**AWS:**

Host IP :13.228.127.243

**Rules:**

Always perform any action on the server by switching to bimaapp user:

1. Creation of file
2. Deletion of file
3. Execution of Scheduler/cronjob
4. Execution of shellscript
5. **Note:** Please don’t be owner of any file in the server it will be difficult for others to work on it. Otherwise, If you want to maintain any file specific to user please have it in /home/{user1}/ directory structure

**Eg.**, /home/karthick.jaipal/

**To restart tomcat:**

sudo /etc/init.d/tomcat7 restart

**Bastion IP** = 13.228.127.243

**Jenkins:**

Deployment URL for CIT:

http://10.127.212.149:8080/

qa.team

milvik123!

**Servers** :

1) app-- application Server

2) esb-- DB scripts/Batch scripts/ Deduction Scheduler/Deduction Services/ Listeners and its respective properties. files

3) rds-- MYSQL Database

**To check for the id\_rsa file in ssh folder:**

Landing Server:

cd .ssh

ls -ltra

**Application Instance**

APP: lk-app-01.sg.bimamobile.internal

ssh karthick.jaipal@lk-app-01.sg.bimamobile.internal

**ESB Instance**

ESB: lk-esb-01.sg.bimamobile.internal

ssh karthick.jaipal@lk-esb-01.sg.bimamobile.internal

**Db server**

MYSQL rds wrt mipadmin user:

mysql -h lk-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pdDVYnR4TkxbDE2zL8rE5yLAL

**ap qa server:**

ap-qa-01.sg.bimamobile.internal

ssh karthick.jaipal@ap-qa-01.sg.bimamobile.internal

**To run a mock in ap qa server:**

**Command:**

./mockservicerunner.sh /home/karthick.jaipal/Soap\_project/Soap\_BD/sag-subscribe-service-1-0-soapui-project\_bdSoapnew.xml

Steps:

Connect from Term/Landing Server to ap qa server: ssh Username@ap\_qa instance

**switch to bimaapp User**:

sudo su – bimaapp

cd /opt/SoapUI/bin

**Applications are deployed in below path:**

Tomcat servers:

cd /var/lib/tomcat7/webapps/

cd /opt/apache-tomcat-6.0.32/webapps

cd /opt/tomcat8/webapps

* War files and their backups

In Server:

**Application Log path Structure:**

cd /var/log/mip/{countryName}/mnoName}

**For eg.,**

cd /var/log/mip/lk/da

cd /var/log/mip/bd/rb

cd /var/log/mip/kh/sm

**properties** **files path:**

cd /etc/bima/properties/mip/{countryName}/{mnoName}

**For eg.,**

cd /etc/bima/properties/mip/lk/da

cd /etc/bima/properties/mip/bd/rb

cd /etc/bima/properties/mip/kh/sm

**Schedulers/cronjobs are deployed in below path:**

cd /opt/apps

**Application Log path Structure:**

cd /var/log/mip/{countryName}/mnoName}/cronjobs/

**For eg.,**

cd /var/log/mip/lk/da/cronjobs/

cd /var/log/mip/bd/rb/cronjobs/

cd /var/log/mip/kh/sm/cronjobs/

**properties** **files path:**

cd /etc/bima/properties/mip/{countryName}/{mnoName}

**For eg.,**

cd /etc/bima/properties/mip/lk/da

cd /etc/bima/properties/mip/bd/rb

cd /etc/bima/properties/mip/kh/sm

**Shell Scripts are placed in below path:**

cd /opt/scripts

**To copy procedure from app to rds instance/ update the procedure in Backend:**

**cd /**home/karthick.jaipal/StoredProcedures/lk/

vi procedure.sql

*Add*

DELIMITER $$

DROP PROCEDURE IF EXISTS <your procedure name>$$

*Remove DEFINER=`mipadmin`@`localhost`from the content (procedure content)*

***Example:***

*It should be “CREATE PROCEDURE `ADD\_ROLE\_MENU\_ACCESS\_DETAILS”*

END$$

(Note: already END statement will be there just add $$ at the end)

Save the procedure: wq!

Run the below command:

mysql -h cit-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw mip\_bd\_rb < /home/karthick.jaipal/StoredProcedures/procedure.sql

mysql -h uat-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw mip\_bd\_rb < /home/karthick.jaipal/StoredProcedures/procedure.sql

**To connect any rds instance:**

1. Connect to app instance from landing server
2. Connect to rds instance

**For eg.,**

ssh karthick.jaipal@cit-ap-app-01.sg.bimamobile.internal

mysql -h cit-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw

ssh karthick.jaipal@uat-ap-app-01.sg.bimamobile.internal

mysql -h uat-ap-rds-01.sg.bimamobile.internal -P 3306 -u mipadmin -pTG47g7NyeabzzyXnXDAw

**Stored Procedures:**

To check for procedure status at DB:

Show procedure status where db= Database() and type='Procedure';

Show function status where db= Database() and type='function';

show create procedure <Procedure name>

**Bima services:**

curl -H "Content-Type: text/xml; charset=utf-8" -H "SOAPAction;" -d @/home/bimaapp/deactivationrequest.xml -X POST http://localhost:8080/BIMA/services/genProvSOAP

curl -H "Content-Type: text/xml; charset=utf-8" -H "SOAPAction;" -d @/home/bimaapp/lk/activationrequest.xml -X POST http://localhost:8080/BIMA/services/genProvSOAP

**Undeploy command**:

UAT:

wget "http://admin:cGMkXBX4bG88sJUHnnNHUqX3uy9JRWwhjb76aRDQ@uat-ap-app-01.sg.bimamobile.internal:8080/manager/text/undeploy?path=/coaching-service-1.0" -O - -q

CIT:

wget "http://admin:cGMkXBX4bG88sJUHnnNHUqX3uy9JRWwhjb76aRDQ@cit-ap-app-01.sg.bimamobile.internal:8080/manager/text/undeploy?path=/coaching-service-1.0" -O - -q

**Deploy command from /var/temp folder:**

-

wget "http://admin:cGMkXBX4bG88sJUHnnNHUqX3uy9JRWwhjb76aRDQ@cit-ap-app-01.sg.bimamobile.internal:8080/manager/text/deploy?path=/MIPBD&war=file:/var/tmp/MIPBD.war" -O - -q

**SDP Listener:**

cit\_app\_instance:

/home/bimaapp/BD\_SDP

curl -H "Content-Type: text/xml; charset=utf-8" -H "SOAPAction;" -d @/home/bimaapp/BD\_SDP/SDPupdatetype1request.xml -X POST http://localhost:8080/BIMA/services/DataSync

**Powershell command:**

Get-Content 'D:\SN\DBDump\_2018\_11\_21\DBDump\_2018\_11\_21.sql' | ForEach-Object { $\_ -replace "mip", "mipsen18" } | Set-Content 'D:\SN\Destination\Dump2018\_11\_21.sql'

**To run jar file:**

Java –jar {scheduler}

**To check for jar running status:**

ps –eaf|grep java

**And then kill the process if needed**

Kill {pid}

**To check for mock running status:**

lsof -i:{port\_no}

for eg.,

lsof -i:8080

lsof –i:8082

**And then kill the process if needed**

Kill {pid}

**To run/execute any shell script:**

chmod 777 file.sh

sh file.sh

**commands:**

cd – change directory

ls – list

vi {filename} – vi editor

wq! – quit and save

mkdir - create directory

rmdir – remove directory

rm {filename} – remove file

mv {file1} {file2} – move file

cp {file1} {file2} – copy file

pwd : present working directory

**How to copy file from local to server**

Connect to winscp

Drag the file from local to SFTP server location :{ preferred location}

Connect to app instance/server to which the file has to be copied

Eg., ssh karthick.jaipal@cit-ap-app-01.sg.bimamobile.internal

Go to specific path: /var/tmp

Connect to SFTP

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

Password: HM5IffWpY6xWL

get {file}

exit

check for the file in app server

**How to copy file from server to local**

Connect to app instance/server

Eg., ssh karthick.jaipal@cit-ap-app-01.sg.bimamobile.internal

Go to specific path where file is placed: /var/tmp

Connect to SFTP

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

Password: HM5IffWpY6xWL

put {file}

ls – l

check for the file in SFTP preferred location

exit

Connect to winscp

Drag the file from SFTP to Local directory.

**How to copy file from server to server**

Connect to app instance/server

Eg., ssh karthick.jaipal@cit-ap-app-01.sg.bimamobile.internal

Go to specific path where file is placed: /var/tmp

Connect to SFTP

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

Password: HM5IffWpY6xWL

put {file}

ls – l

check for the file in SFTP preferred location

exit

Connect to app instance/server

Eg., ssh karthick.jaipal@uat-ap-app-01.sg.bimamobile.internal

Go to specific path where file is placed: /tmp

Connect to SFTP

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

Password: HM5IffWpY6xWL

get {file}

exit

check for the file in app server

**How to take a DB dump:**



**To check logs:**

tail –n 100 {file}.log (last 100 lines of logs)

tail –f {file}.log (live logs)

**Supporting doc:**

