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| MILVIK |
| MIP-AWS DOCUMENT |
| DB import user guide |
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| **1/25/2019** |

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| This document explains the steps to take db dump from any rds instance and export to any rds instance. |

# STEPS TO TAKE DB DUMP FROM LIVE RDS INSTANCE:

## Steps to take DB dump from any LIVE rds instance :

Step A:

1. Login to the app instance

ssh username@kh-app-01.sg.bimamobile.internal

2. Create a file and save under /tmp directory

example:

cd /tmp

vi <dumpfile>

e.g.,kh\_DBDump\_08012019.sql

esc :wq!

3. Run the below command:

mysqldump --single-transaction --routines --triggers --events -u mipadmin -pdDVYnR4TkxbDE2zL8rE5yLAL -h lk-read-rds-01.sg.bimamobile.internal -P 3306 mip > /var/tmp/ lk\_dbdump\_12062020.sql

mysqldump --single-transaction --routines --triggers --events -u mipadmin -pdDVYnR4TkxbDE2zL8rE5yLAL -h kh-read-rds-01.sg.bimamobile.internal -P 3306 mip > /var/tmp/ khdbdump\_11082020.sql

Note: Ensure you change the rds details and schema name of respective market

username and password should be of respective rds credentials

country code should be for ex: kh, bd, lk etc

schema name

The above command will import the db from rds instance with all Stored procedures and functions.

4. Zip the dump file

gzip <dumpfile>

eg., gzip kh\_DBDump\_08012019.sql

## Steps to copy the file from any LIVE app instance to cit/uat app instance :

1.We use sftp command to copy files between servers:

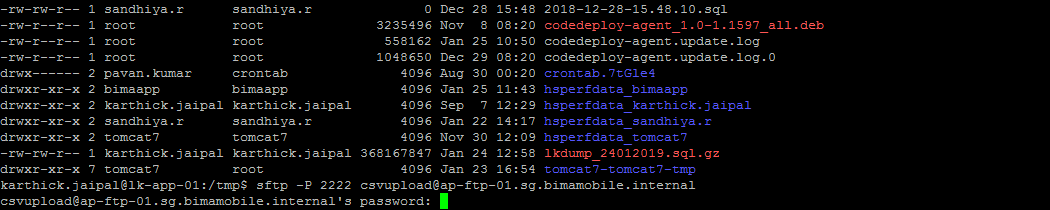
sftp -P 2222 [csvupload@ap-ftp-01.sg.bimamobile.internal](mailto:csvupload@ap-ftp-01.sg.bimamobile.internal)

Password: HM5IffWpY6xWL

cd /dbdumps/mip/{market\_name}/

eg.., cd /dbdumps/mip/KH/

For btc., cd /dbdumps/btc/KH/



2.Copy the zipped file to the root folder of sftp by below command

put <zipped dumpfile>

e.g., put kh\_DBDump\_08012019.sql.gz

3. Copy the file from root folder to any app instance eg., cit app instance

1. Login to the cit app instance

ssh username@cit-ap-app-01.sg.bimamobile.internal

2. move to tmp folder and do sftp command

sftp -P 2222 [csvupload@ap-ftp-01.sg.bimamobile.internal](mailto:csvupload@ap-ftp-01.sg.bimamobile.internal)

Password: HM5IffWpY6xWL



get <zipped dumpfile> e.g., get kh\_DBDump\_08012019.sql.gz

Dump will get copied to /tmp folder of cit app instance.

Note: Same steps for uat app instance.

3. Unzip the dump file

gunzip <zipped dumpfile>

e.g., gunzip kh\_DBDump\_08012019.sql.gz

4. Check for the unzipped file in cit app instance /tmp folder

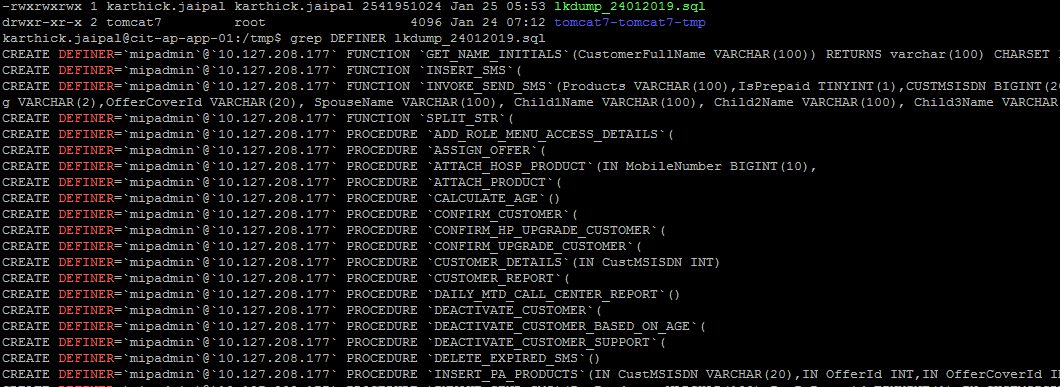
## Steps to remove the DEFINER from Stored Procedures and Functions :

Step B:

Removing DEFINER from the kh\_DBdump\_08012019.sql

a. grep DEFINER <dumpfile> -- command to list of lines which has DEFINER

eg., grep DEFINER kh\_DBdump\_08012019.sql



b. sed -i -e 's/\/\\*\!50013 DEFINER=`mipadmin`@`localhost` SQL SECURITY DEFINER \\*\// /g' <dumpfile> -- command to remove DEFINER and replace with space

c. sed -i -e 's/DEFINER=`mipadmin`@`localhost`/ /g' <dumpfile> -- command to remove the DEFINER and replace with space

Note:

/\*!50003 CREATE\*/ /\*!50017 DEFINER=`milrdsadmin`@`%`\*/ /\*!50003 TRIGGER `btc\_gh`.`transactionTrigger`

**Command**: sed -i -e 's/\/\\*\!50017 DEFINER=`milrdsadmin`@`%`\\*\// /g'

Note: Replace the localhost with IP address

e.g.,

sed -i -e 's/\/\\*\!50013 DEFINER=`mipadmin`@`10.127.208.177` SQL SECURITY DEFINER \\*\// /g' lkdump\_24012019.sql

sed -i -e 's/DEFINER=`mipadmin`@`10.127.208.177`/ /g' lkdump\_24012019.sql

d. Check whether all definer containing lines are replaced with space and ensure no DEFINER keyword present in the entire <dumpfile>



## Steps to export the db dump to any cit/uat rds instance:

Step C:

Before that , create schema in the cit rds instance

Create schema <schema name> -- command to create schema

For eg., create schema mip\_kh\_sm;

1.Run the below command to export the dump file:

CIT:

mysql -h cit-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw mip\_kh\_sm < /tmp/kh\_DBdump\_08012019.sql

UAT:

mysql -h uat-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw mip\_kh\_sm < /tmp/kh\_DBdump\_08012019.sql

Once the process in done, Please check for the Tables, Stored Procedures and Functions in cit/uat instance : schema

Note:

In the same way , Please try to import and export the db dumps between uat and cit app instance.

Please ensure the folders that you copy to the sftp root folder are removed once the process is done by informing L2 support team.