**CERTIFICATON REQUIREMENT:**

* **Card Reader**
* **Cards**
* **Chip Card**
* **Magnetic strip card**
* **Pos Terminal Machine**
* **Card Details – Card Number , Date expiry , cvv**
* **EMV Card Details**
* **Domestic Scheme – Support Domestic Transaction**
* **International Scheme – International Transaction**
* **Channel specific – ATM,POS(STIP,EMV,…)**
* **Onboarding Portal**
* **Merchant on boarding**
* **AcqSimulator**
* **Permitted Txn types for Certification are listed below**

* **Purchase**
* **Cash withdrawal**
* **Fund transfer**
* **Cash Deposit**
* **Balance Enquiry**
* **Mini Statement**
* **ECOM**
* **EMV**
* **STIP**
* **Biometric Authentication**
* **Demographic**
* **EKYC**
* **OTP**
* **EMI**
* **VIP Card**
* **Negative Card**
* **HSM – Hardware Security Module (pin encryption) – Key Infrastructure**
* **Customer registration**
* **Customer registration process**
* **customer Compliance**
* **Clearing & Settlement (Dispute Life cycle) -Domestic**
* **Clearing & Settlement (Dispute Life Cycle) -International**
* **Fund Movement**
* **Report Generation**
* **License/ Agreement**
* **Sign Off Document**

**ACQUIRING REQUIREMENT:**

* **Card Reader**
* **Cards**
* **Chip Card**
* **Magnetic strip card**
* **Pos Terminal Machine**
* **Card Details – Card Number , Date expiry , cvv**
* **EMV Card Details**
* **HSM – Hardware Security Module (pin encryption)**
* **AcqSimulator**
* **License/ Agreement**
* **Sign Off Document**

**ISSUING :**

**Direction route just approve the transaction using simulator assigned for issuing**

* **IssSimulator**
* **License/ Agreement**
* **Sign Off Document**

**BANK REQUIREMENT LIST:**

Bank Connectivity

SERVER- Smart Edge CLIENT – Bank

* Server allocates the IP and Port to connect into client
* **White-listing** : Server IP ,port, Client IP should be whitelisted
* Confirm both side ip's are whitelisted at Server & Client end
* Check port is listen Mode by doing sign on

**SERVER DETAILS:** (Volume should be decided based on transaction set)

* Switch Application Server
* Database Server(Open source.licence) like Mysql,oracle

SERVER1 : Development

SERVER2 : Internal Testing

SERVER3 : certification

SERVER4 : production

SERVER5 : Sale for other

**SERVER SETUP:**

* Mount creation for Load balancer
* Mount creation for switch application (node1- Server, node2 -Server)
* Rsync on node 1 and node 2 server
* Switch Configuration
* DB connectivity user
* DB configuration
* **.**profile (Alias)
* Ora file (Db details)
* Osite Configuration (port Configuration for acq an issuer detail)

NOTE:

* Maintenance : Database Server & Switch application server should be maintained in different zone (different WLAN)
* Switch should support ISO Formats

**BANK REQUIREMENT LIST:**

Bank Connectivity

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* Check port is listen Mode by doing sign on

**TEST APPLICATION**

FINSIM Simulator

JCB Simulator

BOSS Simulator

Simulator can act as Acq and Iss as per the Requirement