Graphical user interface

Description automatically generated

ssh-keygen (used to generate a key)

cd /root/.ssh ----> vi authorized-keys

ansible-doc-l (list of all modules)

ansible-doc -s file (gives full details about file module)

ansible-doc -s yum (full details about yum module)

ansible -m setup (it will gather all data)

ansible -m command -a “id amar” all (used to check the user is created in host machines)

ansible -m file -a “name=/tmp/file1 state=touch” all (creates a file in given location in all servers)

ansible -m yum -a “name=httpd state=installed” all (will installs httpd in all servers)

ansible -m command -a “systemctl status httpd” all

ansible -m service -a “name=httpd state=started” all

ansible -m copy -a “src=file.sh dest=/tmp” all (will copies a file from source(src) to destination(dest))

ansible -m command -a “ls -l /tmp/” all (will list out the all the files in tmp folder)

**file transfers**

#Transfer a file directly to many servers

$ ansible europe -m copy -a "src=/etc/hosts dest=/tmp/hosts"

#To change the ownership and permissions on files

$ ansible webservers -m file -a "dest=/srv/foo/a.txt mode=600"

$ ansible webservers -m file -a "dest=/srv/foo/b.txt mode=600 owner=example group=example"

#To create directories

$ ansible webservers -m file -a "dest=/path/to/c mode=755 owner=example group=example state=directory“

#To delete directories (recursively) and delete files

$ ansible webservers -m file -a "dest=/path/to/c state=absent

**Manage packages**

#To ensure that a package is installed, but doesn’t get updated

$ ansible webservers -m apt -a "name=acme state=present"

#To ensure that a package is installed to a specific version

$ ansible webservers -m apt -a "name=acme-1.5 state=present"

#To ensure that a package at the latest version

$ ansible webservers -m apt -a "name=acme state=latest"

#To ensure that a package is not installed $ ansible webservers -m apt -a "name=acme state=absent

**Manage service**

#To ensure a service is started on all web servers

$ ansible webservers -m service -a "name=httpd state=started"

#To restart a service on all web servers

$ ansible webservers -m service -a "name=httpd state=restarted"

#To ensure a service is stopped $ ansible webservers -m service -a "name=httpd state=stopped