Release Notes for Steward Bank *MINI STATEMENT* Interface

***Project ID : Steward Bank***

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# Document Administration and History

## Version Control

| Date | Author | Version | Change Remarks |
| --- | --- | --- | --- |
| April 15,2020 | P V SattiBabu | 1.0 | Created |

## Document Location

| Document Owner | P V SattiBabu |
| --- | --- |
| Owner’s Department | **Steward Bank** |
| Location of Document | **Zimbabwe,Harare** |
| Master Hard Copy | **Project Library** |

## Abbreviations

| Abbreviation | Description |
| --- | --- |
| MiniStatement | MiniStatement |
| ISO | International Standard Organisation |
| T24 | Temenios |
| IIB | IBM Integration Bus |
| ESB | Enterprise Service Bus |
| MQ | IBM WebSphere Message Queues |
| JMS | JAVA Messaging Service |
| TCP | Transport Control Protocol |
| XML | Extensible Markup Language |

# Objective

This document covers the deployment instructions to deploy the MINI STATEMENT Interface/Service/Transaction using IBM Integration Bus(IIB).

# Deployment Guide

## ESB Deployment Steps

### *Pre-requisites*

| S.No. | Pre-requisites |
| --- | --- |
| 1 | *Ensure availability of below directories on ESB server:*  ForLinuxOS :/var/Steward/Log/  For Windows :  C:\Documents\Steward\Log |
| 2 | Ensure availability below queues:  MS\_SB\_REQ  RESPONSEQ  EXCEPTION  RAW\_AUDIT\_Q  ERROR\_AUDIT\_Q  POSTILION\_REQ\_INQ  POSTILION\_RES\_OUTQ  ZSS\_NOTIFICATION  ZSS\_RES  EXC\_Q |
| 3 | Ensure availability of Log4jConfigurationFile.xml &log4j.dtd under  ForLinuxOS : /var/Steward/Log/  For Windows OS :C:\Documents\Steward\Log |
| 4 | Ensure availability of  Log4jLoggingNode\_v1.2.1.jar,  jakarta-oro-2.0.4.jar,  log4j-1.2.8.jar under  For Linux : /var/mqsi/shared-classes  For Windows : C:\ProgramData\IBM\MQSI\shared-classes |
| 5 | Ensure Order of Deployment i.e  ESBPolicies  ISO8583\_Lib  StewardBankCommonEsql  StewardBankExceptionHandling  StewardBankT24Call  StewardBankRawAuditLogging  Simulators  StewardBankErrorLogging  StewardBankMiniStatement |
| 6 | If we want to read the properties of the generated Bar file. The command is :mqsireadbar -b C:\Users\Admin\IBM\ACET11\workspace\STEWARD\_PROJECT\BARfiles \BARfiles\Ministmt.bar-r  where C:\Users\ Admin \IBM\ACET11\workspace\STEWARD\_PROJECT\BARfiles \BARfiles\ Ministmt.bar is nothing but Bar file Location. |
| 7 | If we want to override the Bar file after changing the Properties on Queue or JMS queue properties or DSN renaming etc. The command is :  mqsiapplybaroverride -b C:\Users\Bobby\IBM\ACET11\workspace\STEWARD\_PROJECT\BARfiles \ Ministmt.bar -m Ministmt.sourceQueueName= MS\_SB\_REQ |

### *Backup*

| S.No. | Backup File and Location |
| --- | --- |
| 1 | Take backup of the following Interface bar files if already deployed to broker   * Ministmt*.bar* |

### *Files*

| S.No. | Files |
| --- | --- |
| 1 | Log4jLoggingNode\_v1.2.1.jar, jakarta-oro-2.0.4.jar & log4j-1.2.8.jar files required for log4j are jar files required for logging(log4j) |
| 2 | Log4jConfigurationFile.xml & log4j.dtd are the log4j configuration files required for logging. |
| 3 | Ministmt.bar is the binary to be deployed. |

*4.1.4Database Configuration*

| S.No. | Tables |
| --- | --- |
| 1 | * Data Source for Oracle Database is ORADSN. * CREATE TABLE "SYSTEM"."INTEGRATION\_SOL\_DETAILS"   ( "PROC\_CODE" VARCHAR2(20 BYTE),  "REQ\_QUEUE" VARCHAR2(20 BYTE),  "RES\_QUEUE" VARCHAR2(20 BYTE)  ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ;  REM INSERTING into SYSTEM.INTEGRATION\_SOL\_DETAILS  SET DEFINE OFF;  Insert into SYSTEM.INTEGRATION\_SOL\_DETAILS (PROC\_CODE,REQ\_QUEUE,RES\_QUEUE) values ('32', MS\_SB\_REQ ','RESPONSEQ'); |

### *4.1.5 Deployment Instructions*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | *Create required folders, queues and policies as mentioned in 4.1.1.* |
| 2 | *copy the required files as mentioned in 4.1.1* |
| 3 | *Deploy following bar to broker*   * Ministmt*.bar* |

### *4.1.6 VerifyingInstallation*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | *Check messages(broker user log) under /var/log while deployment. All the deployment and application logs are logged in this log file.* |
| 2 | Check Interface log file MINI\_STMTDebug.log for MINISTATEMENT related logs under  For Windows :C:\Documents\Steward\Log  For Linux : /var/Steward/Log/ |

### *4.1.7 Rollback Instructions*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | Remove the deployed bar files from the broker |
| 2 | Replace the bar files with the backup taken under 4.1.2.1 |

## DATABASE Deployment Steps

### *Pre-requisites*

| S.No. | Pre-requisites |
| --- | --- |
| 1 | *<Mention Pre-requisites required prior to deployment if applicable>* |
| 2 | * FOR T24 DataBase Table Details   CREATE TABLE "SYSTEM"."T24RESPONSE"  ( "MTIREQ" VARCHAR2(20 BYTE),  "MTIRES" VARCHAR2(20 BYTE),  "PCODE" VARCHAR2(20 BYTE),  "RESPONSE" BLOB  ) PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM"  LOB ("RESPONSE") STORE AS BASICFILE (  TABLESPACE "SYSTEM" ENABLE STORAGE IN ROW CHUNK 8192 RETENTION  NOCACHE LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)) ;  REM INSERTING into SYSTEM.T24RESPONSE  SET DEFINE OFF;  Insert into SYSTEM.T24RESPONSE (MTIREQ,MTIRES,PCODE) values ('0200','0210','31'); |

### *Backup*

| S.No. | Backup File and Location |
| --- | --- |
| 1 | *<Mention File Name and Location of Files to be Backed up>* |
| 2 |  |

### *Files*

| S.No. | Files |
| --- | --- |
| 1 | *<Mention all File Names part of this release>* |
| 2 |  |

### *Configuration*

| S.No. | Configuration Changes |
| --- | --- |
| 1 | *<Mention Steps for changing Configuration>* |
| 2 |  |

### *Deployment Instructions*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | *<Mention Steps to be followed for deployment >* |
| 2 |  |

### *Verifying Installation*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | *<Mention log and their path to be observed for successful deployment>* |
| 2 |  |

### *Rollback Instructions*

| S.No. | Deployment Instructions |
| --- | --- |
| 1 | *<Mention Steps to be followed for rollback >* |
| 2 |  |