**ISIGN PROFILE**

**MODIFICATION TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Page** | **Content** | **Register date** |
| 1 | all | **Updated profile for all ISIGN** | 07/01/2021 |
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| **Prepared by** | **Updated by** | **Verified by** | **Approved by** |
| XXXXX  **IT Operation Staff** | **IT Operation** | XXXXXXX  **Chief of IT department** | XXXXXXX  **Vice Director of IT** |

1. **SYSTEM OVERVIEW**
   1. **Project Name:** ISIGN
   2. **Developed by:** PARTNER  BITEL (IN-HOUSE)
   3. **Service Owner:**  ARABICA
   4. **Description**
   * ISign system provides a feature to customer show their signature on their call

1. **LOGICAL MODEL**
   1. **Logical diagram**



**Function Diagram**



**Implementation Diagram**

* 1. **Modules description**
     1. NotifyProcess (Isign Core)

Push USSD signature to subscriber

* + 1. Webservice (Isign API)

Modules process request from subscriber over MPS

* + 1. CMS

Lookup transaction log and service report

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Module** | **Description** | **IP server** | **Setup dir** | **Config dir** | **Log path** | **MM Port** | **Mode** |
| NotifyProcess-01 | Push USSD signature to subscriber | 10.121.5.98 | /u01/app/isign/NotifyProcess/bin | /u01/app/isign/NotifyProcess/etc | /u01/app/isign/NotifyProcess/log |  | Active |
| NotifyProcess-02 | Push USSD signature to subscriber | 10.121.5.99 | /u01/app/isign/NotifyProcess/bin | /u01/app/isign/NotifyProcess/etc | /u01/app/isign/NotifyProcess/log |  | Active |
| Webservice | Process request from subscriber over MPS | 10.121.5.98 | /u01/app/isign/webservice/bin | /u01/app/isign/webservice/etc | /u01/app/isign/webservice/log |  | Active |
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1. **DATABASE MODEL**

**PROVIDE FULL DB DETAIL: DB, Schemas, Tables, among other dependencias (procedurs, packages, triggers, views, functions, etc)**

* 1. **Database description**

|  |  |  |  |
| --- | --- | --- | --- |
| **N°** | **Application** | **DB** | **Description** |
| 1 | ISIGN | 10.121.6.88  10.121.6.90 | Schema: *isign*  Service name: *vaspub*  Url: *jdbc:oracle:thin:@(DESCRIPTION =(ADDRESS\_LIST=(ADDRESS = (PROTOCOL = TCP)(HOST = 10.121.6.88)(PORT = 1521)) (ADDRESS = (PROTOCOL = TCP)(HOST = 10.121.6.90)(PORT = 1521))(FAILOVER=on) (LOAD\_BALANCE=on)) (CONNECT\_DATA =(FAILOVER\_MODE=(TYPE=select)(METHOD=basic)(RETRIES=20)) (SERVER = SHARED)(SERVICE\_NAME = vaspub)))* Tables: 1) REGISTER: Holds all active registration information of subscriber 2) REGISTER\_HIS: Holds all history registration information of subscriber  3) CUS\_SIGNATURE: Holds all active signature information of subscriber  4) CUS\_SIGNATURE\_HIS: Holds all history signature information of subscriber  5) CHARGE\_HIS: Holds all history charging information of subscriber  6) PUSH\_HIS: Holds all history pushing signature of subscriber  7) DAILY\_REPORT: Holds all daily report information |

1. **Connection Descriptions**

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| --- | --- | --- | --- |
| **N°** | **From** | **To** | **Protocol** |
| 1 | ISIGN  10.121.5.98  10.121.5.99 | USSDGW  10.121.5.10 | 9700\_TCP |
| 2 | CALLBASE  10.121.5.96  10.121.5.97 | ISIGN  10.121.5.98  10.121.5.99 | 8000-10000\_TCP |
| 3 | ISIGN  10.121.5.98  10.121.5.99 | DB  10.121.6.88  10.121.6.90 | 1521\_TCP |
| 4 | MPS | ISIGN  10.121.5.98  10.121.5.99 | 8088\_TCP |
| 5 | ISIGN  10.121.5.98  10.121.5.99 | SMSWS (MPS)  10.121.8.87 | 9201\_TCP |

1. **SIZING**
   1. **ISIGN: 02 server application**

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| --- | --- | --- | --- |
| **Server** | **Resource** | **Description** | **Qty** |
| 10.121.5.98 | CPU | Intel(R) Xeon(R) CPU E5-2630 v3 @ 2.40GHz | 1 |
| Cores | 6 | 1 |
| Ram | 32 GB | 1 |
| HDD | 500 GB | 1 |
| 10.121.5.99 | CPU | Intel(R) Xeon(R) CPU E5-2630 v3 @ 2.40GHz | 1 |
| Cores | 6 | 1 |
| Ram | 32 GB | 1 |
| HDD | 500 GB | 1 |

1. **OPERATION MANUAL**

**NotifyProcess**

* 1. **Start**
* cd /u01/app/isign/NotifyProcess/bin
* ./process start  
  1. **Stop**
* cd /u01/app/isign/NotifyProcess/bin
* ./process stop
  1. **Restart**
* cd /u01/app/isign/NotifyProcess/bin
* ./process restart
  1. **Check Log**
* cd /u01/app/isign/NotifyProcess/log
* tail -f full.log

**Webservice**

* 1. **Start**
* cd /u01/app/isign/webservice/bin
* ./process start  
  1. **Stop**
* cd /u01/app/isign/webservice/bin
* ./process stop
  1. **Restart**
* cd /u01/app/isign/webservice/bin
* ./process restart
  1. **Check Log**
* cd /u01/app/isign/webservice/log
* tail -f full/full.log

1. **DDITIONAL INFORMATION**

**Language:** Java

**Support High Availability:** YES

1. **OPERATIONAL SUPPORT SERVICE**

If the responsible finds that the issue cannot be solved at their level, then it should be escalated to the next level and they can work on it for the allotted time.

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| **ESCALATION MATRIX** | | | | |
| **Level** | **Responsible** | **Time Response** | **Contact** | **Description** |
| **L1** | Check the progress | <=1.5 hours | Mr. Hoi, hoihoang@arabicatech.vn | coordinate support to build more nodes, check whether the process is suspended or not |
| **L2** | Check for errors related to software, source code | <=1.5 hours | Mr. Hung, cto@arabicatech.vn | Collaborate to check for software-related errors, if any |