RSYNCING

Pre-requirement :

* Perform all this in root folder so that u wont get any problem.
* If u want to perform in any other user create the user and give permissions as root:

useradd username
passwd username
chown -R username:username /root/

* First launch a two servers think example of S1 and S2 :

Step1:

Go to server s1 and generate ssh-keygen

Step2:

Go to:
cd ~/.ssh
vi id_rsa.pub
copy the script

Step3:

Go to S2 server:
cd ~/.ssh
vi authorized_keys
paste the copied code from s1 server.

Step4:

Now goto :
cd /etc/ssh/
vi sshd_config
at the last line make permission-yes

In S1:

mkdir folders

In S2:

mkdir folders

In S1:

rsync -av -e ssh /root/folders/* root@172.31.6.43:/home/ec2-user/shashifold

* if suppose u forform with user example shashi:
generate ssh-keygen in user then paste id_rsa.pub in S2 then run below command:
rsync -av -e ssh /home/shashi/manishproject/* root@172.31.6.43:/home/ec2-user/shashifold/

For creating cronjobs (which is auto-syncing of two servers)

mkdir source in the S1 server
mkdir destination in the S2 server
create .sh file

* Example: backing.sh
* vi backing.sh
* !#/bin/bash
* /usr/bin/rsync -av -e ssh /root/source/* root@172.31.3.142:/root/destination

Then create crontab -e write inside that:

crontab -e
* * * * * bash /root/backing.sh (syntax)
min hour day week month bash /root/backing.sh

Example:

33 05 * * * bash /root/backing.sh

Then check logs in:

* tail -f /var/log/corn

If suppose you have created user name mani in S1 server all the source files should visible in destination folder :

for that:

useradd mani
passwd mani (set passwd)
cd mani
ssh-keygen
cat id_rsa.pub (copy content)

then paste that in s2:

authorized keys

then follow this:

* example: backing.sh
* vi backing.sh
* !#/bin/bash
* /usr/bin/rsync -av -e ssh /home/shashi/source/* root@172.31.3.142:/root/destination

Then create crontab -e write inside that:

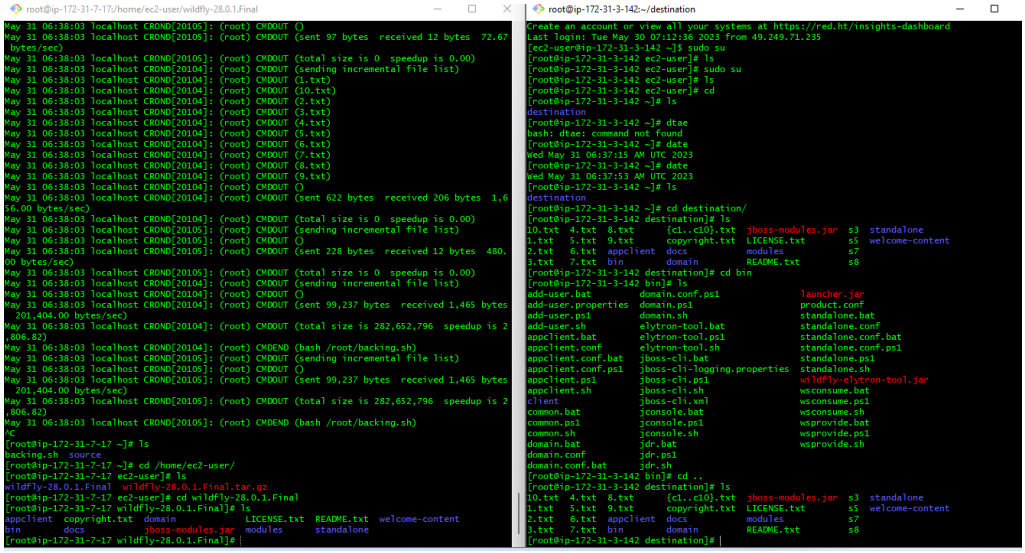
run as being root not user:
contab -e
* * * * * bash /root/backing.sh (syntax)
min hour day week month bash /root/backing.sh

Example:

33 05 * * * bash /root/backing.sh

Then check logs in :

- tail -f /var/log/corn


root@ip-172-31-7-17:/home/ec2-user/wildfly-28.0.1.Final
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT ()
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (sent 97 bytes received 12 bytes 72.67 bytes/sec)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (total size is 0 speedup is 0.00)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (sending incremental file list)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (1.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (10.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (2.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (3.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (4.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (5.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (6.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (7.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (8.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (9.txt)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT ()
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (sent 622 bytes received 206 bytes 1,656.00 bytes/sec)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (total size is 0 speedup is 0.00)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (sending incremental file list)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT ()
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (sent 228 bytes received 12 bytes 480.00 bytes/sec)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (total size is 0 speedup is 0.00)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (sending incremental file list)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT ()
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (sent 99,237 bytes received 1,465 bytes 201,404.00 bytes/sec)
May 31 06:38:03 localhost CROND[20104]: (root) CMDOUT (total size is 282,652,796 speedup is 2,806.82)
May 31 06:38:03 localhost CROND[20104]: (root) CMDEND (bash /root/backing.sh)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (sending incremental file list)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT ()
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (sent 99,237 bytes received 1,465 bytes 201,404.00 bytes/sec)
May 31 06:38:03 localhost CROND[20105]: (root) CMDOUT (total size is 282,652,796 speedup is 2,806.82)
May 31 06:38:03 localhost CROND[20105]: (root) CMDEND (bash /root/backing.sh)
^C
[root@ip-172-31-7-17 ~]# ls
backing.sh source
[root@ip-172-31-7-17 ~]# cd /home/ec2-user/
[root@ip-172-31-7-17 ec2-user]# ls
wildfly-28.0.1.Final wildfly-28.0.1.Final.tar.gz
[root@ip-172-31-7-17 ec2-user]# cd wildfly-28.0.1.Final
[root@ip-172-31-7-17 wildfly-28.0.1.Final]# ls
appclient copyright.txt domain   LICENSE.txt README.txt welcome-content
bin   docs   jboss-modules.jar modules   standalone
[root@ip-172-31-7-17 wildfly-28.0.1.Final]#
root@ip-172-31-3-142:~/destination
Create an account or view all your systems at https://red.ht/insights-dashboard
Last login: Tue May 30 07:12:36 2023 from 49.249.71.235
[ec2-user@ip-172-31-3-142 ~]$ sudo su
[root@ip-172-31-3-142 ec2-user]# ls
[root@ip-172-31-3-142 ec2-user]# sudo su
[root@ip-172-31-3-142 ec2-user]# ls
[root@ip-172-31-3-142 ec2-user]# cd
[root@ip-172-31-3-142 ~]# ls
destination
[root@ip-172-31-3-142 ~]# dtae
bash: dtae: command not found
[root@ip-172-31-3-142 ~]# date
Wed May 31 06:37:15 AM UTC 2023
[root@ip-172-31-3-142 ~]# date
Wed May 31 06:37:53 AM UTC 2023
[root@ip-172-31-3-142 ~]# ls
destination
[root@ip-172-31-3-142 ~]# cd destination/
[root@ip-172-31-3-142 destination]# ls
10.txt 4.txt 8.txt   {c1..c10}.txt jboss-modules.jar s3 standalone
1.txt   5.txt 9.txt   copyright.txt LICENSE.txt   s5 welcome-content
2.txt   6.txt appclient docs   modules   s7
3.txt   7.txt bin   domain   README.txt   s8
[root@ip-172-31-3-142 destination]# cd bin
[root@ip-172-31-3-142 bin]# ls
add-user.bat   domain.conf.ps1   launcher.jar
add-user.properties   domain.ps1   product.conf
add-user.ps1   domain.sh   standalone.bat
add-user.sh   elytron-tool.bat   standalone.conf
appclient.bat   elytron-tool.ps1   standalone.conf.bat
appclient.conf   elytron-tool.sh   standalone.conf.ps1
appclient.conf.bat   jboss-cli.bat   standalone.ps1
appclient.conf.ps1   jboss-cli-logging.properties standalone.sh
appclient.ps1   jboss-cli.ps1   wildfly-elytron-tool.jar
appclient.sh   jboss-cli.sh   wsconsume.bat
client   jboss-cli.xml   wsconsume.ps1
common.bat   jconsole.bat   wsconsume.sh
common.ps1   jconsole.ps1   wsprovide.bat
common.sh   jconsole.sh   wsprovide.ps1
domain.bat   jdr.bat   wsprovide.sh
domain.conf   jdr.ps1
domain.conf.bat   jdr.sh
[root@ip-172-31-3-142 bin]# cd ..
[root@ip-172-31-3-142 destination]# ls
10.txt 4.txt 8.txt   {c1..c10}.txt jboss-modules.jar s3 standalone
1.txt   5.txt 9.txt   copyright.txt LICENSE.txt   s5 welcome-content
2.txt   6.txt appclient docs   modules   s7
3.txt   7.txt bin   domain   README.txt   s8
[root@ip-172-31-3-142 destination]#