**Document Name : KFH Internet Banking Migration Plan**

**Scheduled Date : 23 June 2011**

1. **Activities Before Cutover**

| **Date** | Activity | **Responsibility** |
| --- | --- | --- |
|  | Backup  At **kfhib04 (App Server 2)**   1. Backup “log-config.xml” at:   /opt/BV1TO1/appConfigs/bv\_framework/etc  and  /opt/BV1TO1/lib |  |

**Check List**

| **No** | Item | **Responsibility** |
| --- | --- | --- |
| 1. | At kfhib10, kfhib03, kfhib04, login as “bvadmin” |  |

**Related setup checklist**

| **No** | Item | **Modification** |
| --- | --- | --- |
| 1. | BVMC settings | - |
| 2. | Database | - |
| 3. | Config files deployment | / |
| 4. | ESB | - |
| 5. | Web Server (SMS) | - |

**Server IP**

| **Server** | **IP** |
| --- | --- |
| **kfhib03** | 10.20.208.1 |
| **kfhib04** | 10.20.208.4 |
| **Kfhib07** | 10.20.208.10 |
| **Kfhib10** | 10.20.203.13 |

1. **Implementation Plan**

| **Step** | **Duration** | Activity | **Remark** |
| --- | --- | --- | --- |
|  | 5 min | At **kfhib04 (App Server 2):**  Stop BV server   1. Login as “bvadmin” 2. cd /opt/BV1TO1/bin/ 3. Run ./stopServers.sh –stop exclude\_primary 4. cd /opt/BV1TO1/JBoss/server/bv\_framework2 5. Run ./shutdown\_BV.sh 6. cd /opt/BV1TO1/JBoss/server/bv\_framework3 7. Run ./shutdown\_BV.sh 8. Run ps –ef | grep /opt/BV1TO1/jdks and make sure all running process are successfully stopped. If not kill the 9. process(es). |  |
|  | 5 min | At **kfhib04 (App Server 2):**  Change the wrong DB password at config file:   1. Copy BV\_DB\_PASSWD value from “silent.properties” file at /opt/BV1TO1/ and paste it to BV\_DB\_PASSWD value inside file “bvtoolEnv.sh” at /opt/BV1TO1/var/appConfig/bv\_framework/etc/   and  /opt/BV1TO1/var/ |  |
|  | 3 min | At **kfhib04 (App Server 2):**  Change the log file to enable the debugging   1. Rename file log-config.xml to log-config.BAK.xml at directory /opt/BV1TO1/lib 2. And rename file log-config-debug.xml to log-config.xml at directory /opt/BV1TO1/lib 3. Rename file log-config.xml to log-config.BAK.xml at directory /opt/BV1TO1/appConfigs/bv\_framework/etc 4. And rename file log-config-debug.xml to log-config.xml at directory /opt/BV1TO1/appConfigs/bv\_framework/etc |  |
|  | 5 min | At **kfhib04 (App Server 2):**  Deploy the config changes   1. Login as “bvadmin” 2. cd /opt/BV1TO1/bin 3. Run . ./setEnv.sh 4. Run ./bvtool deploy-config –no-res |  |
|  | 10 min | At **kfhib04 (App Server 2):**  Delete cache   1. Delete all folders inside these directories:  * /opt/BV1TO1/JBoss/server/bv\_framework2/work/jboss.web/localhost/ * /opt/BV1TO1/Jboss/server/bv\_framework3/work/jboss.web/localhost/ |  |
|  | 15 min | At **kfhib04 (App Server 2):**  Backup nohup.out log   1. Backup the existing file “nohup.out” at “/opt/BV1TO1/Jboss/server/bv\_framework2” and “/opt/BV1TO1/Jboss/server/bv\_framework3”   Start BV server   1. cd /opt/BV1TO1/Jboss/server/bv\_framework2 2. Backup the previous file “nohup.out “(if exist) 3. Run nohup ./run\_BV.sh & 4. Run tail –f nohup.out and wait for it to startup completely (Successfully startup timer) 5. cd /opt/BV1TO1/Jboss/server/bv\_framework3 6. Backup the previous file “nohup.out “(if exist) 7. Run nohup ./run\_BV.sh & 8. Press <enter>. Run tail –f nohup.out and wait for it to startup completely (Successfully startup timer) 9. cd /opt/BV1TO1/bin/ 10. Run ./startServers.sh –start exclude\_primary |  |
|  | 10 min | Test at browser:   1. Clear cache at intenet browser 2. Open this site in browser:   kfh\_consumer:   * <http://kfhib04:7210/kfh_consumer> * <http://kfhib04:7310/kfh_consumer>   kfh\_bib:   * <http://kfhib04:7210/kfh_bib> * <http://kfhib04:7310/kfh_bib>   kfh\_corus:   * <http://kfhib04:7210/kfh_corus> * <http://kfhib04:7310/kfh_corus> |  |
|  | 5 min | At **kfhib04 (App Server 2):**  Stop BV server   1. Login as “bvadmin” 2. cd /opt/BV1TO1/bin/ 3. Run ./stopServers.sh –stop exclude\_primary 4. cd /opt/BV1TO1/JBoss/server/bv\_framework2 5. Run ./shutdown\_BV.sh 6. cd /opt/BV1TO1/JBoss/server/bv\_framework3 7. Run ./shutdown\_BV.sh 8. Run ps –ef | grep /opt/BV1TO1/jdks and make sure all running process are successfully stopped. If not kill the 9. process(es). |  |
|  | 3 min | At **kfhib04 (App Server 2):**  Change the log file to disable the debugging   1. Rename file log-config.xml to log-config.BAK.xml at directory /opt/BV1TO1/lib 2. And rename file log-config-debug.xml to log-config.xml at directory /opt/BV1TO1/lib 3. Rename file log-config.xml to log-config.BAK.xml at directory /opt/BV1TO1/appConfigs/bv\_framework/etc 4. And rename file log-config-debug.xml to log-config.xml at directory /opt/BV1TO1/appConfigs/bv\_framework/etc |  |
|  | 5 min | At **kfhib04 (App Server 2):**  Deploy the log debug config changes   1. Login as “bvadmin” 2. cd /opt/BV1TO1/bin 3. Run . ./setEnv.sh 4. Run ./bvtool deploy-config –no-res |  |
|  | 10 min | At **kfhib04 (App Server 2):**  Delete cache   1. Delete all folders inside these directories:  * /opt/BV1TO1/JBoss/server/bv\_framework2/work/jboss.web/localhost/ * /opt/BV1TO1/Jboss/server/bv\_framework3/work/jboss.web/localhost/ |  |
|  | 15 min | At **kfhib04 (App Server 2):**  Backup nohup.out log   1. Backup the existing file “nohup.out” at “/opt/BV1TO1/Jboss/server/bv\_framework2” and “/opt/BV1TO1/Jboss/server/bv\_framework3”   Start BV server   1. cd /opt/BV1TO1/Jboss/server/bv\_framework2 2. Backup the previous file “nohup.out “(if exist) 3. Run nohup ./run\_BV.sh & 4. Run tail –f nohup.out and wait for it to startup completely (Successfully startup timer) 5. cd /opt/BV1TO1/Jboss/server/bv\_framework3 6. Backup the previous file “nohup.out “(if exist) 7. Run nohup ./run\_BV.sh & 8. Press <enter>. Run tail –f nohup.out and wait for it to startup completely (Successfully startup timer) 9. cd /opt/BV1TO1/bin/ 10. Run ./startServers.sh –start exclude\_primary |  |
|  | 10 min | Test at browser:   1. Clear cache at intenet browser 2. Open this site in browser:   kfh\_consumer:   * <http://kfhib04:7210/kfh_consumer> * <http://kfhib04:7310/kfh_consumer>   kfh\_bib:   * <http://kfhib04:7210/kfh_bib> * <http://kfhib04:7310/kfh_bib>   kfh\_corus:   * <http://kfhib04:7210/kfh_corus> * <http://kfhib04:7310/kfh_corus> |  |

1. **Fallback Plan**

| **Date** | **Duration** | Activity | **Responsibility** |
| --- | --- | --- | --- |
|  | 35 min | At **kfhib03 (App Server 1):**   1. Follow Step 1 to stop BV servers 2. Restore the **backup** file of “log-config.xml” to “/opt/BV1TO1/lib”   And  “/opt/BV1TO1/appConfigs/bv\_framework/etc”   1. Follow step 4 to Deploy the config changes 2. Follow Step 5 to delete cache 3. Follow Step 6 and 7 to start BV servers |  |

1. **Standby List**

**Standby Period: 9:00am – 6:00pm**

**Technical Support**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Contact** | **Responsibility Area** | **Standby Mode** | **Location** |
|  |  |  |  |  |

**User Support**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Contact** | **Responsibility Area** | **Standby Mode** | **Location** |
|  |  |  |  |  |

**Vendor Support**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Contact** | **Responsibility Area** | **Standby Mode** | **Location** |
| Darsy Sarinah | 012-5541140 | BV Application | Onsite | - |
| Mohd Hazri | 013-3531001 | Application & Oracle Server | Onsite | - |
| Vincent | 012-5326884 | Application Server | Onsite |  |