

Upgrading From MongoDB 3.0 to MongoDB 3.2

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 - Restart Services
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Purpose

OMK customers may wish to upgrade from MongoDB 3.0 to MongoDB 3.2. This example uses CentOS because this is the prevailing Linux distribution used by our customer base.

Steps

- Ensure MongoDB Authentication Is Set Correctly
- Stop Running Services
- Backup Current Database
- Install MongoDB 3.2
- Provision MongoDB 3.2
- Restart OMK Services and Test

Procedure

Ensure MongoDB Authentication Is Set Correctly

In order to ensure a smooth transition ensure MongoDB authentication is set correctly. The following script will facilitate this.

```
[root@opmantek ~]# /usr/local/omk/bin/setup_mongodb.pl
```

Stop Running OMK Services

```
[root@opmantek ~]# service opconfigd stop
Stopping opconfig daemon opconfigd          [ OK ]
[root@opmantek ~]# service opevents stop
Stopping opevents daemon opevents           [ OK ]
[root@opmantek ~]# service omkd stop
Stopping Opmantek Webserver opmantek.exe    [ OK ]
[root@opmantek ~]# service opflowd stop
Shutting down flowd:                        [ OK ]
```

Backup Current Database

Create Backup Directory

```
[root@opmantek /]# mkdir data/mongodump
```

Dump MongoDB

```
[root@opmantek ~]# mongodump -u=opUserRW -p=op42flow42 --out=/data/mongodump
```

Stop MongoDB

```
[root@opmantek ~]# service mongod stop
Stopping mongod: [ OK ]
```

Install MongoDB 3.2

Update MongoDB Repository File

In order to install MongoDB 3.2 edit /etc/yum.repos.d/mongodb-org.repo to reflect the correct version.

/etc/yum.repos.d/mongodb-org.repo

```
### change below to 3.2
[mongodb-org-3.2]
name=MongoDB Repository
### change below to 3.2
baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/3.2/x86_64/
gpgcheck=0
enabled=1
```

Install MongoDB 3.2 with yum

```
[root@opmantek ~]# yum install mongodb-org
```

Start MongoDB Service

```
[root@opmantek ~]# service mongod start
Starting mongod: [ OK ]
[root@opmantek ~]#
```

Restart OMK Services and Test

Restart Services

```
[root@opmantek mongodb]# service opeventsd start
Starting opevents daemon opeventsd [ OK ]
[root@opmantek mongodb]# service opconfigd start
Starting opconfig daemon opconfigd [ OK ]
[root@opmantek mongodb]# service opflowd start
Starting opflowd: [ OK ]
[root@opmantek mongodb]# service omkd start
Starting Opmantek Webserver opmantek.exe [ OK ]
```

Test

Log into each OMK Application via the GUI and verify the data is still there. If everything is as it should be then delete /data/mongodump