp": "Mon 2024-12-30 12:18:58 UTC",

"ExecMainStartTimestampMonotonic": "2491749632",

"ExecMainStatus": "0",

"ExecReload": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStart": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStartEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStop": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStopEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExitType": "main",

"ExtensionImagePolicy":

"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent",

"FailureAction": "none",

"FileDescriptorStoreMax": "0",

"FileDescriptorStorePreserve": "restart",

"FinalKillSignal": "9",

"FragmentPath": "/usr/lib/systemd/system/apache2.service",

"FreezerState": "running",

"GID": "[not set]",

"GuessMainPID": "yes",

"IOAccounting": "no",

"IOReadBytes": "[not set]",
"IOReadOperations": "[not set]",
"IOSchedulingClass": "2",
"IOSchedulingPriority": "4",
"IOWeight": "[not set]",
"IOWriteBytes": "[not set]",
"IOWriteOperations": "[not set]",
"IPAccounting": "no",
"IPEgressBytes": "[no data]",
"IPEgressPackets": "[no data]",
"IPIngressBytes": "[no data]",
"IPIngressPackets": "[no data]",
"Id": "apache2.service",
"IgnoreOnIsolate": "no",
"IgnoreSIGPIPE": "yes",
"InactiveEnterTimestampMonotonic": "0",
"InactiveExitTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"InactiveExitTimestampMonotonic": "2491722944",
"InvocationID": "65698f4034114e1881839ec05b550cdd",
"JobRunningTimeoutUsec": "infinity",
"JobTimeoutAction": "none",
"JobTimeoutUsec": "infinity",
"KeyringMode": "private",
"KillMode": "mixed",
"KillSignal": "15",

"LimitAS": "infinity",
"LimitASSoft": "infinity",
"LimitCORE": "infinity",
"LimitCORESoft": "0",
"LimitCPU": "infinity",
"LimitCPUSoft": "infinity",
"LimitDATA": "infinity",
"LimitDATASoft": "infinity",
"LimitFSIZE": "infinity",
"LimitFSIZESoft": "infinity",
"LimitLOCKS": "infinity",
"LimitLOCKSSoft": "infinity",
"LimitMEMLOCK": "8388608",
"LimitMEMLOCKSoft": "8388608",
"LimitMSGQUEUE": "819200",
"LimitMSGQUEUESoft": "819200",
"LimitNICE": "0",
"LimitNICESoft": "0",
"LimitNOFILE": "524288",
"LimitNOFILESoft": "1024",
"LimitNPROC": "3769",
"LimitNPROCSoft": "3769",
"LimitRSS": "infinity",
"LimitRSSSoft": "infinity",
"LimitRTPRIO": "0",

"LimitRTPRIOSoft": "0",
"LimitRTTIME": "infinity",
"LimitRTTIMESoft": "infinity",
"LimitSIGPENDING": "3769",
"LimitSIGPENDINGSoft": "3769",
"LimitSTACK": "infinity",
"LimitSTACKSoft": "8388608",
"LoadState": "loaded",
"LockPersonality": "no",
"LogLevelMax": "-1",
"LogRateLimitBurst": "0",
"LogRateLimitIntervalUsec": "0",
"LogsDirectoryMode": "0755",
"MainPID": "12640",
"ManagedOOMMemoryPressure": "auto",
"ManagedOOMMemoryPressureLimit": "0",
"ManagedOOMPreference": "none",
"ManagedOOMSwap": "auto",
"MemoryAccounting": "yes",
"MemoryAvailable": "609718272",
"MemoryCurrent": "5660672",
"MemoryDenyWriteExecute": "no",
"MemoryHigh": "infinity",
"MemoryKSM": "no",
"MemoryLimit": "infinity",

"MemoryLow": "0",
"MemoryMax": "infinity",
"MemoryMin": "0",
"MemoryPeak": "5906432",
"MemoryPressureThresholdUsec": "200ms",
"MemoryPressureWatch": "auto",
"MemorySwapCurrent": "0",
"MemorySwapMax": "infinity",
"MemorySwapPeak": "0",
"MemoryZSwapCurrent": "0",
"MemoryZSwapMax": "infinity",
"MountAPIVFS": "no",
"MountImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent",
"NFileDescriptorStore": "0",
"NRestarts": "0",
"NUMAPolicy": "n/a",
"Names": "apache2.service",
"NeedDaemonReload": "no",
"Nice": "0",
"NoNewPrivileges": "no",
"NonBlocking": "no",
"NotifyAccess": "none",
"OOMPolicy": "continue",
"OOMScoreAdjust": "0",

"OnFailureJobMode": "replace",
"OnSuccessJobMode": "fail",
"Perpetual": "no",
"PrivateDevices": "no",
"PrivateIPC": "no",
"PrivateMounts": "no",
"PrivateNetwork": "no",
"PrivateTmp": "yes",
"PrivateUsers": "no",
"ProcSubset": "all",
"ProtectClock": "no",
"ProtectControlGroups": "no",
"ProtectHome": "no",
"ProtectHostname": "no",
"ProtectKernelLogs": "no",
"ProtectKernelModules": "no",
"ProtectKernelTunables": "no",
"ProtectProc": "default",
"ProtectSystem": "no",
"RefuseManualStart": "no",
"RefuseManualStop": "no",
"ReloadResult": "success",
"ReloadSignal": "1",
"RemainAfterExit": "no",
"RemoveIPC": "no",

"Requires": "sysinit.target system.slice -.mount",
"RequiresMountsFor": "/var/tmp",
"Restart": "on-abort",
"RestartKillSignal": "15",
"RestartMaxDelayUsec": "infinity",
"RestartMode": "normal",
"RestartSteps": "0",
"RestartUsec": "100ms",
"RestartUsecNext": "100ms",
"RestrictNamespaces": "no",
"RestrictRealtime": "no",
"RestrictSUIDSGID": "no",
"Result": "success",
"RootDirectoryStartOnly": "no",
"RootEphemeral": "no",
"RootImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent",
"RuntimeDirectoryMode": "0755",
"RuntimeDirectoryPreserve": "no",
"RuntimeMaxUsec": "infinity",
"RuntimeRandomizedExtraUsec": "0",
"SameProcessGroup": "no",
"SecureBits": "0",
"SendSIGHUP": "no",
"SendSIGKILL": "yes",

"SetLoginEnvironment": "no",
"Slice": "system.slice",
"StandardError": "inherit",
"StandardInput": "null",
"StandardOutput": "journal",
"StartLimitAction": "none",
"StartLimitBurst": "5",
"StartLimitIntervalUsec": "10s",
"StartupBlockIOWeight": "[not set]",
"StartupCPUShares": "[not set]",
"StartupCPUWeight": "[not set]",
"StartupIOWeight": "[not set]",
"StartupMemoryHigh": "infinity",
"StartupMemoryLow": "0",
"StartupMemoryMax": "infinity",
"StartupMemorySwapMax": "infinity",
"StartupMemoryZSwapMax": "infinity",
"StateChangeTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"StateChangeTimestampMonotonic": "2491749654",
"StateDirectoryMode": "0755",
"StatusErrno": "0",
"StopWhenUnneeded": "no",
"SubState": "running",
"SuccessAction": "none",
"SurviveFinalKillSignal": "no",

"SyslogFacility": "3",
"SyslogLevel": "6",
"SyslogLevelPrefix": "yes",
"SyslogPriority": "30",
"SystemCallErrorNumber": "2147483646",
"TTYReset": "no",
"TTYVHangup": "no",
"TTYVTDisallocate": "no",
"TasksAccounting": "yes",
"TasksCurrent": "55",
"TasksMax": "1130",
"TimeoutAbortUsec": "1min 30s",
"TimeoutCleanUsec": "infinity",
"TimeoutStartFailureMode": "terminate",
"TimeoutStartUsec": "1min 30s",
"TimeoutStopFailureMode": "terminate",
"TimeoutStopUsec": "1min 30s",
"TimerSlackNsec": "50000",
"Transient": "no",
"Type": "forking",
"UID": "[not set]",
"UMask": "0022",
"UnitFilePreset": "enabled",
"UnitFileState": "enabled",
"UtmpMode": "init",

```
"WantedBy": "multi-user.target",

"Wants": "tmp.mount",

"WatchdogSignal": "6",

"WatchdogTimestampMonotonic": "0",

"WatchdogUsec": "0"

}

}

<172.31.29.245> (0, b'', b'')

ok: [172.31.29.245] => {

  "changed": false,

  "enabled": true,

  "invocation": {

    "module_args": {

      "daemon_reexec": false,

      "daemon_reload": false,

      "enabled": true,

      "force": null,

      "masked": null,

      "name": "apache2",

      "no_block": false,

      "scope": "system",

      "state": "started"

    }

  },

  "name": "apache2",
```

```
"state": "started",

"status": {

  "ActiveEnterTimestamp": "Mon 2024-12-30 12:18:59 UTC",

  "ActiveEnterTimestampMonotonic": "2492485135",

  "ActiveExitTimestampMonotonic": "0",

  "ActiveState": "active",

  "After": "network.target nss-lookup.target system.slice basic.target -.mount remote-fs.target
tmp.mount systemd-journald.socket sysinit.target systemd-tmpfiles-setup.service",

  "AllowIsolate": "no",

  "AssertResult": "yes",

  "AssertTimestamp": "Mon 2024-12-30 12:18:59 UTC",

  "AssertTimestampMonotonic": "2492445054",

  "Before": "shutdown.target multi-user.target apache-htcacheclean.service",

  "BlockIOAccounting": "no",

  "BlockIOWeight": "[not set]",

  "CPUAccounting": "yes",

  "CPUAffinityFromNUMA": "no",

  "CPUQuotaPerSecUSec": "infinity",

  "CPUQuotaPeriodUSec": "infinity",

  "CPUSchedulingPolicy": "0",

  "CPUSchedulingPriority": "0",

  "CPUSchedulingResetOnFork": "no",

  "CPUShares": "[not set]",

  "CPUUsageNSec": "45040000",

  "CPUWeight": "[not set]",

  "CacheDirectoryMode": "0755",
```

"CanFreeze": "yes",

"CanIsolate": "no",

"CanReload": "yes",

"CanStart": "yes",

"CanStop": "yes",

"CapabilityBoundingSet": "cap_chown cap_dac_override cap_dac_read_search cap_fowner
cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap cap_linux_immutable cap_net_bind_service
cap_net_broadcast cap_net_admin cap_net_raw cap_ipc_lock cap_ipc_owner cap_sys_module
cap_sys_rawio cap_sys_chroot cap_sys_ptrace cap_sys_pacct cap_sys_admin cap_sys_boot
cap_sys_nice cap_sys_resource cap_sys_time cap_sys_tty_config cap_mknod cap_lease
cap_audit_write cap_audit_control cap_setfcap cap_mac_override cap_mac_admin cap_syslog
cap_wake_alarm cap_block_suspend cap_audit_read cap_perfmon cap_bpf cap_checkpoint_restore",

"CleanResult": "success",

"CollectMode": "inactive",

"ConditionResult": "yes",

"ConditionTimestamp": "Mon 2024-12-30 12:18:59 UTC",

"ConditionTimestampMonotonic": "2492445051",

"ConfigurationDirectoryMode": "0755",

"Conflicts": "shutdown.target",

"ControlGroup": "/system.slice/apache2.service",

"ControlGroupId": "7606",

"ControlPID": "0",

"CoredumpFilter": "0x33",

"CoredumpReceive": "no",

"DefaultDependencies": "yes",

"DefaultMemoryLow": "0",

"DefaultMemoryMin": "0",

"DefaultStartupMemoryLow": "0",

"Delegate": "no",

"Description": "The Apache HTTP Server",

"DevicePolicy": "auto",

"Documentation": "https://httpd.apache.org/docs/2.4/",

"DynamicUser": "no",

"Environment": "APACHE_STARTED_BY_SYSTEMD=true",

"ExecMainCode": "0",

"ExecMainExitTimestampMonotonic": "0",

"ExecMainPID": "3406",

"ExecMainStartTimestamp": "Mon 2024-12-30 12:18:59 UTC",

"ExecMainStartTimestampMonotonic": "2492485114",

"ExecMainStatus": "0",

"ExecReload": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStart": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStartEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStop": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStopEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExitType": "main",

"ExtensionImagePolicy":

"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent",

"FailureAction": "none",
"FileDescriptorStoreMax": "0",
"FileDescriptorStorePreserve": "restart",
"FinalKillSignal": "9",
"FragmentPath": "/usr/lib/systemd/system/apache2.service",
"FreezerState": "running",
"GID": "[not set]",
"GuessMainPID": "yes",
"IOAccounting": "no",
"IOReadBytes": "[not set]",
"IOReadOperations": "[not set]",
"IOSchedulingClass": "2",
"IOSchedulingPriority": "4",
"IOWeight": "[not set]",
"IOWriteBytes": "[not set]",
"IOWriteOperations": "[not set]",
"IPAccounting": "no",
"IPEgressBytes": "[no data]",
"IPEgressPackets": "[no data]",
"IPIngressBytes": "[no data]",
"IPIngressPackets": "[no data]",
"Id": "apache2.service",
"IgnoreOnIsolate": "no",
"IgnoreSIGPIPE": "yes",
"InactiveEnterTimestampMonotonic": "0",

"InactiveExitTimestamp": "Mon 2024-12-30 12:18:59 UTC",
"InactiveExitTimestampMonotonic": "2492454759",
"InvocationID": "60b7912b3f14491680584835844f2d1f",
"JobRunningTimeoutUsec": "infinity",
"JobTimeoutAction": "none",
"JobTimeoutUsec": "infinity",
"KeyringMode": "private",
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"KillSignal": "15",
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"LimitASSoft": "infinity",
"LimitCORE": "infinity",
"LimitCORESoft": "0",
"LimitCPU": "infinity",
"LimitCPUSoft": "infinity",
"LimitDATA": "infinity",
"LimitDATASoft": "infinity",
"LimitFSIZE": "infinity",
"LimitFSIZESoft": "infinity",
"LimitLOCKS": "infinity",
"LimitLOCKSSoft": "infinity",
"LimitMEMLOCK": "8388608",
"LimitMEMLOCKSoft": "8388608",
"LimitMSGQUEUE": "819200",
"LimitMSGQUEUESoft": "819200",

"LimitNICE": "0",
"LimitNICESoft": "0",
"LimitNOFILE": "524288",
"LimitNOFILESoft": "1024",
"LimitNPROC": "3769",
"LimitNPROCSoft": "3769",
"LimitRSS": "infinity",
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"LimitRTPRIO": "0",
"LimitRTPRIOSoft": "0",
"LimitRTTIME": "infinity",
"LimitRTTIMESoft": "infinity",
"LimitSIGPENDING": "3769",
"LimitSIGPENDINGSoft": "3769",
"LimitSTACK": "infinity",
"LimitSTACKSoft": "8388608",
"LoadState": "loaded",
"LockPersonality": "no",
"LogLevelMax": "-1",
"LogRateLimitBurst": "0",
"LogRateLimitIntervalUsec": "0",
"LogsDirectoryMode": "0755",
"MainPID": "3406",
"ManagedOOMMemoryPressure": "auto",
"ManagedOOMMemoryPressureLimit": "0",

"ManagedOOMPreference": "none",
"ManagedOOMSwap": "auto",
"MemoryAccounting": "yes",
"MemoryAvailable": "609693696",
"MemoryCurrent": "5648384",
"MemoryDenyWriteExecute": "no",
"MemoryHigh": "infinity",
"MemoryKSM": "no",
"MemoryLimit": "infinity",
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"MemoryMin": "0",
"MemoryPeak": "5738496",
"MemoryPressureThresholdUsec": "200ms",
"MemoryPressureWatch": "auto",
"MemorySwapCurrent": "0",
"MemorySwapMax": "infinity",
"MemorySwapPeak": "0",
"MemoryZSwapCurrent": "0",
"MemoryZSwapMax": "infinity",
"MountAPIVFS": "no",
"MountImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent",
"NFileDescriptorStore": "0",
"NRestarts": "0",

"NUMAPolicy": "n/a",
"Names": "apache2.service",
"NeedDaemonReload": "no",
"Nice": "0",
"NoNewPrivileges": "no",
"NonBlocking": "no",
"NotifyAccess": "none",
"OOMPolicy": "continue",
"OOMScoreAdjust": "0",
"OnFailureJobMode": "replace",
"OnSuccessJobMode": "fail",
"Perpetual": "no",
"PrivateDevices": "no",
"PrivateIPC": "no",
"PrivateMounts": "no",
"PrivateNetwork": "no",
"PrivateTmp": "yes",
"PrivateUsers": "no",
"ProcSubset": "all",
"ProtectClock": "no",
"ProtectControlGroups": "no",
"ProtectHome": "no",
"ProtectHostname": "no",
"ProtectKernelLogs": "no",
"ProtectKernelModules": "no",

"ProtectKernelTunables": "no",
"ProtectProc": "default",
"ProtectSystem": "no",
"RefuseManualStart": "no",
"RefuseManualStop": "no",
"ReloadResult": "success",
"ReloadSignal": "1",
"RemainAfterExit": "no",
"RemoveIPC": "no",
"Requires": "system.slice sysinit.target -.mount",
"RequiresMountsFor": "/var/tmp",
"Restart": "on-abort",
"RestartKillSignal": "15",
"RestartMaxDelayUsec": "infinity",
"RestartMode": "normal",
"RestartSteps": "0",
"RestartUsec": "100ms",
"RestartUsecNext": "100ms",
"RestrictNamespaces": "no",
"RestrictRealtime": "no",
"RestrictSUIDSGID": "no",
"Result": "success",
"RootDirectoryStartOnly": "no",
"RootEphemeral": "no",
"RootImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent"

:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent",

"RuntimeDirectoryMode": "0755",
"RuntimeDirectoryPreserve": "no",
"RuntimeMaxUsec": "infinity",
"RuntimeRandomizedExtraUsec": "0",
"SameProcessGroup": "no",
"SecureBits": "0",
"SendSIGHUP": "no",
"SendSIGKILL": "yes",
"SetLoginEnvironment": "no",
"Slice": "system.slice",
"StandardError": "inherit",
"StandardInput": "null",
"StandardOutput": "journal",
"StartLimitAction": "none",
"StartLimitBurst": "5",
"StartLimitIntervalUsec": "10s",
"StartupBlockIOWeight": "[not set]",
"StartupCPUShares": "[not set]",
"StartupCPUWeight": "[not set]",
"StartupIOWeight": "[not set]",
"StartupMemoryHigh": "infinity",
"StartupMemoryLow": "0",
"StartupMemoryMax": "infinity",
"StartupMemorySwapMax": "infinity",

"StartupMemoryZSwapMax": "infinity",
"StateChangeTimestamp": "Mon 2024-12-30 12:18:59 UTC",
"StateChangeTimestampMonotonic": "2492485135",
"StateDirectoryMode": "0755",
"StatusErrno": "0",
"StopWhenUnneeded": "no",
"SubState": "running",
"SuccessAction": "none",
"SurviveFinalKillSignal": "no",
"SyslogFacility": "3",
"SyslogLevel": "6",
"SyslogLevelPrefix": "yes",
"SyslogPriority": "30",
"SystemCallErrorNumber": "2147483646",
"TTYReset": "no",
"TTYVHangup": "no",
"TTYVTDisallocate": "no",
"TasksAccounting": "yes",
"TasksCurrent": "55",
"TasksMax": "1130",
"TimeoutAbortUsec": "1min 30s",
"TimeoutCleanUsec": "infinity",
"TimeoutStartFailureMode": "terminate",
"TimeoutStartUsec": "1min 30s",
"TimeoutStopFailureMode": "terminate",

```

    "TimeoutStopUSec": "1min 30s",
    "TimerSlackNSec": "50000",
    "Transient": "no",
    "Type": "forking",
    "UID": "[not set]",
    "UMask": "0022",
    "UnitFilePreset": "enabled",
    "UnitFileState": "enabled",
    "UtmpMode": "init",
    "WantedBy": "multi-user.target",
    "Wants": "tmp.mount",
    "WatchdogSignal": "6",
    "WatchdogTimestampMonotonic": "0",
    "WatchdogUSec": "0"
}
}

<172.31.18.113> (0, b'\r\n{"name": "apache2", "changed": false, "status": {"Type": "forking", "ExitType":
"main", "Restart": "on-abort", "RestartMode": "normal", "NotifyAccess": "none", "RestartUSec":
"100ms", "RestartSteps": "0", "RestartMaxDelayUSec": "infinity", "RestartUSecNext": "100ms",
"TimeoutStartUSec": "1min 30s", "TimeoutStopUSec": "1min 30s", "TimeoutAbortUSec": "1min 30s",
"TimeoutStartFailureMode": "terminate", "TimeoutStopFailureMode": "terminate", "RuntimeMaxUSec":
"infinity", "RuntimeRandomizedExtraUSec": "0", "WatchdogUSec": "0",
"WatchdogTimestampMonotonic": "0", "RootDirectoryStartOnly": "no", "RemainAfterExit": "no",
"GuessMainPID": "yes", "MainPID": "12843", "ControlPID": "0", "FileDescriptorStoreMax": "0",
"NFileDescriptorStore": "0", "FileDescriptorStorePreserve": "restart", "StatusErrno": "0", "Result":
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"NRestarts": "0", "OOMPolicy": "continue", "ReloadSignal": "1", "ExecMainStartTimestamp": "Mon
2024-12-30 12:18:58 UTC", "ExecMainStartTimestampMonotonic": "2472474621",
"ExecMainExitTimestampMonotonic": "0", "ExecMainPID": "12843", "ExecMainCode": "0",
"ExecMainStatus": "0", "ExecStart": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ;
ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStartEx":

```

"{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecReload": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStop": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "ExecStopEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }", "Slice": "system.slice", "ControlGroup": "/system.slice/apache2.service", "ControlGroupId": "7263", "MemoryCurrent": "5541888", "MemoryPeak": "5816320", "MemorySwapCurrent": "0", "MemorySwapPeak": "0", "MemoryZSwapCurrent": "0", "MemoryAvailable": "599134208", "CPUUsageNSec": "53559000", "TasksCurrent": "55", "IPIngressBytes": "[no data]", "IPIngressPackets": "[no data]", "IPEgressBytes": "[no data]", "IPEgressPackets": "[no data]", "IOReadBytes": "[not set]", "IOReadOperations": "[not set]", "IOWriteBytes": "[not set]", "IOWriteOperations": "[not set]", "Delegate": "no", "CPUAccounting": "yes", "CPUWeight": "[not set]", "StartupCPUWeight": "[not set]", "CPUShares": "[not set]", "StartupCPUShares": "[not set]", "CPUQuotaPerSecUSec": "infinity", "CPUQuotaPeriodUSec": "infinity", "IOAccounting": "no", "IOWeight": "[not set]", "StartupIOWeight": "[not set]", "BlockIOAccounting": "no", "BlockIOWeight": "[not set]", "StartupBlockIOWeight": "[not set]", "MemoryAccounting": "yes", "DefaultMemoryLow": "0", "DefaultStartupMemoryLow": "0", "DefaultMemoryMin": "0", "MemoryMin": "0", "MemoryLow": "0", "StartupMemoryLow": "0", "MemoryHigh": "infinity", "StartupMemoryHigh": "infinity", "MemoryMax": "infinity", "StartupMemoryMax": "infinity", "MemorySwapMax": "infinity", "StartupMemorySwapMax": "infinity", "MemoryZSwapMax": "infinity", "StartupMemoryZSwapMax": "infinity", "MemoryLimit": "infinity", "DevicePolicy": "auto", "TasksAccounting": "yes", "TasksMax": "1130", "IPAccounting": "no", "ManagedOOMSwap": "auto", "ManagedOOMMemoryPressure": "auto", "ManagedOOMMemoryPressureLimit": "0", "ManagedOOMPreference": "none", "MemoryPressureWatch": "auto", "MemoryPressureThresholdUSec": "200ms", "CoredumpReceive": "no", "Environment": "APACHE_STARTED_BY_SYSTEMD=true", "UMask": "0022", "LimitCPU": "infinity", "LimitCPUSoft": "infinity", "LimitFSIZE": "infinity", "LimitFSIZESoft": "infinity", "LimitDATA": "infinity", "LimitDATASoft": "infinity", "LimitSTACK": "infinity", "LimitSTACKSoft": "8388608", "LimitCORE": "infinity", "LimitCORESoft": "0", "LimitRSS": "infinity", "LimitRSSSoft": "infinity", "LimitNOFILE": "524288", "LimitNOFILESoft": "1024", "LimitAS": "infinity", "LimitASSoft": "infinity", "LimitNPROC": "3769", "LimitNPROCSoft": "3769", "LimitMEMLOCK": "8388608", "LimitMEMLOCKSoft": "8388608", "LimitLOCKS": "infinity", "LimitLOCKSSoft": "infinity", "LimitSIGPENDING": "3769", "LimitSIGPENDINGSoft": "3769", "LimitMSGQUEUE": "819200", "LimitMSGQUEUESoft": "819200", "LimitNICE": "0", "LimitNICESoft": "0", "LimitRTPRIO": "0", "LimitRTPRIOSoft": "0", "LimitRTTIME": "infinity", "LimitRTTIMESoft": "infinity", "RootEphemeral": "no", "OOMScoreAdjust": "0", "CoredumpFilter": "0x33", "Nice": "0", "IOSchedulingClass": "2", "IOSchedulingPriority": "4", "CPUSchedulingPolicy": "0", "CPUSchedulingPriority": "0", "CPUAffinityFromNUMA": "no", "NUMAPolicy": "n/a", "TimerSlackNSec": "50000", "CPUSchedulingResetOnFork": "no", "NonBlocking": "no", "StandardInput": "null", "StandardOutput": "journal", "StandardError": "inherit", "TTYReset": "no",

"TTYVHangup": "no", "TTYVTDisallocate": "no", "SyslogPriority": "30", "SyslogLevelPrefix": "yes",
"SyslogLevel": "6", "SyslogFacility": "3", "LogLevelMax": "-1", "LogRateLimitIntervalUsec": "0",
"LogRateLimitBurst": "0", "SecureBits": "0", "CapabilityBoundingSet": "cap_chown cap_dac_override
cap_dac_read_search cap_fowner cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap
cap_linux_immutable cap_net_bind_service cap_net_broadcast cap_net_admin cap_net_raw
cap_ipc_lock cap_ipc_owner cap_sys_module cap_sys_rawio cap_sys_chroot cap_sys_ptrace
cap_sys_pacct cap_sys_admin cap_sys_boot cap_sys_nice cap_sys_resource cap_sys_time
cap_sys_tty_config cap_mknod cap_lease cap_audit_write cap_audit_control cap_setfcap
cap_mac_override cap_mac_admin cap_syslog cap_wake_alarm cap_block_suspend cap_audit_read
cap_perfmon cap_bpf cap_checkpoint_restore", "DynamicUser": "no", "SetLoginEnvironment": "no",
"RemoveIPC": "no", "PrivateTmp": "yes", "PrivateDevices": "no", "ProtectClock": "no",
"ProtectKernelTunables": "no", "ProtectKernelModules": "no", "ProtectKernelLogs": "no",
"ProtectControlGroups": "no", "PrivateNetwork": "no", "PrivateUsers": "no", "PrivateMounts": "no",
"PrivateIPC": "no", "ProtectHome": "no", "ProtectSystem": "no", "SameProcessGroup": "no",
"UtmpMode": "init", "IgnoreSIGPIPE": "yes", "NoNewPrivileges": "no", "SystemCallErrorNumber":
"2147483646", "LockPersonality": "no", "RuntimeDirectoryPreserve": "no", "RuntimeDirectoryMode":
"0755", "StateDirectoryMode": "0755", "CacheDirectoryMode": "0755", "LogsDirectoryMode": "0755",
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"no", "RestrictRealtime": "no", "RestrictSUIDSGID": "no", "RestrictNamespaces": "no", "MountAPIVFS":
"no", "KeyringMode": "private", "ProtectProc": "default", "ProcSubset": "all", "ProtectHostname": "no",
"MemoryKSM": "no", "RootImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "MountImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "ExtensionImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent", "KillMode": "mixed", "KillSignal": "15",
"RestartKillSignal": "15", "FinalKillSignal": "9", "SendSIGKILL": "yes", "SendSIGHUP": "no",
"WatchdogSignal": "6", "Id": "apache2.service", "Names": "apache2.service", "Requires": "system.slice -
.mount sysinit.target", "Wants": "tmp.mount", "WantedBy": "multi-user.target", "Conflicts":
"shutdown.target", "Before": "shutdown.target multi-user.target apache-htcacheclean.service", "After":
"remote-fs.target system.slice tmp.mount nss-lookup.target systemd-journald.socket basic.target
systemd-tmpfiles-setup.service -.mount network.target sysinit.target", "RequiresMountsFor":
"/var/tmp", "Documentation": "https://httpd.apache.org/docs/2.4/", "Description": "The Apache HTTP
Server", "LoadState": "loaded", "ActiveState": "active", "FreezerState": "running", "SubState": "running",
"FragmentPath": "/usr/lib/systemd/system/apache2.service", "UnitFileState": "enabled",
"UnitFilePreset": "enabled", "StateChangeTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"StateChangeTimestampMonotonic": "2472474665", "InactiveExitTimestamp": "Mon 2024-12-30
12:18:58 UTC", "InactiveExitTimestampMonotonic": "2472440271", "ActiveEnterTimestamp": "Mon

2024-12-30 12:18:58 UTC", "ActiveEnterTimestampMonotonic": "2472474665",
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"CanStop": "yes", "CanReload": "yes", "CanIsolate": "no", "CanFreeze": "yes", "StopWhenUnneeded":
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"DefaultDependencies": "yes", "SurviveFinalKillSignal": "no", "OnSuccessJobMode": "fail",
"OnFailureJobMode": "replace", "IgnoreOnIsolate": "no", "NeedDaemonReload": "no",
"JobTimeoutUsec": "infinity", "JobRunningTimeoutUsec": "infinity", "JobTimeoutAction": "none",
"ConditionResult": "yes", "AssertResult": "yes", "ConditionTimestamp": "Mon 2024-12-30 12:18:58
UTC", "ConditionTimestampMonotonic": "2472434769", "AssertTimestamp": "Mon 2024-12-30 12:18:58
UTC", "AssertTimestampMonotonic": "2472434773", "Transient": "no", "Perpetual": "no",
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"none", "SuccessAction": "none", "InvocationID": "63cab4f488c4483c8a36bfc26764158e",
"CollectMode": "inactive"}, "enabled": true, "state": "started", "invocation": {"module_args": {"name":
"apache2", "state": "started", "enabled": true, "daemon_reload": false, "daemon_reexec": false,
"scope": "system", "no_block": false, "force": null, "masked": null}}}\r\n', b'Shared connection to
172.31.18.113 closed.\r\n')

<172.31.18.113> ESTABLISH SSH CONNECTION FOR USER: None

<172.31.18.113> SSH: EXEC ssh -C -o ControlMaster=auto -o ControlPersist=60s -o
KbdInteractiveAuthentication=no -o PreferredAuthentications=gssapi-with-mic,gssapi-
keyex,hostbased,publickey -o PasswordAuthentication=no -o ConnectTimeout=10 -o
'ControlPath="/home/ubuntu/.ansible/cp/eb293ca32a"' 172.31.18.113 '/bin/sh -c ""rm -f -r
/home/ubuntu/.ansible/tmp/ansible-tmp-1735561437.2840147-11807-171232279756837/ > /dev/null
2>&1 && sleep 0""'

<172.31.18.113> (0, b'', b'')

ok: [172.31.18.113] => {

 "changed": false,

 "enabled": true,

 "invocation": {

 "module_args": {

 "daemon_reexec": false,

 "daemon_reload": false,

 "enabled": true,

 "force": null,

```
"masked": null,

"name": "apache2",

"no_block": false,

"scope": "system",

"state": "started"

}

},

"name": "apache2",

"state": "started",

"status": {

  "ActiveEnterTimestamp": "Mon 2024-12-30 12:18:58 UTC",

  "ActiveEnterTimestampMonotonic": "2472474665",

  "ActiveExitTimestampMonotonic": "0",

  "ActiveState": "active",

  "After": "remote-fs.target system.slice tmp.mount nss-lookup.target systemd-journald.socket
basic.target systemd-tmpfiles-setup.service -.mount network.target sysinit.target",

  "AllowIsolate": "no",

  "AssertResult": "yes",

  "AssertTimestamp": "Mon 2024-12-30 12:18:58 UTC",

  "AssertTimestampMonotonic": "2472434773",

  "Before": "shutdown.target multi-user.target apache-htcacheclean.service",

  "BlockIOAccounting": "no",

  "BlockIOWeight": "[not set]",

  "CPUAccounting": "yes",

  "CPUAffinityFromNUMA": "no",

  "CPUQuotaPerSecUSec": "infinity",
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"CPUQuotaPeriodUsec": "infinity",

"CPUSchedulingPolicy": "0",

"CPUSchedulingPriority": "0",

"CPUSchedulingResetOnFork": "no",

"CPUShares": "[not set]",

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"CanIsolate": "no",

"CanReload": "yes",

"CanStart": "yes",

"CanStop": "yes",

"CapabilityBoundingSet": "cap_chown cap_dac_override cap_dac_read_search cap_fowner
cap_fsetid cap_kill cap_setgid cap_setuid cap_setpcap cap_linux_immutable cap_net_bind_service
cap_net_broadcast cap_net_admin cap_net_raw cap_ipc_lock cap_ipc_owner cap_sys_module
cap_sys_rawio cap_sys_chroot cap_sys_ptrace cap_sys_pacct cap_sys_admin cap_sys_boot
cap_sys_nice cap_sys_resource cap_sys_time cap_sys_tty_config cap_mknod cap_lease
cap_audit_write cap_audit_control cap_setfcap cap_mac_override cap_mac_admin cap_syslog
cap_wake_alarm cap_block_suspend cap_audit_read cap_perfmon cap_bpf cap_checkpoint_restore",

"CleanResult": "success",

"CollectMode": "inactive",

"ConditionResult": "yes",

"ConditionTimestamp": "Mon 2024-12-30 12:18:58 UTC",

"ConditionTimestampMonotonic": "2472434769",

"ConfigurationDirectoryMode": "0755",

"Conflicts": "shutdown.target",

"ControlGroup": "/system.slice/apache2.service",

"ControlGroupId": "7263",
"ControlPID": "0",
"CoredumpFilter": "0x33",
"CoredumpReceive": "no",
"DefaultDependencies": "yes",
"DefaultMemoryLow": "0",
"DefaultMemoryMin": "0",
"DefaultStartupMemoryLow": "0",
"Delegate": "no",
"Description": "The Apache HTTP Server",
"DevicePolicy": "auto",
"Documentation": "https://httpd.apache.org/docs/2.4/",
"DynamicUser": "no",
"Environment": "APACHE_STARTED_BY_SYSTEMD=true",
"ExecMainCode": "0",
"ExecMainExitTimestampMonotonic": "0",
"ExecMainPID": "12843",
"ExecMainStartTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"ExecMainStartTimestampMonotonic": "2472474621",
"ExecMainStatus": "0",
"ExecReload": "{ path=/usr/sbin/apachectl ; argv[]={/usr/sbin/apachectl graceful ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",
"ExecReloadEx": "{ path=/usr/sbin/apachectl ; argv[]={/usr/sbin/apachectl graceful ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",
"ExecStart": "{ path=/usr/sbin/apachectl ; argv[]={/usr/sbin/apachectl start ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStartEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl start ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStop": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; ignore_errors=no ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExecStopEx": "{ path=/usr/sbin/apachectl ; argv[]=/usr/sbin/apachectl graceful-stop ; flags= ; start_time=[n/a] ; stop_time=[n/a] ; pid=0 ; code=(null) ; status=0/0 }",

"ExitType": "main",

"ExtensionImagePolicy":

"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotected+absent:var=encrypted+unprotected+absent",

"FailureAction": "none",

"FileDescriptorStoreMax": "0",

"FileDescriptorStorePreserve": "restart",

"FinalKillSignal": "9",

"FragmentPath": "/usr/lib/systemd/system/apache2.service",

"FreezerState": "running",

"GID": "[not set]",

"GuessMainPID": "yes",

"IOAccounting": "no",

"IOReadBytes": "[not set]",

"IOReadOperations": "[not set]",

"IOSchedulingClass": "2",

"IOSchedulingPriority": "4",

"IOWeight": "[not set]",

"IOWriteBytes": "[not set]",

"IOWriteOperations": "[not set]",

"IPAccounting": "no",

"IPEgressBytes": "[no data]",
"IPEgressPackets": "[no data]",
"IPIngressBytes": "[no data]",
"IPIngressPackets": "[no data]",
"Id": "apache2.service",
"IgnoreOnIsolate": "no",
"IgnoreSIGPIPE": "yes",
"InactiveEnterTimestampMonotonic": "0",
"InactiveExitTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"InactiveExitTimestampMonotonic": "2472440271",
"InvocationID": "63cab4f488c4483c8a36bfc26764158e",
"JobRunningTimeoutUsec": "infinity",
"JobTimeoutAction": "none",
"JobTimeoutUsec": "infinity",
"KeyringMode": "private",
"KillMode": "mixed",
"KillSignal": "15",
"LimitAS": "infinity",
"LimitASSoft": "infinity",
"LimitCORE": "infinity",
"LimitCORESoft": "0",
"LimitCPU": "infinity",
"LimitCPUSoft": "infinity",
"LimitDATA": "infinity",
"LimitDATASoft": "infinity",

"LimitFSIZE": "infinity",
"LimitFSIZESoft": "infinity",
"LimitLOCKS": "infinity",
"LimitLOCKSSoft": "infinity",
"LimitMEMLOCK": "8388608",
"LimitMEMLOCKSoft": "8388608",
"LimitMSGQUEUE": "819200",
"LimitMSGQUEUESoft": "819200",
"LimitNICE": "0",
"LimitNICESoft": "0",
"LimitNOFILE": "524288",
"LimitNOFILESoft": "1024",
"LimitNPROC": "3769",
"LimitNPROCSOFT": "3769",
"LimitRSS": "infinity",
"LimitRSSSoft": "infinity",
"LimitRTPRIO": "0",
"LimitRTPRIOSoft": "0",
"LimitRTTIME": "infinity",
"LimitRTTIMESoft": "infinity",
"LimitSIGPENDING": "3769",
"LimitSIGPENDINGSoft": "3769",
"LimitSTACK": "infinity",
"LimitSTACKSoft": "8388608",
"LoadState": "loaded",

"LockPersonality": "no",
"LogLevelMax": "-1",
"LogRateLimitBurst": "0",
"LogRateLimitIntervalUsec": "0",
"LogsDirectoryMode": "0755",
"MainPID": "12843",
"ManagedOOMMemoryPressure": "auto",
"ManagedOOMMemoryPressureLimit": "0",
"ManagedOOMPreference": "none",
"ManagedOOMSwap": "auto",
"MemoryAccounting": "yes",
"MemoryAvailable": "599134208",
"MemoryCurrent": "5541888",
"MemoryDenyWriteExecute": "no",
"MemoryHigh": "infinity",
"MemoryKSM": "no",
"MemoryLimit": "infinity",
"MemoryLow": "0",
"MemoryMax": "infinity",
"MemoryMin": "0",
"MemoryPeak": "5816320",
"MemoryPressureThresholdUsec": "200ms",
"MemoryPressureWatch": "auto",
"MemorySwapCurrent": "0",
"MemorySwapMax": "infinity",

"MemorySwapPeak": "0",
"MemoryZSwapCurrent": "0",
"MemoryZSwapMax": "infinity",
"MountAPIVFS": "no",
"MountImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent",
"NFileDescriptorStore": "0",
"NRestarts": "0",
"NUMAPolicy": "n/a",
"Names": "apache2.service",
"NeedDaemonReload": "no",
"Nice": "0",
"NoNewPrivileges": "no",
"NonBlocking": "no",
"NotifyAccess": "none",
"OOMPolicy": "continue",
"OOMScoreAdjust": "0",
"OnFailureJobMode": "replace",
"OnSuccessJobMode": "fail",
"Perpetual": "no",
"PrivateDevices": "no",
"PrivateIPC": "no",
"PrivateMounts": "no",
"PrivateNetwork": "no",
"PrivateTmp": "yes",

"PrivateUsers": "no",
"ProcSubset": "all",
"ProtectClock": "no",
"ProtectControlGroups": "no",
"ProtectHome": "no",
"ProtectHostname": "no",
"ProtectKernelLogs": "no",
"ProtectKernelModules": "no",
"ProtectKernelTunables": "no",
"ProtectProc": "default",
"ProtectSystem": "no",
"RefuseManualStart": "no",
"RefuseManualStop": "no",
"ReloadResult": "success",
"ReloadSignal": "1",
"RemainAfterExit": "no",
"RemoveIPC": "no",
"Requires": "system.slice -.mount sysinit.target",
"RequiresMountsFor": "/var/tmp",
"Restart": "on-abort",
"RestartKillSignal": "15",
"RestartMaxDelayUsec": "infinity",
"RestartMode": "normal",
"RestartSteps": "0",
"RestartUsec": "100ms",

"RestartUsecNext": "100ms",
"RestrictNamespaces": "no",
"RestrictRealtime": "no",
"RestrictSUIDSGID": "no",
"Result": "success",
"RootDirectoryStartOnly": "no",
"RootEphemeral": "no",
"RootImagePolicy":
"root=verity+signed+encrypted+unprotected+absent:usr=verity+signed+encrypted+unprotected+absent
:home=encrypted+unprotected+absent:srv=encrypted+unprotected+absent:tmp=encrypted+unprotect
ed+absent:var=encrypted+unprotected+absent",
"RuntimeDirectoryMode": "0755",
"RuntimeDirectoryPreserve": "no",
"RuntimeMaxUsec": "infinity",
"RuntimeRandomizedExtraUsec": "0",
"SameProcessGroup": "no",
"SecureBits": "0",
"SendSIGHUP": "no",
"SendSIGKILL": "yes",
"SetLoginEnvironment": "no",
"Slice": "system.slice",
"StandardError": "inherit",
"StandardInput": "null",
"StandardOutput": "journal",
"StartLimitAction": "none",
"StartLimitBurst": "5",
"StartLimitIntervalUsec": "10s",

"StartupBlockIOWeight": "[not set]",
"StartupCPUShares": "[not set]",
"StartupCPUWeight": "[not set]",
"StartupIOWeight": "[not set]",
"StartupMemoryHigh": "infinity",
"StartupMemoryLow": "0",
"StartupMemoryMax": "infinity",
"StartupMemorySwapMax": "infinity",
"StartupMemoryZSwapMax": "infinity",
"StateChangeTimestamp": "Mon 2024-12-30 12:18:58 UTC",
"StateChangeTimestampMonotonic": "2472474665",
"StateDirectoryMode": "0755",
"StatusErrno": "0",
"StopWhenUnneeded": "no",
"SubState": "running",
"SuccessAction": "none",
"SurviveFinalKillSignal": "no",
"SyslogFacility": "3",
"SyslogLevel": "6",
"SyslogLevelPrefix": "yes",
"SyslogPriority": "30",
"SystemCallErrorNumber": "2147483646",
"TTYReset": "no",
"TTYVHangup": "no",
"TTYVTDisallocate": "no",

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"TasksAccounting": "yes",  
"TasksCurrent": "55",  
"TasksMax": "1130",  
"TimeoutAbortUsec": "1min 30s",  
"TimeoutCleanUsec": "infinity",  
"TimeoutStartFailureMode": "terminate",  
"TimeoutStartUsec": "1min 30s",  
"TimeoutStopFailureMode": "terminate",  
"TimeoutStopUsec": "1min 30s",  
"TimerSlackNsec": "50000",  
"Transient": "no",  
"Type": "forking",  
"UID": "[not set]",  
"UMask": "0022",  
"UnitFilePreset": "enabled",  
"UnitFileState": "enabled",  
"UtmpMode": "init",  
"WantedBy": "multi-user.target",  
"Wants": "tmp.mount",  
"WatchdogSignal": "6",  
"WatchdogTimestampMonotonic": "0",  
"WatchdogUsec": "0"  
}  
}
```

PLAY RECAP

172.31.18.113 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0
ignored=0

172.31.29.245 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0
ignored=0

172.31.31.111 : ok=3 changed=0 unreachable=0 failed=0 skipped=0 rescued=0
ignored=0
