

ESB Failover Runbook (2025-04-28)

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Scope

ESB failover activities covering:

- database alignment
- filesystem copy
- backups
- Netscaler and DNS coordination

Tags: #esb #failover #runbook

Stakeholders

- Netscaler: Francisco Jose Vano Reig, Ignacio Azagra Miralles, Raoul Amodio
- ESB Dev: Siva Pokuri, Saurav Datta
- Decision maker: Baha Al Attia

Database alignment

Status: Completed

Tool used: HeidiSQL

Tables exported:

- activemq
- esb
- regdbam
- regdbcore

Primary DB host:

- un-api-p-db-001.edcv.un.org

Filesystem copy

Source paths:

- /opt/software/misc-files
- /opt/software/misc-folders

Primary cluster hosts:

- un-api-p-cl-001.edcv.un.org
- un-api-p-cl-002.edcv.un.org
- un-api-p-cl-003.edcv.un.org

Recovery cluster hosts:

- un-api-r-cl-001.edc.un.org
- un-api-r-cl-002.edc.un.org
- un-api-r-cl-003.edc.un.org

Connectivity checks:

```
nc -zv un-api-r-cl-001.edc.un.org 22
nc -zv un-api-r-cl-002.edc.un.org 22
nc -zv un-api-r-cl-003.edc.un.org 22
```

Copy + ownership commands:

```
# un-api-r-cl-001.edc.un.org
scp -r /opt/software/misc-folders/ "GLOBAL\\crodrigo2"@un-api-r-cl-001.e
chown -R oictadmin:oictadmin misc-f*
```

```
# un-api-r-cl-002.edc.un.org
scp -r /opt/software/misc-files/ "GLOBAL\\crodrigo2"@un-api-r-cl-002.edc
chown -R oictadmin:oictadmin misc-f*
```

```
# un-api-r-cl-003.edc.un.org
scp -r /opt/software/misc-files/ "GLOBAL\\crodrigo2"@un-api-r-cl-003.edc
chown -R oictadmin:oictadmin misc-f*
```

Backup requirements

Also back up:

- WSO2 folders
- Fuse folders

Netscaler

Service:

- api.un.org

Referenced IP visuals existed in source note (inline screenshots were not imported).

DNS

Action owner: Siva

Action:

- Contact team in New York for DNS verification/changes.

Open follow-ups

- Attach/export SQL script used in DB alignment (missing in source).
- Capture explicit cutover/rollback validation checks.