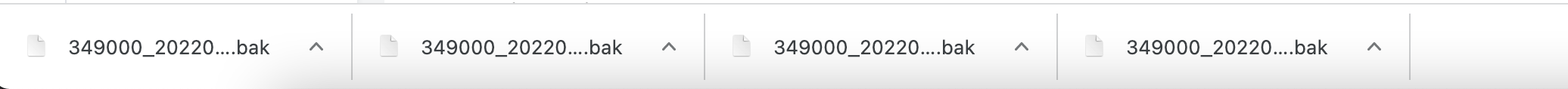
How to restore DB to a VM in the LAB

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated



Graphical user interface, text

Description automatically generated

Text

Description automatically generated

A computer screen capture

Description automatically generated with medium confidence

A screenshot of a computer

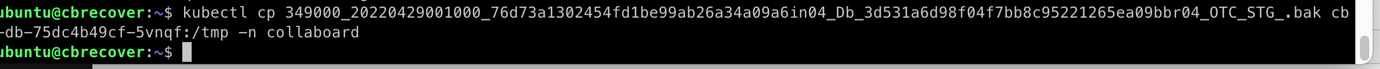
Description automatically generated with medium confidence

Text

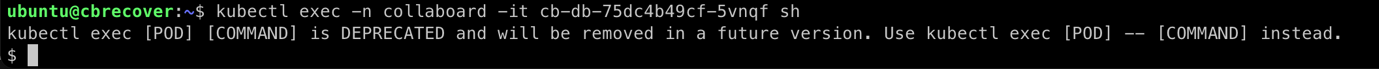
Description automatically generated

kubectl scale deploy --all --replicas=0 -n collaboard -l nodb-pod=true

kubectl cp 349000\_20220429001000\_76d73a1302454fd1be99ab26a34a09a6in04\_Db\_3d531a6d98f04f7bb8c95221265ea09bbr04\_OTC\_STG\_.bak cb-db-75dc4b49cf-5vnqf:/tmp -n collaboard



$ kubectl exec -n collaboard -it cb-db-75dc4b49cf-5vnqf sh



$ /opt/mssql-tools/bin/sqlcmd -S . -U sa -P Welcome@1

1> SELECT name FROM master.dbo.sysdatabases

2> go

name

--------------------------------------------------------------------------------------------------------------------------------

master

tempdb

model

msdb

IBV.Database

(5 rows affected)

1>

1> USE master;

2> ALTER DATABASE [IBV.Database] SET SINGLE\_USER WITH ROLLBACK IMMEDIATE;

3> DROP DATABASE [IBV.Database] ;

4> go

Changed database context to 'master'.

1> SELECT name FROM master.dbo.sysdatabases

2> go

name

--------------------------------------------------------------------------------------------------------------------------------

master

tempdb

model

msdb

mv /tmp/349000\_20220429001000\_76d73a1302454fd1be99ab26a34a09a6in04\_Db\_3d531a6d98f04f7bb8c95221265ea09bbr04\_OTC\_STG\_.bak /tmp/OTC\_STG\_.bak

/opt/mssql-tools/bin/sqlcmd -S . -U sa -P Welcome@1 -Q "RESTORE DATABASE [OTC\_STG] FROM DISK='/tmp/OTC\_STG\_.bak' WITH MOVE 'OTC\_STG' TO '/var/opt/mssql/data/OTC\_STG.Database.mdf' , MOVE 'OTC\_STG\_Log' TO '/var/opt/mssql/data/OTC\_STG\_Log.ldf'"

A computer screen capture

Description automatically generated with medium confidence

Restart the DB container & checl logs :

│ 2022-04-29 19:07:18.07 spid27s [5]. Feature Status: PVS: 0. CTR: 0. ConcurrentPFSUpdate: 1. │

│ 2022-04-29 19:07:18.08 spid27s Starting up database 'OTC\_STG'. │

│ 2022-04-29 19:07:18.10 spid12s The resource database build version is 15.00.4198. This is an informational message only. No user action i │

│ 2022-04-29 19:07:18.12 Server Common language runtime (CLR) functionality initialized. │

│ 2022-04-29 19:07:18.14 spid12s [3]. Feature Status: PVS: 0. CTR: 0. ConcurrentPFSUpdate: 1. │

│ 2022-04-29 19:07:18.15 spid12s Starting up database 'model'. │

│ 2022-04-29 19:07:18.34 spid27s Parallel redo is started for database 'OTC\_STG' with worker pool size [2]. │

│ 2022-04-29 19:07:18.37 spid23s A self-generated certificate was successfully loaded for encryption. │

│ 2022-04-29 19:07:18.38 spid23s Server is listening on [ 'any' <ipv6> 1433]. │

│ 2022-04-29 19:07:18.39 spid23s Server is listening on [ 'any' <ipv4> 1433]. │

│ 2022-04-29 19:07:18.39 Server Server is listening on [ ::1 <ipv6> 1434]. │

│ 2022-04-29 19:07:18.39 Server Server is listening on [ 127.0.0.1 <ipv4> 1434]. │

│ 2022-04-29 19:07:18.40 Server Dedicated admin connection support was established for listening locally on port 1434. │

│ 2022-04-29 19:07:18.40 spid23s Server is listening on [ ::1 <ipv6> 1431]. │

│ 2022-04-29 19:07:18.40 spid27s Parallel redo is shutdown for database 'OTC\_STG' with worker pool size [2]. │

│ 2022-04-29 19:07:18.40 spid23s Server is listening on [ 127.0.0.1 <ipv4> 1431]. │

│ 2022-04-29 19:07:18.41 spid12s Clearing tempdb database. │

│ 2022-04-29 19:07:18.41 spid23s SQL Server is now ready for client connections. This is an informational message; no user action is requir │

│ 2022-04-29 19:07:18.80 spid12s [2]. Feature Status: PVS: 0. CTR: 0. ConcurrentPFSUpdate: 1. │

│ 2022-04-29 19:07:18.80 spid12s Starting up database 'tempdb'. │

│ 2022-04-29 19:07:19.52 spid12s The tempdb database has 4 data file(s). │

│ 2022-04-29 19:07:19.53 spid26s The Service Broker endpoint is in disabled or stopped state. │

│ 2022-04-29 19:07:19.53 spid26s The Database Mirroring endpoint is in disabled or stopped state. │

│ 2022-04-29 19:07:19.54 spid26s Service Broker manager has started. │

│ 2022-04-29 19:07:19.54 spid9s Recovery is complete. This is an informational message only. No user action is required.

Update parameters.yaml.

DATABASE=OTC\_STG

Password does not to be updated

ansible-playbook cb-rendering-configs.yaml

ansible-playbook cb-deploy-on-k8s.yaml

kubectl apply -f configmaps/cm-appsettings.yaml

kubectl apply -f configmaps/sql-init-script.yaml

kubectl delete -f jobs/db-init.yaml

kubectl create -f jobs/db-init.yaml

kubectl scale deploy --all --replicas=1 -n collaboard -l nodb-pod=true

To Check :

Kubectl get po -n collaboard :

A computer screen capture

Description automatically generated with medium confidence