

SSL Certificate renewals in Jenkins server

Login to Jenkins VM

step1:-

Get a new certificate

```
sudo certbot certonly --standalone --preferred-challenges http -d 1.
infra.argoid.com
```

Step2:-

Take backup of the following files.

```
###mv /etc/letsencrypt/live/1.infra.argoid.com/1.infra.argoid.com.
pkcs12 /etc/letsencrypt/live/1.infra.argoid.com/1.infra.argoid.com.
pkcs12.bkup
### mv /var/lib/jenkins/jenkins.jks /var/lib/jenkins/jenkins.jks.bkup
```

Step3:-

Then run the following command

```
###openssl pkcs12 -inkey /etc/letsencrypt/live/1.infra.argoid.com
/privkey.pem -in /etc/letsencrypt/live/1.infra.argoid.com/fullchain.pem
-export -out /etc/letsencrypt/live/1.infra.argoid.com/1.infra.argoid.
com.pkcs12
```

give the password as Argoid@2021

Then run the following command

```
###sudo keytool -importkeystore -srckeystore /etc/letsencrypt/live/1.
infra.argoid.com/1.infra.argoid.com.pkcs12 -srcstoretype pkcs12 -
destkeystore /var/lib/jenkins/jenkins.jks
```

If you encounter the following error then you have to follow the step1 second command again..

```
[vasu@argoid-infra-jenkins-1 ~]$ sudo keytool -importkeystore -srckeystore /etc/letsencrypt/live/1.infra.argoid.com/1.i
nfra.argoid.com.pkcs12 -srcstoretype pkcs12 -destkeystore /var/lib/jenkins/jenkins.jks
keytool error: java.lang.Exception: Source keystore file exists, but is empty: /etc/letsencrypt/live/1.infra.argoid.com
/1.infra.argoid.com.pkcs12
```

Step4:- Restart the Jenkins

```
###systemctl restart jenkins
```

(or)

<Jenkins url>/safeRestart