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harsh@Harsh: ~
/home/harsh/.hushlogin file.
harsh@Harsh:~$ sudo apt install ansible
[sudo] password for harsh:
Sorry, try again.
[sudo] password for harsh:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  ieee-data python-babel-localizedata python3-argcomplete python3-babel python3-certifi python3-chardet
  python3-distutils python3-dnspython python3-idna python3-jinja2 python3-jmespath python3-kerberos python3-lib2to3
  python3-libcloud python3-lockfile python3-markupsafe python3-netaddr python3-ntlm-auth python3-packaging
  python3-pycryptodome python3-requests python3-requests-kerberos python3-requests-ntlm python3-requests-toolbelt
  python3-selinux python3-simplejson python3-tz python3-urllib3 python3-winrm python3-xmltodict
Suggested packages:
  cowsay sshpass python3-sniffio python3-trio python-jinja2-doc python-lockfile-doc ipython3 python-netaddr-docs
  python3-openssl python3-socks python-requests-doc
The following NEW packages will be installed:
  ansible ieee-data python-babel-localizedata python3-argcomplete python3-babel python3-certifi python3-chardet
  python3-distutils python3-dnspython python3-idna python3-jinja2 python3-jmespath python3-kerberos python3-lib2to3
  python3-libcloud python3-lockfile python3-markupsafe python3-netaddr python3-ntlm-auth python3-packaging
  python3-pycryptodome python3-requests python3-requests-kerberos python3-requests-ntlm python3-requests-toolbelt
  python3-selinux python3-simplejson python3-tz python3-urllib3 python3-winrm python3-xmltodict
0 upgraded, 31 newly installed, 0 to remove and 6 not upgraded.
Need to get 28.8 MB of archives.
After this operation, 275 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu jammy/main amd64 python-babel-localizedata all 2.8.0+dfsg.1-7 [4982 kB]
Get:2 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-tz all 2022.1-1ubuntu0.22.04.1 [30.7 kB]
Get:3 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-babel all 2.8.0+dfsg.1-7 [85.1 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-markupsafe amd64 2.0.1-2build1 [12.7 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-jinja2 all 3.0.3-1ubuntu0.1 [108 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-packaging all 21.3-1 [30.7 kB]
Get:7 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-pycryptodome amd64 3.11.0+dfsg1-3ubuntu0.1 [1029 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-lib2to3 all 3.10.8-1~22.04 [77.6 kB]
Get:9 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-distutils all 3.10.8-1~22.04 [139 kB]
Get:10 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-dnspython all 2.1.0-1ubuntu1 [123 kB]
Get:11 http://archive.ubuntu.com/ubuntu jammy/main amd64 ieee-data all 20210605.1 [1887 kB]
Get:12 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-netaddr all 0.8.0-2 [309 kB]
Get:13 http://archive.ubuntu.com/ubuntu jammy/universe amd64 ansible all 2.10.7+merged-base-2.10.8+dfsg-1 [17.5 MB]
Get:14 http://archive.ubuntu.com/ubuntu jammy/universe amd64 python3-argcomplete all 1.9.1-1.5 [27.2 kB]
Get:15 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-certifi all 2020.6.20-1 [150 kB]
Get:16 http://archive.ubuntu.com/ubuntu jammy/main amd64 python3-chardet all 4.0.0-1 [98.0 kB]
root@32b1583b2388:/# ssh root@node1
Enter passphrase for key '/root/.ssh/id_rsa':
root@node1's password:
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage
Last login: Mon Mar  4 18:16:26 2024 from 172.19.0.2
root@57bde61391e0:~# cd /temp/
-bash: cd: /temp/: No such file or directory
root@57bde61391e0:~# ls
root@57bde61391e0:~# ssh root@localhost
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ECDSA key fingerprint is SHA256:ipuSkolbMT7u7EUAKNyS/Fj894LnSogyQ7zVwTgDIC0.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts.
root@localhost's password:
Permission denied, please try again.
root@localhost's password:
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage
Last login: Mon Mar  4 18:21:02 2024 from 172.19.0.2
root@57bde61391e0:~# cd /temp/
-bash: cd: /temp/: No such file or directory
root@57bde61391e0:~# ls
root@57bde61391e0:~# cd /temp
-bash: cd: /temp: No such file or directory
root@57bde61391e0:~# cd /tmp/
root@57bde61391e0:/tmp# ls -la
total 8
drwxrwxrwt 1 root root 4096 Mar  3 18:11
drwxr-xr-x 1 root root 4096 Mar  3 18:11 ..
root@57bde61391e0:/tmp# |

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root@32b1583b2388:/# ansible localhost -m file -a "dest=/temp/test state=directory"
[WARNING]: No inventory was parsed, only implicit localhost is available
localhost | SUCCESS => {
  "changed": false,
  "gid": 0,
  "group": "root",
  "mode": "0755",
  "owner": "root",
  "path": "/temp/test",
  "size": 4096,
  "state": "directory",
  "uid": 0
}
root@32b1583b2388:/# |
root@32b1583b2388:/# ssh-copy-id root@node2
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@node2's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@node2'"
and check to make sure that only the key(s) you wanted were added.

root@32b1583b2388:/# ssh root@node2
Enter passphrase for key '/root/.ssh/id_rsa':
root@node2's password:
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage
root@b5b48156db0b:~# |
root@32b1583b2388:/# ssh-copy-id root@node1
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@node1's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'root@node1'"
and check to make sure that only the key(s) you wanted were added.

root@32b1583b2388:/# ssh root@node1
Enter passphrase for key '/root/.ssh/id_rsa':
Enter passphrase for key '/root/.ssh/id_rsa':
root@node1's password:
Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage
root@57bde61391e0:~# logout
Connection to node1 closed.
root@32b1583b2388:/# |

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root@32b1583b2388:/# ansible --version
ansible 2.10.8
  config file = None
  configured module search path = ['/root/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  executable location = /usr/bin/ansible
  python version = 3.10.12 (main, Nov 20 2023, 15:14:05) [GCC 11.4.0]
root@32b1583b2388:/# ssh-keygen -t rsa -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/root/.ssh/id_rsa):
/root/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /root/.ssh/id_rsa
Your public key has been saved in /root/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:51w49ZGeNLGiUBFyWTy6eL6MaErQtUw0EzUrNraQ80U root@32b1583b2388
The key's randomart image is:
+-----[RSA 2048]-----+
|  .  *o+ o+. . . |
| o = o = .oo. + |
| + E . o.o.+ |
| . B = . = o + |
| . . + S.=.. * |
| . . .+oo . . |
| .   oo |
| . .. o. |
| .o. . o. |
+-----[SHA256]-----+
root@32b1583b2388:/# ssh-copy-id root@node1
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@node1's password:
Permission denied, please try again.
root@node1's password:
Permission denied, please try again.
root@node1's password: |
+-----[SHA256]-----+
root@32b1583b2388:/# ssh-copy-id root@node1
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
root@node1's password:
Permission denied, please try again.
root@node1's password:
Permission denied, please try again.
root@node1's password: |

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