```
Last login: Mon Jan  9 12:30:15 on console
vinitraj@VINITs-MacBook-Pro ~ % cd Downloads
vinitraj@VINITs-MacBook-Pro Downloads % chmod 400 test.pem
vinitraj@VINITs-MacBook-Pro Downloads % ssh -i "test.pem" ec2-user@ec2-65-0-105-
215.ap-south-1.compute.amazonaws.com
The authenticity of host 'ec2-65-0-105-215.ap-south-1.compute.amazonaws.com (65.
0.105.215)' can't be established.
ED25519 key fingerprint is SHA256:iqBxBDfwKUdi4Bn9vo+WTlXzFL4dRRvGWgpwxd/8rfE.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-65-0-105-215.ap-south-1.compute.amazonaws.com' (
ED25519) to the list of known hosts.
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
[ec2-user@ip-172-31-8-90 ~]$ sudo su -
[root@ip-172-31-8-90 ~]# yum install ansible-core
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscripti
on-manager to register.

Red Hat Enterprise Linux 9 for x86_64 - AppStre  40 MB/s |  15 MB     00:00
Red Hat Enterprise Linux 9 for x86_64 - BaseOS   27 MB/s | 6.9 MB     00:00
Red Hat Enterprise Linux 9 Client Configuration  16 kB/s | 2.0 kB     00:00
Last metadata expiration check: 0:00:01 ago on Mon 09 Jan 2023 07:52:02 AM UTC.
Dependencies resolved.
================================================================================
 Package            Arch    Version          Repository                    Size
================================================================================
Installing:
 ansible-core       x86_64 2.13.3-1.el9      rhel-9-appstream-rhui-rpms 2.7 M
Installing dependencies:
 git-core           x86_64 2.31.1-2.el9.2    rhel-9-appstream-rhui-rpms 3.6 M
 python3-cffi       x86_64 1.14.5-5.el9      rhel-9-appstream-rhui-rpms 257 k
 python3-cryptography x86_64 36.0.1-2.el9    rhel-9-appstream-rhui-rpms 1.2 M
 python3-packaging  noarch 20.9-5.el9        rhel-9-appstream-rhui-rpms  81 k
 python3-ply        noarch 3.11-14.el9       rhel-9-appstream-rhui-rpms 111 k
 python3-pycparser  noarch 2.20-6.el9        rhel-9-appstream-rhui-rpms 139 k
 python3-pyparsing  noarch 2.4.7-9.el9       rhel-9-baseos-rhui-rpms     154 k
 python3-resolvelib noarch 0.5.4-5.el9       rhel-9-appstream-rhui-rpms  38 k
 sshpass            x86_64 1.09-4.el9        rhel-9-appstream-rhui-rpms  30 k

Transaction Summary
================================================================================
Install  10 Packages

Total download size: 8.3 M
Installed size: 35 M
Is this ok [y/N]: y
Downloading Packages:
(1/10): sshpass-1.09-4.el9.x86_64.rpm               470 kB/s |  30 kB     00:00
```

```
(2/10): python3-resolvelib-0.5.4-5.el9.noarch.r 567 kB/s |  38 kB     00:00
(3/10): python3-cffi-1.14.5-5.el9.x86_64.rpm    3.2 MB/s | 257 kB     00:00
(4/10): python3-pycparser-2.20-6.el9.noarch.rpm 6.6 MB/s | 139 kB     00:00
(5/10): python3-packaging-20.9-5.el9.noarch.rpm 6.9 MB/s |  81 kB     00:00
(6/10): python3-ply-3.11-14.el9.noarch.rpm      6.8 MB/s | 111 kB     00:00
(7/10): git-core-2.31.1-2.el9.2.x86_64.rpm       29 MB/s | 3.6 MB     00:00
(8/10): ansible-core-2.13.3-1.el9.x86_64.rpm     21 MB/s | 2.7 MB     00:00
(9/10): python3-cryptography-36.0.1-2.el9.x86_6 9.5 MB/s | 1.2 MB     00:00
(10/10): python3-pyparsing-2.4.7-9.el9.noarch.r 3.5 MB/s | 154 kB     00:00
--------------------------------------------------------------------------------
Total                                            28 MB/s | 8.3 MB     00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                      1/1
  Installing       : python3-pyparsing-2.4.7-9.el9.noarch               1/10
  Installing       : python3-packaging-20.9-5.el9.noarch                2/10
  Installing       : python3-ply-3.11-14.el9.noarch                     3/10
  Installing       : python3-pycparser-2.20-6.el9.noarch                4/10
  Installing       : python3-cffi-1.14.5-5.el9.x86_64                   5/10
  Installing       : python3-cryptography-36.0.1-2.el9.x86_64           6/10
  Installing       : git-core-2.31.1-2.el9.2.x86_64                     7/10
  Installing       : sshpass-1.09-4.el9.x86_64                          8/10
  Installing       : python3-resolvelib-0.5.4-5.el9.noarch              9/10
  Installing       : ansible-core-2.13.3-1.el9.x86_64                  10/10
  Running scriptlet: ansible-core-2.13.3-1.el9.x86_64                  10/10
  Verifying        : python3-cffi-1.14.5-5.el9.x86_64                   1/10
  Verifying        : python3-resolvelib-0.5.4-5.el9.noarch              2/10
  Verifying        : sshpass-1.09-4.el9.x86_64                          3/10
  Verifying        : python3-pycparser-2.20-6.el9.noarch                4/10
  Verifying        : git-core-2.31.1-2.el9.2.x86_64                     5/10
  Verifying        : python3-packaging-20.9-5.el9.noarch                6/10
  Verifying        : python3-ply-3.11-14.el9.noarch                     7/10
  Verifying        : ansible-core-2.13.3-1.el9.x86_64                   8/10
  Verifying        : python3-cryptography-36.0.1-2.el9.x86_64           9/10
  Verifying        : python3-pyparsing-2.4.7-9.el9.noarch              10/10
Installed products updated.

Installed:
  ansible-core-2.13.3-1.el9.x86_64
  git-core-2.31.1-2.el9.2.x86_64
  python3-cffi-1.14.5-5.el9.x86_64
  python3-cryptography-36.0.1-2.el9.x86_64
  python3-packaging-20.9-5.el9.noarch
  python3-ply-3.11-14.el9.noarch
  python3-pycparser-2.20-6.el9.noarch
  python3-pyparsing-2.4.7-9.el9.noarch
  python3-resolvelib-0.5.4-5.el9.noarch
  sshpass-1.09-4.el9.x86_64
```

```
Complete!
[root@ip-172-31-8-90 ~]# ansible --version
ansible [core 2.13.3]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/root/.ansible/plugins/modules', '/usr/share
/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3.9/site-packages/ansible
  ansible collection location = /root/.ansible/collections:/usr/share/ansible/co
llections
  executable location = /usr/bin/ansible
  python version = 3.9.14 (main, Sep 21 2022, 00:00:00) [GCC 11.3.1 20220421 (Re
d Hat 11.3.1-2)]
  jinja version = 3.1.2
  libyaml = True
[root@ip-172-31-8-90 ~]# echo "We have installed Ansible and checked the version
 to ensure it's correctly installed."
We have installed Ansible and checked the version to ensure it's correctly insta
lled.
[root@ip-172-31-8-90 ~]# echo "There are two types of Ansible command : Adhoc (m
anual) and Playbook (used for Automation).
> ^C
[root@ip-172-31-8-90 ~]# echo "There are two types of Ansible command : Adhoc (m
anual) and Playbook (used for Automation)."
There are two types of Ansible command : Adhoc (manual) and Playbook (used for A
utomation).
[root@ip-172-31-8-90 ~]# echo "Here We will try adhoc command in this session.:
> ^C
[root@ip-172-31-8-90 ~]# echo "Here We will try adhoc command in this session.:"
Here We will try adhoc command in this session.:
[root@ip-172-31-8-90 ~]# rpm -q dialog
package dialog is not installed
[root@ip-172-31-8-90 ~]# ansible localhost -m package -a "name=dialog state=pres
ent"
localhost | CHANGED => {
    "changed": true,
    "msg": "",
    "rc": 0,
    "results": [
        "Installed: dialog-1.3-32.20210117.el9.x86_64"
    ]
}
[root@ip-172-31-8-90 ~]# echo "If the state changes, Ansible output comes in non
-green color (Orrange usually)."
If the state changes, Ansible output comes in non-green color (Orrange usually).
[root@ip-172-31-8-90 ~]# ansible localhost -m package -a "name=dialog state=pres
ent"
localhost | SUCCESS => {
    "changed": false,
    "msg": "Nothing to do",
    "rc": 0,
    "results": []
}
```

```
[root@ip-172-31-8-90 ~]# echo "If the state does not change, Ansible output come
s in green color."
If the state does not change, Ansible output comes in green color.
[root@ip-172-31-8-90 ~]# rpm -q dialog
dialog-1.3-32.20210117.el9.x86_64
[root@ip-172-31-8-90 ~]#
```