# Disaster Recovery Runbook for Enterprise Payments Hub (EPH)

## 1. Application Overview

- \*\*Application Name:\*\* Enterprise Payments Hub (EPH)

- \*\*Function:\*\* Processes all incoming and outgoing electronic payments, including SWIFT, RTGS, and local transfers.

- \*\*Criticality:\*\* Tier 1 (Business Critical)

## 2. Key Contacts

- \*\*Application Owner:\*\* Jane Doe (jane.doe@examplebank.com)

- \*\*Technical Lead:\*\* John Smith (john.smith@examplebank.com)

- \*\*DR SPOC:\*\* dr.team@examplebank.com

## 3. Infrastructure Details

### Primary Site (DC1)

- \*\*Application Servers:\*\*

- eph-app-p1 (Hostname), 10.10.1.10 (IP)

- eph-app-p2 (Hostname), 10.10.1.11 (IP)

- \*\*Database Server:\*\*

- eph-db-p (Hostname), 10.10.2.15 (IP)

- \*\*Port:\*\* 1521 (Oracle)

- \*\*Startup Script:\*\* `/opt/eph/scripts/start\_eph\_services.sh`

- \*\*Shutdown Script:\*\* `/opt/eph/scripts/stop\_eph\_services.sh`

### Secondary Site (DC2 - DR)

- \*\*Application Servers:\*\*

- eph-app-s1 (Hostname), 10.20.1.10 (IP)

- eph-app-s2 (Hostname), 10.20.1.11 (IP)

- \*\*Database Server:\*\*

- eph-db-s (Hostname), 10.20.2.15 (IP)

- \*\*Port:\*\* 1521 (Oracle)

- \*\*Startup Script:\*\* `/opt/eph/scripts/start\_eph\_services.sh`

- \*\*Shutdown Script:\*\* `/opt/eph/scripts/stop\_eph\_services.sh`

## 4. System Dependencies

- \*\*Core Banking (Temenos):\*\* EPH reads account balance information. Connects to `temenos-db-p` (10.10.3.20) on port 5432.

- \*\*Cards (Vision Plus+):\*\* EPH sends transaction details for card-related payments. Connects to `vplus-api-p` (10.10.4.30) on port 8443.

## 5. Failover Procedure

1. Confirm Primary site is down.

2. Break DB replication from Primary to Secondary.

3. Promote `eph-db-s` to be the master database.

4. Run startup scripts on `eph-app-s1` and `eph-app-s2`.

5. Update DNS records to point `eph.examplebank.com` to the DR load balancer IP.

6. \*\*Failover Script:\*\* `ssh dr-admin@10.20.0.5 "/opt/dr/scripts/failover\_eph.sh"`