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# RHEV 3.6 Backup / Restore

— 2016/04/16 01:10

```
[root@host]# engine-backup --scope=all --mode=backup --file=BACKUP_FILE --log=LOG_FILE
```

```
[root@host]# service ovirt-engine stop
```

```
[root@host]# engine-cleanup
```

```
[root@host]# su - postgres -c psql
alter role engine encrypted password 'PASSWORD';
```

```
[root@host]# engine-backup --mode=restore --scope=all --file=BACKUP_FILE --log=LOG_FILE --change-db-credentials --db-host=localhost --db-name=engine --db-user=engine --db-password --restore-permissions
```

```
[root@host]# engine-setup
```

## script

```
#!/bin/bash
# Usage : restore.sh DB_PASS RESTORE_FILE
#
if [ $# -ne 2 ]
then
    echo "Usage : restore.sh <DB_PASS> <RESTORE_FILE>";
    exit 1;
fi

PASSWORD=$1
RESTORE_FILE=$2
```

```
##### check daemon
echo "check ovirt-engine daemon..."
service ovirt-engine status
if [ $? -ne 3 ]
then
    echo "Service ovirt-engine is not stopped.";
    echo "Service ovirt-engine daemon MUST stop.";
    echo "Exit";
    exit 1;
fi

engine-cleanup << EOF
yes
ok
ok
EOF

if [ $? -ne 0 ]
then
    echo "engine-cleanup is not completed";
    echo "Exit";
    exit 1;
fi

su - postgres -c psql << EOF
alter role engine encrypted password '$PASSWORD';
\q
EOF

if [ $? -ne 0 ]
then
    echo "db password is not set";
    echo "Exit";
    exit 1;
fi

engine-backup --mode=restore --scope=all --file=$RESTORE_FILE --
log=restore.log --change-db-credentials --db-host=localhost --db-name=engine
--db-user=engine --db-password=$PASSWORD --restore-permissions

engine-setup << EOF
yes
no
ok
EOF

echo "Restore Done"
```

# - DB Corruption

```

가 engine-cleanup      engine-setup      가
      .psql            가 database list      .

```

```

[root@host2 ~]# su - postgres -c psql
psql (8.4.20)
Type "help" for help.

```

```
postgres=# \l
```

List of databases

Name	Owner	Encoding	Collation	Ctype	Access privileges
engine_20160416011028	engine_20160416011028	UTF8	en_US.UTF-8	en_US.UTF-8	
engine_20160416011808	engine_20160416011808	UTF8	en_US.UTF-8	en_US.UTF-8	
postgres	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	
template0	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres
template1	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres

(5 rows)

```
postgres=# drop database engine_20160416011028;
DROP DATABASE
```

```
postgres=# drop database engine_20160416011808;
DROP DATABASE
```

```
postgres=# \l
```

List of databases

Name	Owner	Encoding	Collation	Ctype	Access privileges
postgres	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	
template0	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres
template1	postgres	UTF8	en_US.UTF-8	en_US.UTF-8	=c/postgres

(3 rows)

```
postgres=# \q
```

## - Memory Size

```
가 .
가
가
engine-setup           가           /var/log/messages           가 .
```

```
Apr 21 17:02:53 testvm002 2016-04-21 17:02:53,974 ovirt-engine: ERROR
run:532 Error: Cannot detect JBoss version
```

### engine-setup

```
ENGINE_HEAP_MIN="4096M" #
ENGINE_HEAP_MAX="4096M"
```

oVirt

8GB	1964M
32GB	7959M
256GB	64565M

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