

A&AI Data Restore for OOM - Casablanca

In order to restore data using the graphSON snapshot, here are the steps to follow:

Check the snapshots folder in the graphadmin pod running in your namespace:

```
kubectl exec -it $(kubectl get pods -lapp=aai-graphadmin -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1) -n onap -- ls -ltr /opt/app/aai-graphadmin/logs/data/dataSnapshots/
```

You should see something like below

```
-rw-r--r-- 1 aaiadmin aaiadmin 1353242 Nov 14 21:45 dataSnapshot.graphSON.201811142145
```

Choose the latest snapshot that you want to restore the database with and copy the snapshot outside of the graphadmin container for safe storage as after you do dataRestore, you will need to kill all the pods as the dataRestore drops the keyspace and creates the keyspace so resource, traversal and graphadmin cannot automatically recover

```
kubectl cp onap/$(kubectl get pods -lapp=aai-graphadmin -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1):/opt/app/aai-graphadmin/logs/data/dataSnapshots/dataSnapshot.graphSON.201811142145 /tmp/dataSnapshot.graphSON.201811142145
```

Run the following command to connect to the cassandra cluster and do a dataRestore from an earlier graphSON format

```
kubectl exec -it $(kubectl get pods -lapp=aai-graphadmin -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1) -n onap gosu aaiadmin /opt/app/aai-graphadmin/scripts/dataRestoreFromSnapshot.sh dataSnapshot.graphSON.201811142145
```

You should see some logs being printed and at the end it will give you info on the number of vertices in the graph when successfully restored.

Afterwards, kill the resources, traversal and graphadmin pod using the following command:

```
kubectl delete pod $(kubectl get pods -lapp=aai-resources -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1) -n onap
kubectl delete pod $(kubectl get pods -lapp=aai-traversal -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1) -n onap
kubectl delete pod $(kubectl get pods -lapp=aai-graphadmin -n onap --template '{{range .items}}{{.metadata.name}}\n}}{{end}}' | head -1) -n onap
```