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RHEV 3.6 Backup / Restore

— 2016/04/16 01:10

```

Self-Hosted Engine      Maintenance mode
Self Host                Manager VM  maintenance

```

```
hosted-engine --set-maintenance --mode=global
```

Manager

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

Red Hat Enterprise Virtualization Manager 가
 Manager 가

1. Red Hat Enterprise Virtualization Manager
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3. Manager 가 Red Hat Enterprise Virtualization Manager
- 4.

RHEVM

```
RHEVM . Self host maintenance
```

```
[root@host1 ~]# hosted-engine --set-maintenance --mode=global
```

RHEVM

ovirt-engine

```
[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 database가
 . 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
: postgres=CtC/postgres
template1             | postgres              | UTF8      | en_US.UTF-8 |
en_US.UTF-8 | =c/postgres
: postgres=CtC/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
:
postgres=CtC/postgres
template1  | postgres | UTF8     | en_US.UTF-8 | en_US.UTF-8 | =c/postgres
:
postgres=CtC/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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