

Week 5 [ansible] → Command

- ① sudo apt update
- ② sudo apt install ansible
- ③ sudo apt install openssh-client
- ④ sudo apt install openssh-server
- ⑤ cd ~/.ssh/
- ⑥ ls → authorized key
- ⑦ cd
- ⑧ cd - → /home/ubuntu/.ssh
- ⑨ cd
- ⑩ ls → key
- ⑪ cd key/
- ⑫ ls → ansible.pem
- ⑬ cd
- ⑭ cd ~/.ssh/
- ⑮ ls → authorized key
- ⑯ cd
- ⑰ cd key/
- ⑱ cp ansible.pem ~/.ssh/
- ⑲ cd
- ⑳ cd ~/.ssh/
- ㉑ ls → authorized key, ansible.pem
- ㉒ cd
entr
entr
entr

(23) mkdir ansible-script

(24) cd ansible-script

(25) vi inventory.ini

(26) vi playbook.yml

(27) ansible-playbook -i playbook.yml

(28) ansible-playbook -i inventory.ini playbook.yml

(29) yes

(30) yes

~~yes~~ _____

(31) cd

(32) cd ~/ssh/

(33) ls → authorized_keys, ansible.pem, known_hosts

(34) chmod 400 ~/ssh/hb.pem

(35) ls -l ~/ssh/

(36) cd

(37) cd ansible-script/

(38) ansible-playbook -i inventory.ini playbook.yml


22/02/25

① Open the github - <https://github.com/denisan/exp2.1>.

② Open puttygen.exe and download it.

③ Open Exp-4.txt and download that also.

④ login aws account

⑤ go to  and go to EC2.

⑥ Country name selector - only 1 → United States (Virginia)

⑦ from Resources delete all

⑧ Click on Instances.

⑨ Click on Launch Instance.

⑩ Under Name and Tags → Assignable.

⑪ In Quick Start → select Ubuntu.

These steps are common to create an Instance.

⑫ Select and click on Allow all IIS before from Internet access.

⑬ In key pair → create key pair → p4. → name.

key pair Type: RSA.

Private key format → .pem. and Create.

⑭ p4.pem will get downloaded.

⑮ Under Summary → No. of Instances - 3.

and click on launch instance.

⑯ Go to Instances → and change the name of last 2 instances as Server 1 and Server 2 and 1st instance name should be Server as "ansible".

⑰ Now go to Security groups.

⑱ Go to edit inbound rules.

⑲ at left Custom TCP

⑳ click on New rules.

below it show.

below 7777

18000

Anytime

20/02/25

Again come back to instances
select ansible → go to connect → In ~~EC2~~ ~~Ans~~
and click on connect again. ~~EC2~~ instance

(22) and remove all matter.

(23) type - sudo apt update and truer.

(24) type - sudo apt install ansible and filter and gnu

(25) type - sudo apt install openssh-client and gnu yes

(26) type - sudo apt install openssh-servers

(27) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(28) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(29) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(30) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(31) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(32) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

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(36) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(37) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(38) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(39) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(40) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(41) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(42) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(43) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(44) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(45) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(46) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(47) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(48) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(49) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

(50) type - cd ~~ssh~~ ~~ssh~~ ~~ssh~~ ~~ssh~~

32) Click on ~~Advanced~~ ^{Advanced} ~~Options~~ ^{Options} → go to download → select p44.pbk file.

31) Browse → go to download → select p44.pbk file.
And open and click on accept

30) Right click on checkbox screen

32) Go to now go to directory

33) Write name - Key

34) Key folder will be created here

35) go to file manager, and drag the pb.pem into key g
the directory -

36) go to terminal now and type:- cd key/ and enter -

37) then it will enter into key directory, and now type -

cp ~~pb~~ pb.pem n/.ssh/ and enter

38) Again type:- cd. to come out of key folder

39) type: ls n/.ssh/ It shows authorized keys and pb.pem

40) Create now again type:- (mkdir ansible-script). sub

41) type:- cd ansible-script

42) type:- vi inventory.ini

43) go to file manager and open ans-40).txt.

[Instances]

Server 1

Server 2

44) select server 1 in instances page, and copy the
public id of it
bottom of page.

(48) and paste the id in sec 2 - if in notepad
Repeat the same with Key2 also.

(49) In first line → remove ansible and write p4.pern
It should be like

[webseems]

server1 ansible host = 54.92.243.203 ansible_ssh
private_key = /home/ubuntu/.ssh/p4.pern

server2 ansible host = 395.132.107 ansible user = ubuntu
ansible_ssh_private_key_file = /home/ubuntu/.ssh/p4.pern

(50) In terminal first type i and paste it.

(51) Click on Esc and check !
:wq! and enter → It'll come out

(52) Now type vi playbook.yml and enter.

(53) Go to notepad and copy the rest code and
come back now type i and paste.

(54) Backspace the name it should be like

delete
- name

(55) again Esc and :wq!

(56) type ansible-playbook -i playbook.yml.

(57) again type :- ansible-playbook -i inventory.ini
playbook.yml

(58) click on yes. share you and then yes.

(59) click on yes - chmod 400 .ssh/p4.pern.

type 1- as
back copy the IP address of server 1 and
Now go 2 and it should get output -

type (ent-)

on the instances → Click on running place and click stop.

again click on Stopped and click and

click terminate instance

Go to EC2 and in keypairs delete p4.

type Delete

In Security Groups delete the remaining except default no.