

**StarToken – Standard Operating Procedures**

SOP for Start-up, Shutdown, DC-DR Cutover and DR-DC Cutback

Internal Documentation for Uniken and HP teams

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1. Introduction

This document provides the Standard Operating Procedures to be followed for the Start-up, Shutdown, DC-DR Cutover and DR-DC Cutback of StarToken system.

1. Start-Up

The procedure for starting up the StarToken system broadly involves the following –

* Starting up the REL-ID Database Server(s)
* Starting up the REL-ID Application Server(s)
* Starting up the REL-ID Gateway Server(s)

The following tables detail the steps for each of the above –

* 1. REL-ID Database Server Start-up Procedure

|  |  |
| --- | --- |
| **REL-ID Application Server Start-up**  Needs to be performed *either* on DC2FASA01 (during Normal-Ops), *or* on DR2FASA01 (during DR-Cutover) | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PGDATA** 🡨 **$UNIKENHOME**/database/local/pgdata * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Check the database is NOT already running – **pg\_ctl status** – expected output:  **pg\_ctl: no server running** |
| **4** | Navigate to the REL-ID Application Server installation directory – **cd $UNIKENHOME** |
| **4** | Start the database – **./start-postgres.sh** |
| **5** | Verify that the database is running – **pg\_ctl status** – expected output  pg\_ctl: server is running (PID: <pid>)  /usr/local/uniken/3rd-party/bin/postgres |
| **6** | Verify that database is online by attempting DB logon – **psql tbdb trubank** – expected output  Password for user trubank: |

* 1. REL-ID Application Server Start-up Procedure

|  |  |
| --- | --- |
| **REL-ID Application Server Start-up**  Needs to be performed *either* on DC2FASA02 (during Normal-Ops), *or* on DR2FASA02 (during DR-Cutover) | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Navigate to the REL-ID Application Server installation directory – **cd $UNIKENHOME** |
| **4** | Start Apache Tomcat Webservice  – **During Normal-Ops Run this command**  on DC2FASA02 and DR2FASA02 – ./start-apache-tomcat-webservice.sh dc  – **During DR-Cutover Run this command**  on DC2FASA02 and DR2FASA02 – ./start-apache-tomcat-webservice.sh dr |
| **5** | Start Apache Tomcat Admin  – **During Normal-Ops Run this command**  on DC2FASA02 – ./start-apache-tomcat-admin.sh dc  – **During DR-Cutover Run this command**  on DC2FASA02 – ./start-apache-tomcat-admin.sh dr |
| **6** | Start Apache Tomcat Daemon  – **During Normal-Ops Run this command**  on DC2FASA02 – ./start-apache-tomcat-daemon.sh dc  – **During DR-Cutover Run this command**  on DC2FASA02 – ./start-apache-tomcat-daemon.sh dr |

* 1. REL-ID Gateway Server Start-up Procedure

|  |  |
| --- | --- |
| **REL-ID Gateway Server Start-up**  Needs to be performed on all Gateway Servers – DC2FASR01, DC2FASZ01, DR2FASR01, DR2FASZ01 | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Navigate to the REL-ID Gateway Server installation directory – **cd $UNIKENHOME** |
| **4** | Check database access to the REL-ID Application Server by attempting DB logon  – **During Normal-Ops Run**  **psql –h 172.1.2.121 –p 5432 tbdb trubank**  – **During DR-Cutover Run**  **psql –h 172.2.2.121 –p 5432 tbdb trubank**  – **Expected Output**  Password for user trubank: |
| **5** | Start REL-ID Gateway Server  – **During Normal-Ops Run and DR-Cutover this command**  on DC2FASR01, DC2FASZ01 – ./start-zszs.sh dc  on DR2FASR01, DR2FASZ01 – ./start-zszs.sh dr |
| **6** | Verify that the REL-ID Gateway Server is running and stable (**ps –ef | grep zszs**). This command shouldshow an output similar to the following (*repeating it should show the same PIDs*):  root 20292 1 0 01:08 ? 00:00:00 /bin/sh ./zszs.sh startoken-dr  root 20298 20292 1 01:08 ? 00:07:24 big-bro.exe -c configs/zszs.startoken-dr.xml |

1. Shutdown

The procedure for shutting down the StarToken system broadly involves the following –

* Shutting down the REL-ID Gateway Server(s)
* Shutting down the REL-ID Application Server(s)
* Shutting down the REL-ID Database Server(s)

The following tables detail the steps for each of the above –

* 1. REL-ID Gateway Server Shutdown Procedure

|  |  |
| --- | --- |
| **REL-ID Gateway Server Shutdown Procedure**  Needs to be done on all Gateway Servers – DC2FASR01, DC2FASZ01, DR2FASR01, DR2FASZ01 | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Navigate to the REL-ID Gateway Server installation directory – **cd $UNIKENHOME** |
| **4** | Stop the REL-ID Gateway Server processes –   * Stop the processes – ./stop-zszs.sh * Finally, verify that there is no output from – pgrep –fl ‘^.\*zszs.\*$’ |

* 1. REL-ID Application Server Shutdown Procedure

|  |  |
| --- | --- |
| **REL-ID Application Server Shutdown**  Needs to be performed on DC2FASA02 and DR2FASA02 | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Navigate to the REL-ID Application Server installation directory – **cd $UNIKENHOME/zsrt** |
| **4** | Stop the Apache Tomcat processes –   * Stop Tomcat Webservice – ./stop-apache-tomcat-webservice.sh * Stop Tomcat Admin – ./stop-apache-tomcat-admin.sh * Stop Tomcat Daemon – ./stop-apache-tomcat-daemon.sh |

* 1. REL-ID Database Server Shutdown Procedure

|  |  |
| --- | --- |
| **REL-ID Application Server Shutdown**  Needs to be performed *either* on DC2FASA01 (during Normal-Ops), *or* on DR2FASA01 (during DR-Cutover) | |
| **1** | Login as OS-user **root** |
| **2** | Ensure that the following environment variables are set and exported – **export**   * **UNIKENHOME** 🡨 /usr/local/uniken * **THRDBASEDIR** 🡨 **$UNIKENHOME**/3rd-party * **PATH** 🡨 **$THRDBASEDIR**/bin:$PATH * **LD\_LIBRARY\_PATH** 🡨 **$THRDBASEDIR**/lib:$LD\_LIBRARY\_PATH |
| **3** | Navigate to the REL-ID Application Server installation directory – **cd $UNIKENHOME** |
| **4** | Stop the PostGreSQL database –   * Stop the processes – ./stop-postgres.sh * Check the database is NOT already running – pg\_ctl status – expected output:  pg\_ctl: no server running |

1. DC-DR Cutover (Normal-Ops to DR-Cutover)

The details of the setup required for this procedure have been explained in the previous section – [V. DC-DR Data Replication Setup](#_DC-DR_Data_Replication). This section details the actual steps to follow for DC🡪DR Cutover. Some of these steps are also mentioned in section [V-D Switching between Master and Slave modes](#_Switching_between_Master). Before CutOver, be ready with the below points:-

* 1. What it the IP of Production Connect24. ( [Visit Section-E to know more about Connect24 Pointing](#_NG-Quick_Banking_))
  2. What is the IP of Production SMS Server. ( [Visit Section-F to know more about SMS Server Pointing](#_SMS_Gateway_Server))

IP Address and Hostname details of StarToken servers:

1. DC Environment
   1. Gateway Server - 172.1.7.137
   2. Gateway Server - 172.1.7.138
   3. Gateway Server - 172.1.32.154
   4. Database Server - 172.1.2.121
   5. Application Server - 172.1.2.122
   6. Application Server - 172.1.30.12
   7. Connect24 Server - 172.1.2.56 , Port:- 1981
2. DR Environment
   1. Gateway Server - 172.2.7.137
   2. Gateway Server - 172.2.7.138
   3. Gateway Server - 172.2.7.157
   4. Database Server - 172.2.2.121
   5. Application Server - 172.2.2.122
   6. Application Server - 172.1.30.6
   7. Connect24 Server - 172.2.2.38, Port:- 1981

The following tables detail the steps for each of the above –

|  |  |
| --- | --- |
| **DC-DR Cutover**  Moving from Normal-Ops to DR-Cutover | |
|  | **Pre-Checks that have to be performed before starting with DC-DR Cutover** |
|  | Disable the Quick Banking Monitoring Cron at **172.1.30.12** by putting the hash/comment as below  service crond stop  service crond status |
| **1** | Login to 172.1.2.121 server and run following commands (Make sure that the output generated by first command is equal to output generated by second command):   1. psql -h 172.1.2.121 -p 5432 -d tbdb -U TruBank -c "select count(id) from zrsessionlog" -t -A 2. psql -h 172.2.2.121 -p 5432 -d tbdb -U TruBank -c "select count(id) from zrsessionlog " -t –A |
|  | **Milestone-1: Stop All StarToken Services** |
| **2** | Stop StarToken DC REL-ID Gateway services   1. Login to 172.1.7.137 Server as root 2. Stop StarToken Gateway services cd /usr/local/uniken/   ./stop-all.sh |
| **3** | Stop StarToken DC REL-ID Gateway services   1. Login to 172.1.7.138 Server as root 2. Stop StarToken Gateway services cd /usr/local/uniken/   ./stop-all.sh |
| **4** | 1. Login to 172.1.32.154 Server as root 2. Stop StarToken NG Gateway Services   cd /usr/local/uniken/  ./stop-all.sh |
| **5** | Stop StarToken DC Application services   1. Login to 172.1.2.122 Server as root   Stop Application services cd /usr/local/uniken/  ./stop-all.sh   1. Login to 172.1.30.12 Server as root 2. Stop NG Application services ./stop-all.sh |
| **6** | Stop StarToken DR REL-ID Gateway services   1. Login to 172.2.7.137 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **7** | Stop StarToken DR REL-ID Gateway services   1. Login to 172.2.7.138 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **8** | Stop StarToken NG DR Gateway Services   1. Login to 172.2.7.157 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **9** | Stop StarToken DR Application services   1. Login to 172.2.2.122 Server as root   Stop Application services cd /usr/local/uniken/  ./stop-all.sh   1. Login to 172.2.30.6 Server as root 2. Stop NG Application services ./stop-all.sh |
|  | **Milestone-2: Database Cut-Over** |
| **10** | Run following Command to Stop the DC database Server 172.1.2.121  ./stop-postgres.sh |
| **11** | Run following command on DR to make 172.2.2.121 as MASTER NODE   1. Login to 172.2.2.121 Server as root   su -c "repmgr -f /usr/local/uniken/database/local/repmgr/repmgr.conf --verbose standby promote" postgres |
| **12** | Run following command on DC to make 172.1.2.121 as SLAVE NODE  su -c "repmgr -D /usr/local/uniken/database/local/pgdata -d postgres -p 5432 -U repmgr -R postgres --verbose --force standby clone 172.2.2.121 " postgres |
| **13** | Verify whether the DR Database Server is accepting Database Connections or not   1. Login to 172.2.2.121 Server as root 2. Run following command psql tbdb trubank 3. Above command has to prompt for password. Press CTRL+c to exit the prompt. |
| **14** | Verify whether the DR Database Server is started as master   1. Login to 172.2.2.121 Server as root 2. Run following command ps aux | grep postgres |
| **15** | Start DC StarToken Database server in slave mode   1. Login to 172.1.2.121 Server as root 2. Start StarToken Database services ./start-postgres.sh |
| **16** | Verify whether the DC Database Server is started as slave   1. Login to 172.1.2.121 Server as root 2. Run following command ps aux | grep postgres |
|  | **Milestone-3: Start All StarToken Services** |
| **17** | Start StarToken DR Application services   1. Login to 172.2.2.122 Server as root 2. Start StarToken Application services cd /usr/local/uniken/   ./start-all.sh dr   1. Login to **172.2.30.6** Server as root 2. Check and Confirm the **Pointing of Connect24 Connectivity Channel to the appropriate IP address** using below command. If change required then edit the below file   vim /usr/local/uniken/webapps/properties/datasource.properties  connect24.host=172.1.2.56  connect24.port=1981   1. Start StarToken NG Application services   ./start-all.sh   1. Enable Quick banking Monitoring cron   service crond start  service crond status |
| **18** | Start StarToken DR REL-ID Gateway services   1. Login to 172.2.7.137 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh dr |
| **19** | Start StarToken DR REL-ID Gateway services   1. Login to 172.2.7.138 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh dr |
| **20** | 1. Login to 172.2.7.157 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh |
| **21** | Start StarToken DC Application services   1. Login to 172.1.2.122 Server as root 2. Start StarToken Application services ./start-apache-tomcat-webservice.sh dr ./start-apache-tomcat-admin.sh dr   cd stats/scripts/  ./start-monitor-scipts.sh |

**Start Monitoring Scripts Database after cutover**

1. DR-DC Cutback (DR-Cutover to Normal-Ops)

The details of the setup required for this procedure have been explained in the previous section – [V. DC-DR Data Replication Setup](#_DC-DR_Data_Replication). This section details the actual steps to follow for DR🡪DC Cutback. Some of these steps are also mentioned in section [V-D Switching between Master and Slave modes](#_Switching_between_Master). Before CutOver, be ready with the below points:-

* What it the IP of Production Connect24. ( [Visit Section-E to know more about Connect24 Pointing](#_NG-Quick_Banking_))
* What is the IP of Production SMS Server? ([Visit Section-F to know more about SMS Server Pointing](#_SMS_Gateway_Server))

IP Address and Hostname details of StarToken servers:

1. DC Environment
   1. Gateway Server - 172.1.7.137
   2. Gateway Server - 172.1.7.138
   3. Gateway Server - 172.1.32.154
   4. Database Server - 172.1.2.121
   5. Application Server - 172.1.2.122
   6. Application Server - 172.1.30.12
   7. Connect24 Server - 172.1.2.56 , Port:- 1981
2. DR Environment
   1. Gateway Server - 172.2.7.137
   2. Gateway Server - 172.2.7.138
   3. Gateway Server - 172.2.7.157
   4. Database Server - 172.2.2.121
   5. Application Server - 172.2.2.122
   6. Application Server - 172.2.30.6
   7. Connect24 Server - 172.2.2.56, Port:- 1981

|  |  |
| --- | --- |
| **DR-DC Cutback**  Moving from CR-Ops to DC-Cutback | |
|  | **Pre-Checks that have to be performed before starting with DR-DC Cutback** |
| **1** | Disable the Quick Banking Monitoring Cron at 172.2.30.6 by putting the hash/comment as below  service crond stop  crontab –e  #\*/15 \* \* \* \* cd /usr/local/uniken/QB-mon; sh check.sh; |
| **2** | Login to 172.2.2.121 server and run following commands (Make sure that the output generated by first command is equal to output generated by second command):   1. psql -h 172.1.2.121 -p 5432 -d tbdb -U trubank -c "select count(id) from zrsessionlog" -t -A 2. psql -h 172.2.2.121 -p 5432 -d tbdb -U trubank -c "select count(id) from zrsessionlog" -t –A |
|  | **Milestone-1: Stop All StarToken Services** |
| **2** | Stop StarToken DR REL-ID Gateway services   1. Login to 172.2.7.137 Server as root   Stop StarToken Gateway services  cd /usr/local/uniken/  ./stop-all.sh |
| **3** | Stop StarToken DR REL-ID Gateway services   1. Login to 172.2.7.138 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **4** | Stop StarToken NG DR REL-ID Gateway services   1. Login to 172.2.7.157 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **5** | Stop StarToken DR Application services   1. Login to 172.2.2.122 Server as root 2. Stop Application services Login to 172.2.30.6 Server as root 3. Stop NG Application services ./stop-all.sh |
| **6** | Stop StarToken DC REL-ID Gateway services   1. Login to 172.1.7.137 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **7** | Stop StarToken DC REL-ID Gateway services   1. Login to 172.1.7.138 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **8** | Stop StarToken NG DC Gateway Services   1. Login to 172.1.32.154 Server as root   Stop StarToken Gateway services cd /usr/local/uniken/  ./stop-all.sh |
| **9** | Stop StarToken DC Application services   1. Login to 172.1.2.122 Server as root   Stop Application services cd /usr/local/uniken/  ./stop-all.sh   1. Login to 172.1.30.12 Server as root 2. Stop NG Application services ./stop-all.sh |
|  | **Milestone-2: Perform Database Cut-Back** |
| **10** | Stop StarToken DR Database server   1. Login to 172.2.2.121 Server as root 2. Stop StarToken Database Server ./stop-postgres.sh |
| **11** | Run following command on DC to make 172.1.2.121 as MASTER NODE  su -c "repmgr -f /usr/local/uniken/database/local/repmgr/repmgr.conf --verbose standby promote" postgres |
| **12** | Run following command on DR to make 172.2.2.121 as SLAVE NODE  su -c "repmgr -f /usr/local/uniken/database/local/repmgr/repmgr.conf -D /usr/local/uniken/database/local/pgdata -d postgres -p 5432 -U repmgr -R postgres --verbose --force standby clone 172.1.2.121 " postgres |
| **13** | Verify whether the DC Database Server is accepting Database Connections or not   1. Login to 172.1.2.121 Server as root 2. Run following command psql tbdb trubank |
| **14** | Verify whether the DC Database Server is started as master   1. Login to 172.1.2.121 Server as root 2. Run following command ps aux | grep postgres | grep wal 3. The above command should return following kind of output postgres  16042  0.0  0.1 1223360 17264 ?       Ss   Apr14   0:02  \\_ postgres: wal writer process   postgres  36358  0.0  0.0 1224492 2504 ?        Ss   Apr15   2:17  \\_ postgres: wal sender process repmgr 172.2.2.121(56473) streaming 15/95F6D648  postgres  88567  0.3  0.0 1224492 2552 ?        Ss   09:04   0:27  \\_ postgres: wal sender process repmgr 172.2.2.121(56475) streaming 16/78A22A90 |
| **15** | Start DR StarToken Database server in slave mode   1. Login to 172.2.2.121 Server as root 2. Start StarToken Database services ./start-postgres.sh |
| **16** | Verify whether the DR Database Server is started as slave   1. Login to 172.2.2.121 Server as root 2. Run following command ps aux | grep postgres 3. The above command should return following kind of output root       2437  0.0  0.0 103244   876 pts/0    S+   11:04   0:00 grep postgres   postgres  27509  0.0  0.4 1222840 55072 ?       S    Apr14   0:08 /usr/local/uniken/database/pgbase-9.3.5/bin/postgres -D /usr/local/uniken/database/local/pgdata  postgres  27510  0.1  8.8 1223356 1073060 ?     Ss   Apr14   6:00 postgres: startup process   recovering 000000010000001600000078  postgres  27511  0.0  8.7 1223356 1065000 ?     Ss   Apr14   1:58 postgres: checkpointer process  postgres  27512  0.0  0.0 1223356 9388 ?        Ss   Apr14   0:10 postgres: writer process  postgres  27513  0.0  0.0 113484   868 ?        Ss   Apr14   1:04 postgres: stats collector process  postgres 130618  0.3  0.0 1230048 2084 ?        Ss   09:03   0:28 postgres: wal receiver process   streaming 16/78CA8E20 |
|  | **Milestone-3: Start All StarToken Services** |
| **17** | Start StarToken DC Application services   1. Login to 172.1.2.122 Server as root   Start StarToken Application services cd /usr/local/uniken/   1. ./start-all.sh dc 2. Login to **172.1.30.12** Server as root 3. Check and Confirm the **Pointing of Connect24 Connectivity Channel to the appropriate IP address** using below command. If change required then edit the below file   vim /usr/local/uniken/webapps/properties/datasource.properties  connect24.host=172.1.2.56  connect24.port=1981   1. Start StarToken NG Application services   ./start-all.sh   1. Enable Quick banking Monitoring cron   Service crond start  crontab –e  \*/15 \* \* \* \* cd /usr/local/uniken/QB-mon; sh check.sh; |
| **18** | Start StarToken DC REL-ID Gateway services   1. Login to 172.1.7.137 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh dc |
| **19** | Start StarToken DC REL-ID Gateway services   1. Login to 172.1.7.138 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh dc |
| **20** | 1. Login to StarToken NG Gateway 172.1.32.154 Server as root 2. Start StarToken Gateway services   cd /usr/local/uniken/  ./start-all.sh |
| **21** | Start StarToken DR Application services   1. Login to 172.2.2.122 Server as root 2. Start StarToken Application services ./start-apache-tomcat-webservice.sh dc ./start-apache-tomcat-admin.sh dc |

**Start Monitoring Scripts Database after Cutback**

1. NG-Quick Banking & Connect24 Pointing

These steps are to point the Quick Banking Service to appropriate Production Connect24 Channel.

DC Environment:

1. NG Quick Banking APP Server: 172.1.30.12
2. Connect24 Server - 172.1.2.56 , Port:- 1981

DR Environment:

1. NG Quick Banking APP Server: 172.2.30.6
2. Connect24 Server - 172.2.2.56, Port:- 1981
   1. Pointing to DC Connect24

Edit /usr/local/uniken/webapps/properties/datasource.properties using vim

vim /usr/local/uniken/webapps/properties/datasource.properties

Change ‘connect24.host’ to 172.1.2.56 and ‘connect24.port’ to 1981

Restart the Quick Banking Services

. ./init-vpsi-paths.sh

Cd webapps/

./restart-apache-tomcat-.sh

* 1. Pointing to DC Connect24

Edit /usr/local/uniken/webapps/properties/datasource.properties using vim

vim /usr/local/uniken/webapps/properties/datasource.properties

Change ‘connect24.host’ to 172.2.2.56 and ‘connect24.port’ to 1981

Restart the Quick Banking Services

. ./init-vpsi-paths.sh

cd webapps/

./restart-apache-tomcat.sh

1. SMS Gateway Server Pointing

These steps are to point the SMS Service to appropriate Production SMS Server Channel.

Before Pointing, be ready with the Production SMS Server Details:

DC Environment:

1. SMS Server - 172.1.7.173, Port:- 3306

DR Environment:

1. SMS Server - 172.2.32.139, Port:- 3306
   1. Pointing to DC SMS Gateway

Login to TMC 🡪 Config Management

Select - Server ID: STARTOKEN-DC and Application Name: SMSGatewayInterface

Locate-> Property: DBConnectionString and Change Value to 172.1.7.173

Select - Server ID: STARTOKEN-DR and Application Name: SMSGatewayInterface

Locate-> Property: DBConnectionString and Change Value to 172.1.7.173

* 1. Pointing to DR SMS Gateway

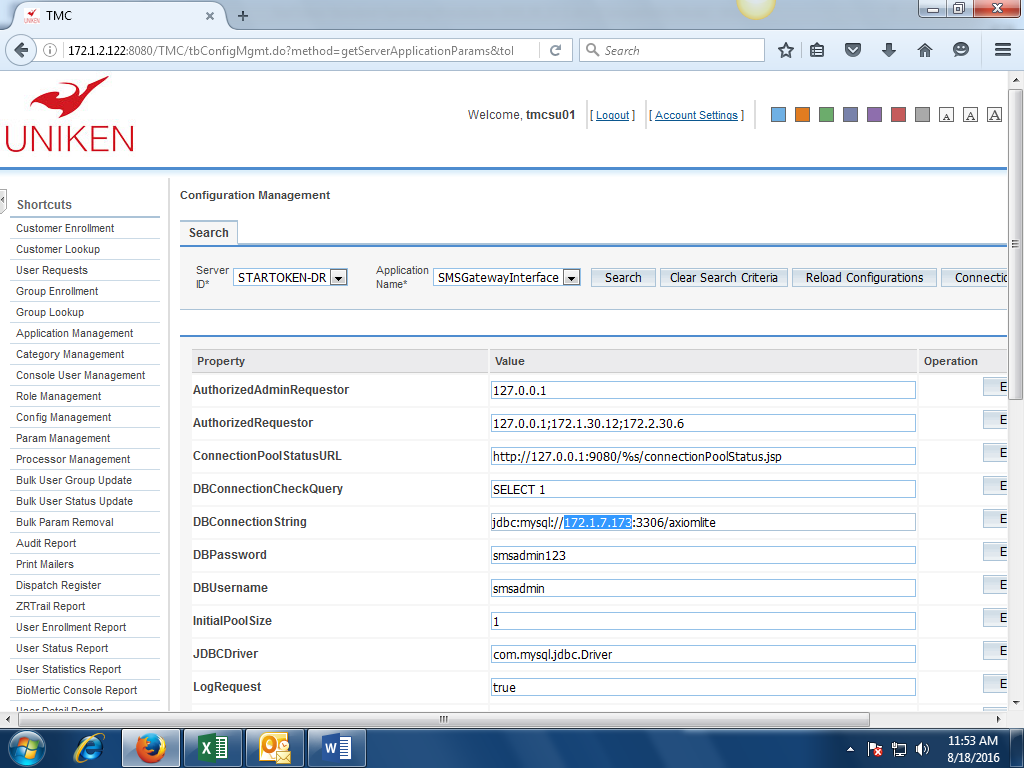
Login to TMC 🡪 Config Management

Select - Server ID: STARTOKEN-DC and Application Name: SMSGatewayInterface

Locate-> Property: DBConnectionString and Change Value to 172.2.32.139

Select - Server ID: STARTOKEN-DR and Application Name: SMSGatewayInterface

Locate-> Property: DBConnectionString and Change Value to 172.2.32.139



1. Post Check Activity

After made any changes in a production, DC-DR Drills below point required to check

* StarToken and StarToken NG login through internet machine
* Quick banking functionality of Balance enquiry, Mini Statement, Fund Transfer.
* Successful Login page of StarConnect
* SMS OTP delivery
* Login to internet banking from Normal browser
* Utility Bill payment
* IMT (Instant Money Transfer) facility

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