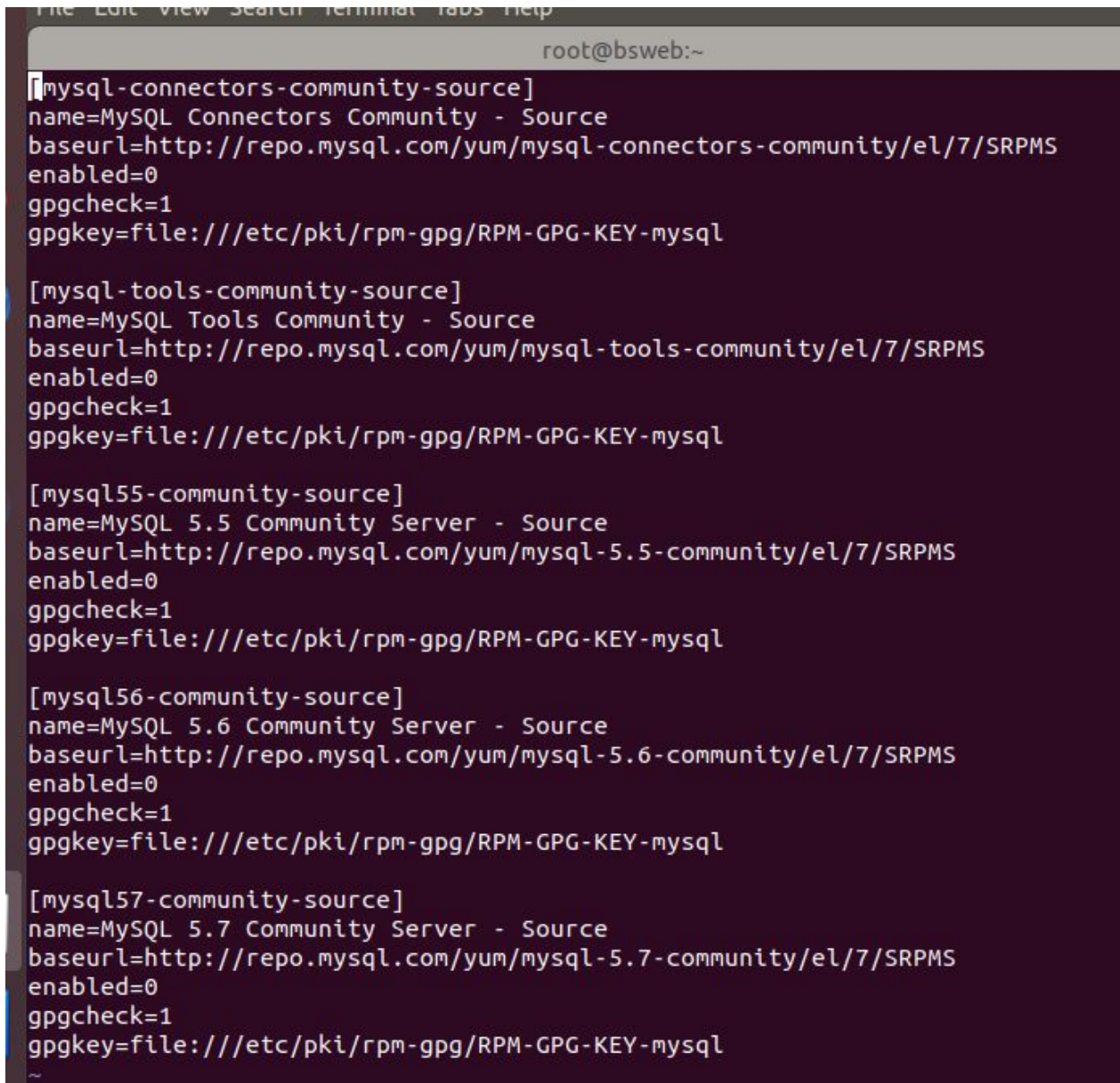


## Upgrade MySQL 5.6 to 5.7 on Centos 7

Vi /etc/yum.repos.d/mysql-community.repo  
enabled=0 and disable 1  
gpgcheck=1

Yum update -y  
# after then must be upgrade  
Mysql\_upgrade -p

systemctl restart mysqld

A terminal window screenshot showing the configuration of MySQL community repositories. The terminal title is 'root@bsweb:~'. The output shows five repository configurations, each with its name, base URL, enabled status, gpgcheck status, and gpgkey path. The repositories are: mysql-connectors-community-source, mysql-tools-community-source, mysql55-community-source, mysql56-community-source, and mysql57-community-source. All are currently disabled (enabled=0) and have gpgcheck=1.

```
root@bsweb:~  
[mysql-connectors-community-source]  
name=MySQL Connectors Community - Source  
baseurl=http://repo.mysql.com/yum/mysql-connectors-community/el/7/SRPMS  
enabled=0  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql  
  
[mysql-tools-community-source]  
name=MySQL Tools Community - Source  
baseurl=http://repo.mysql.com/yum/mysql-tools-community/el/7/SRPMS  
enabled=0  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql  
  
[mysql55-community-source]  
name=MySQL 5.5 Community Server - Source  
baseurl=http://repo.mysql.com/yum/mysql-5.5-community/el/7/SRPMS  
enabled=0  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql  
  
[mysql56-community-source]  
name=MySQL 5.6 Community Server - Source  
baseurl=http://repo.mysql.com/yum/mysql-5.6-community/el/7/SRPMS  
enabled=0  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql  
  
[mysql57-community-source]  
name=MySQL 5.7 Community Server - Source  
baseurl=http://repo.mysql.com/yum/mysql-5.7-community/el/7/SRPMS  
enabled=0  
gpgcheck=1  
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-mysql  
~
```

```
/var/lib/  
Chown -R mysql:mysql mysql
```

```
My.cnf
```

```
-----master
```

```
Master1
```

```
### Replication Configuration #####
```

```
server-id = 1  
replicate-same-server-id = 0  
auto-increment-increment = 2  
auto-increment-offset = 1
```

```
log-bin = /var/log/mysql/mysql-bin.log  
relay-log = /var/log/mysql/mysql-relay-bin  
relay-log-index = /var/log/mysql/mysql-relay-bin.index  
master-info-file = /var/log/mysql/mysql-master.info  
relay-log-info-file = /var/log/mysql/mysql-relay-log.info  
expire_logs_days = 10  
max_binlog_size = 100M  
slave-skip-errors = 1062, 1146, 1051  
slave_exec_mode = IDEMPOTENT
```

```
#replicate-do-db = tds_web
```

```
### End of Replication Configuration #####
```

```
-----slave-----
```

```
### Replication Configuration #####
```

```
server-id = 2  
replicate-same-server-id = 0  
auto-increment-increment = 2  
auto-increment-offset = 2
```

```
log-bin = /var/log/mysql/mysql-bin.log  
relay-log = /var/log/mysql/mysql-relay-bin  
relay-log-index = /var/log/mysql/mysql-relay-bin.index  
master-info-file = /var/log/mysql/mysql-master.info  
relay-log-info-file = /var/log/mysql/mysql-relay-log.info  
expire_logs_days = 10
```

```
max_binlog_size      = 100M
slave-skip-errors    = 1062, 1146, 1051
slave_exec_mode      = IDEMPOTENT
```

```
#replicate-do-db = tds_web
```

```
### End of Replication Configuration #####
```

Full dump :

```
mysqldump -p -u root --all-databases --single-transaction --master-data=1 > masterdump.sql
```

```
mysql < masterdump.sql ( at slave server )
```

```
# login to master mysql and edit with input below command to master server .
```

```
grant replication slave on . to 'tbsslausr'@'103.16.74.246' identified by 'ka2Xsdg63@&';
```

```
# check last 30 line from dump file and edit MASTER_LOG_FILE='mysql-bin.000002',
MASTER_LOG_POS=18411;
```

```
head - 30 masterdump.sql
```

```

[root@bsdev ~]# head -30 masterdump.sql
-- MySQL dump 10.13 Distrib 5.6.44, for Linux (x86_64)
--
-- Host: localhost    Database:
-----
-- Server version      5.6.44-Log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@SQL_NOTES, SQL_NOTES=0 */;

--
-- Position to start replication or point-in-time recovery from
--

CHANGE MASTER TO MASTER_LOG_FILE='mysql-bin.000002', MASTER_LOG_POS=18411;

--
-- Current Database: `bsdb`
--

CREATE DATABASE /*!32312 IF NOT EXISTS*/ `bsdb` /*!40100 DEFAULT CHARACTER SET utf8mb4 */;

USE `bsdb`;
[root@bsdev ~]# █

```

# then stop slave and edit with input below command to slave server .  
 Stop slave ,

```

CHANGE MASTER TO MASTER_HOST='103.16.74.244', MASTER_USER='tbsslausr',
MASTER_PASSWORD='ka2Xsdg63@&', MASTER_LOG_FILE='mysql-bin.000002',
MASTER_LOG_POS=18411;

```

mysql> show slave status \G

```

***** 1. row *****
      Slave_IO_State: Waiting for master to send event
        Master_Host: 10.243.205.34
        Master_User: ntv_mir
        Master_Port: 3306
        Connect_Retry: 60
        Master_Log_File: mysql-bin.000001
        Read_Master_Log_Pos: 5542444
        Relay_Log_File: mysql-relay-bin.000002
        Relay_Log_Pos: 5542657
        Relay_Master_Log_File: mysql-bin.000001
        Slave_IO_Running: Yes
        Slave_SQL_Running: Yes

```

Replicate\_Do\_DB:  
Replicate\_Ignore\_DB:  
Replicate\_Do\_Table:  
Replicate\_Ignore\_Table:  
Replicate\_Wild\_Do\_Table:  
Replicate\_Wild\_Ignore\_Table:  
Last\_Errno: 0  
Last\_Error:  
Skip\_Counter: 0  
Exec\_Master\_Log\_Pos: 5542444  
Relay\_Log\_Space: 5542864  
Until\_Condition: None  
Until\_Log\_File:  
Until\_Log\_Pos: 0  
Master\_SSL\_Allowed: No  
Master\_SSL\_CA\_File:  
Master\_SSL\_CA\_Path:  
Master\_SSL\_Cert:  
Master\_SSL\_Cipher:  
Master\_SSL\_Key:  
Seconds\_Behind\_Master: 0  
Master\_SSL\_Verify\_Server\_Cert: No  
Last\_IO\_Errno: 0  
Last\_IO\_Error:  
Last\_SQL\_Errno: 0  
Last\_SQL\_Error:  
Replicate\_Ignore\_Server\_Ids:  
Master\_Server\_Id: 1  
Master\_UUID: ad66ec1b-1c0c-11e6-813e-14187737cfbe  
Master\_Info\_File: /var/log/mysql/mysql-master.info  
SQL\_Delay: 0  
SQL\_Remaining\_Delay: NULL  
Slave\_SQL\_Running\_State: Slave has read all relay log; waiting for more updates  
Master\_Retry\_Count: 86400  
Master\_Bind:  
Last\_IO\_Error\_Timestamp:  
Last\_SQL\_Error\_Timestamp:  
Master\_SSL\_Crl:  
Master\_SSL\_Crlpath:  
Retrieved\_Gtid\_Set:  
Executed\_Gtid\_Set:  
Auto\_Position: 0  
Replicate\_Rewrite\_DB:

Channel\_Name:  
Master\_TLS\_Version:  
1 row in set (0.00 sec)