

First step up is

Launching of two ec2 instances one consisting of ansible host and control server respectively

Note: for security group you need to enable only ssh 22

And launch the two instances

Open client mobaxterm SSH

Copy public IP of host and control server ansible from AWS that have recently launched

In Control Server follow this procedure

```
$sudo su -
```

```
$ yum update
```

In ansible client

```
$sudo su -
```

```
$ yum update
```

In Control Server follow this procedure

```
$ yum install ansible
```

```
$ rpm -Uvh https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
```

```
$ yum install ansible
```

```
$ ansible --version
```

```
$ useradd ansadmin
```

```
$ passwd ansadmin
```

Provide the password of your own in the password section

```
$ yum install ansible
```

```
$ rpm -Uvh https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
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```
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In ansible client

```
$ useradd ansadmin
```

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Provide the password of your own in the password section

In Control Server

```
$ visudo
```

In ansible client

```
$ visudo
```

In Control Server

```
$ cd /etc/ssh
```

```
$ ls
```

```
$ vi sshd_config
```

Type in the following by enabling the password authentication has yes

```
$ service sshd restart
```

In ansible client

```
$ cd /etc/ssh
```

```
$ ls
```

```
$ vi sshd_config
```

Type in the following by enabling the password authentication has yes

```
$ service sshd restart
```

Now right click on the ansible control server tab in your client click on duplicate tab. This will open a duplicate tab and features the replication of ansible server

In Duplicate control server tab (here you need to generate ssh)

```
$ sudo su ansadmin
```

```
$ssh-keygen
```

Press enter don't type password

```
$ls -la
```

There should be file by name .ssh or else error

Go to ansible client

```
$ ifconfig
```

This gives you the private ip of your ansible client and copy this IP

In Duplicate control server tab

```
$ cd .ssh
```

```
$ ls
```

```
$ ssh-copy-id <private ip of ansible client> //this is how you deploy several  
clients in to server control area dynamically//
```

Below snap shot result with copy without authentication

Note: if it asks the password than its an error

To come out of client ip

```
$ ssh <client private ip>
```

```
$ exit
```

Connection will be closed

To execute and deploy features of ansible configuration in devops strategy ,
in duplicate server follow the procedure

```
$ sudo vi /etc/ansible/hosts
```

For reference we a have taken an example IP , you go to type your respective
host/client IP

```
$ ansible all -m ping
```

```
$ls
```

```
$ cd ..
```

```
$ls
```

```
$pwd
```

```
$cat > hello.html
```

```
<h1> hello welcome .. welcome to devops </h1>
```

```
$ls
```

Displays hello.html file

In your ansible client

```
$cd /home/ansadmin
```

```
$ls
```

```
$pwd
```

```
$ls
```

Go back to your control server

```
$ ansible all -m copy "src=/home/amsadmin/hello.html  
dest=/home/ansadmin"
```

In your client

```
$ls -l
```