1. Stop Replication – ran from Master

#replication sync stop

docker exec conjur-appliance evoke replication sync stop

1. Generate key

#key generation

Docker exec conjur-appliance openssl rand -out /opt/conjur/backup/key -base64 64

root@75991d948dfb:/# openssl rand -out /opt/conjur/backup/key -base64 64

root@75991d948dfb:/# exit

**jmoses@primary**:**~**$ cat /opt/conjur/backup/key

ZRygt+MXTGFApzFBvIk7hTmpohOrLiWnvrvhDxvHj/+LGE2AjJOe1KF7lQyOMyTe

zvcj40soKxR25uKxS4CK0Q==

1. Create backup - uses the key we just create and stores the backup file in /opt/conjur/backup as a tar file along with the key used to encrypt it. Best practice is to move the key from that directory and store it elsewhere. When you do the restore you can specify the key and filename to decrypt.

#Generate backup

Docker exec conjur-appliance evoke backup

**jmoses@primary**:**~**$ docker exec conjur-appliance evoke backup

Using key from /opt/conjur/backup/key.

gpg: directory '/root/.gnupg' created

gpg: keybox '/root/.gnupg/pubring.kbx' created

Backup placed in /opt/conjur/backup/2020-05-26T15-09-17Z.tar.xz.gpg

It's encrypted with key in /opt/conjur/backup/key.

If you're going to store the backup, make

sure to store the key file separately.

1. Restore from backup - move the backup tar file to a directory mountable to the new container to restore to

#restore from previous backup

Docker exec conjur-appliance evoke unpack backup --key /keypath/key /backup/backupfile

**jmoses@primary**:**~**$ docker exec -it dap-appliance bash

root@b4212dac1c1b:/# ls /opt/conjur/backup

2020-05-26T15-09-17Z.tar.xz.gpg  key

root@b4212dac1c1b:/# evoke unpack backup -k /opt/conjur/backup/key /opt/conjur/backup/2020-05-26T15-09-17Z.tar.xz.gpg

tar: Removing leading `/' from member names

Backup was successfully unpacked.

Run 'evoke restore' to complete the restoration process or

run 'evoke configure master' to complete migration from Conjur Open Source.

root@b4212dac1c1b:/# evoke restore

You must accept the CyberArk End User License Agreement (EULA) before you can continue.

Select an option: Accept the EULA (and continue with restore)

Starting Chef Client, version 14.9.13

[2020-05-26T18:49:43+00:00] WARN: Plugin Network: unable to detect ipaddress

[2020-05-26T18:49:43+00:00] WARN: Run List override has been provided.

[2020-05-26T18:49:43+00:00] WARN: Original Run List: []

[2020-05-26T18:49:43+00:00] WARN: Overridden Run List: [recipe[conjur::configure]]

resolving cookbooks for run list: ["conjur::configure"]

Synchronizing Cookbooks:

1. The Restore has completed after Chef runs and you see this output:

Running handlers:

Running handlers complete

Chef Client finished, 25/40 resources updated in 01 minutes 37 seconds

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You have accepted the **CyberArk End User License Agreement**.

Use `evoke eula show` in the future to display the EULA.

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root@b4212dac1c1b:/#