Hewlett Packard Enterprise   **HPE Support Center**

Ezmeral Unified Analytics: PostgreSQL Data Source marked as Disconnected

Issue

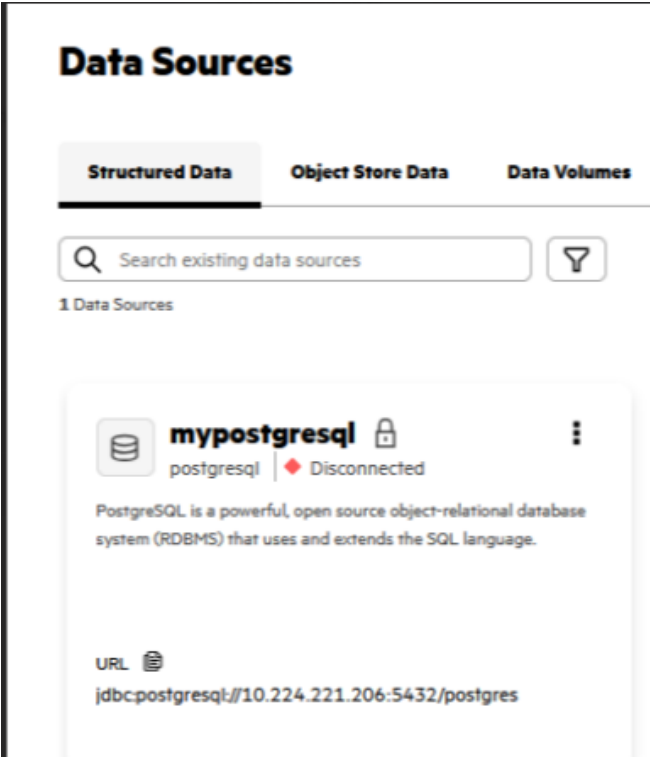PostgreSQL Data Source is marked as 'Disconnected' following an unplanned cluster outage:

Environment

Ezmeral Unified Analytics >= v1.4

PostgreSQL deployed via Helm on EZUA

PostgreSQL ezpresto Data Source

Cause

Due to pods restarting following an unplanned outage, the original PostgreSQL service Endpoint IP changed. The Data Source configuration still pointed to the original, no-longer existing, Endpoint IP.

Resolution

Retrieve the new service's Endpoint IP:

```
# kubectl get endpoints —n <yr—namespace> | grep —i postgresql
```

EZUA Data Sources configurations are stored under ezpresto/ezpresto-sts-mst-0 pod

```
# kubectl exec -i -t -n ezpresto ezpresto-sts-mst-0 -c presto-coordinator -- sh

[presto@ezpresto-sts-mst-0 /]$ ls -lrth /etc/presto/catalog/

total 3.0K

-r-xr-xr-x. 1   5000   5000 206 Nov 11 16:53 cache.properties
-r-xr-xr-x. 1   5000   5000  19 Nov 11 16:53 jmx.properties
-r-xr-xr-x. 1   5000   5000 520 Nov 11 16:53 network.properties
drwxr-xr-x. 2 presto presto   0 Nov 13 17:04 tmp
-rw-r--r--. 1 presto presto 205 Nov 13 17:40 mypostgresql.properties
-r-xr-xr-x. 1   5000   5000   5 Nov 21 09:34 masterstatus.txt

[presto@ezpresto-sts-mst-0 /]$ cat /etc/presto/catalog/mypostgresql.properties
#adding catalog using endpoint
#Wed Nov 13 17:40:18 UTC 2024
connection-password=ezmeral
connector.name=postgresql
connection-url=jdbc\:postgresql\://10.224.221.206\:5432/postgres
connection-user=postgres
```

Manually edit the Data Source configuration file /etc/presto/catalog/mypostgresql.properties to reference the new Service Endpoint IP, then restart the ezpresto statefulsets to force the pods to recreate.

- ezpresto-sts-mst
- ezpresto-sts-wrk

Monitor the ezpresto pods recreation and when completed, refresh the EZUA UI. The ezpresto PostgreSQL Data Source should now be marked as 'Connected':

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