

## IMPACT & IMPLEMENTATION REPORT (WA) – SUMMARY SECTION

(For AEMO to complete and administer)

<b>Procedure Change Number</b>	IN034/16W		
Impacted jurisdiction(s)	Western Australia		
Proponent	Danny McGowan	Company	AEMO
Industry consultative forum(s) used	Procedure Change Committee (“PCC”)	Date concluded by Procedure Change Committee (“PCC”)	7/12/16
Procedure change ranking (as per Chapter 9): <ul style="list-style-type: none"> <li>▪ Non-substantial</li> <li>▪ Low impact</li> <li>▪ High impact</li> </ul>	Low Impact		
Short description of change(s)	Self Service initiative to FRC HUB Certification process.		
Procedure(s) or documentation impacted	Connectivity Testing and Technical Certification (SA and WA) Specification Pack Usage Guidelines FRC Hub Participant User Guide <sup>1</sup>		
Summary of the change(s)	<p>During participant certification, constant handover between the participant and AEMO is causing significant delays. This is causing delays in participants going live. To streamline the process AEMO’s certification responder were recently enhanced to support a self-service feature.</p> <p>Attachment A, B and C is an extract from the relevant section of the Connectivity Testing and Technical Certification (SA and WA) document, Specification Pack Usage Guidelines and FRC Hub Participant User guide showing the marked up changes. See section 1 of this IIR for a more detailed explanation of the changes.</p> <p>This IIR has been prepared in accordance with clause 397 of the Retail Market Procedure (RMP) and is raised for consideration by gas retail market participants as a low impact procedure change. As per clause 399A (1) (a) (ii) AEMO now seeks submissions on the proposed changes which can be e-mail to <a href="mailto:pccwa@aemo.com.au">pccwa@aemo.com.au</a>.</p>		
I&IR prepared by	Danny McGowan	Approved by	Violette Mouchaileh
Date IIR published	1/01/17	Date consultation concludes	14/02/17
Contact address for written responses	GPO Box 2008, Melbourne VIC 3001		
Email address for responses	<a href="mailto:pccwa@aemo.com.au">pccwa@aemo.com.au</a>		

<sup>1</sup> FRC Hub Participant User Guide is a reference document only and is not part of the AEMO Retail Market Scheme and is therefore not subject to the approval of the Western Australian Economic Regulation (ERA) Authority. It is included in the IIR to further explain the proposed change.



Other key contact information	
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## IMPACT & IMPLEMENTATION REPORT (WA) – DETAILED REPORT SECTION

### CRITICAL EXAMINATION OF PROPOSAL

<p>1. Description of change(s) and reasons for change(s)</p>	<p>The proposed changes contained in this IIR were developed by AEMO and raised for discussion as a Gas Market Issue (“GMI”) at the Procedure Change Committee (PCC) meeting on 07/12/16. At that meeting, the PCC endorsed the proposed amendments as described in attachment A as a low impact procedure change and in accordance with clause 394(4) of the RMP (WA) recommends that AEMO accept the proposed changes.</p> <p><b>Reasons why the proposed changes are needed:</b></p> <p>AEMO certification responder is an IT testing tool that enables AEMO and participants to test whether transactions are appropriately configured before deploying IT changes into production systems. Currently the existing process to administer certification is time consuming which can cause delays in participants going live with systems changes.</p> <p><b>Description of the proposed changes:</b></p> <p>To resolve such delays AEMO’s has developed a new optional feature to support a self-service process. This new feature is now operational and the changes in this proposal is to update the documentation to reflect this new feature. The documentation changes are:</p> <p>Amend Connectivity Testing and Technical Certification (SA and WA) to:</p> <ul style="list-style-type: none"> <li>• Include self-service certification feature in ‘Certification Pre-requisites’</li> <li>• Modify certification process diagram and description</li> </ul> <p>Amend Specification Pack Usage Guidelines to:</p> <ul style="list-style-type: none"> <li>• In section 2 (Overview of the AEMO Specification Pack) update the version numbers of the documents that are being amended.</li> </ul> <p>Amend FRC Hub Participant User Guide to:</p> <ul style="list-style-type: none"> <li>• Include self-service certification feature in ‘Responders’, ‘Certification’ sections and Appendix A</li> <li>• Remove ‘Disaster Recovery Provisions’ diagram from Appendix C</li> </ul> <p>There a no further changes to any of AEMO or market participants IT WA gas retail market systems.</p> <p>Subject to the appropriate approval being obtained, the proposed amendments are to be published in a new version 3.6 the Connectivity Testing and Technical Certification (SA and WA), version 6.4 of the Specification Pack Usage Guidelines, and version 9.0 FRC Hub Participant User Guide that are targeted to take effective on 31/03/17.</p>
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<p>2. Reference documentation</p> <ul style="list-style-type: none"> <li>▪ Retail Market Procedure (the “Procedures”);</li> <li>▪ AEMO Business/Information Specification Pack Reference; and/or</li> <li>▪ Other Reference.</li> </ul>	<p>Connectivity Testing and Technical Certification (SA and WA) Specification Pack Usage Guidelines FRC Hub Participant User Guide</p>
<p>3. The high-level details of the change(s) to the existing Procedure This includes:</p> <ul style="list-style-type: none"> <li>▪ a comparison of the existing operation of the Procedure to the proposed change to the operation of the Procedure; and</li> <li>▪ a marked up version of the proposed Procedure changes (see Attachment A)</li> </ul>	<p>As indicated in section 1, the proposed changes in this IIR is to add further clarity to the Connectivity Testing and Technical Certification (SA and WA) document, Specification Pack Usage Guidelines and FRC Hub Participant User Guide. The precise amendments are detailed in Attachment A, B and C.</p>
<p>4. Explanation regarding the order of magnitude of the change (e.g. material, non-material or non-substantial)</p>	<p>The impact of the proposed amendments as described in this IIR are considered to be ‘low impact’ because the amendments:</p> <ul style="list-style-type: none"> <li>a) Do not materially impact the information technology systems of AEMO, participants, pipeline operators or prescribed persons;</li> <li>b) Do not materially alter consumer protection mechanisms under the Procedures; and</li> <li>c) Do not have a material commercial impact on AEMO, participants, pipeline operators or prescribed persons.</li> </ul>

<b>ASSESSMENT OF LIKELY EFFECT OF PROPOSAL</b>	
<p>5. Overall Industry cost/benefit analysis (tangible / intangible / risk) and/or cost estimates</p>	<p>AEMO will not incur any implementation cost or ongoing cost associated with the proposed procedure change. At the PCC held on 7/12/16 no gas retail market participants indicated that they would incur costs as a result of this change. AEMO considers that the likely benefit for industry is the bottleneck on FBSAdmin is removed, this should result in a much quicker turnaround time for certification.</p>
<p>6. The likely effect of the change(s) on stakeholders (e.g. industry or end-users)</p>	<p>There is no impact on any Market Participants as this is a documentation change only. Should the change be approved, AEMO will need to update the documentation noted above and publish the new version on its website.</p>

7. Testing requirements	There are no testing requirements.
8. Consideration of the recommended Procedure change by AEMO under Rule 399.  AEMO must either: <ul style="list-style-type: none"> <li>▪ endorse the recommended Procedure change; or</li> <li>▪ reject the recommended Procedure change</li> </ul>	In accordance with clause 394(5) AEMO has considered the proposed amendment and determined to accept the PCC recommendation. In accordance with clause 396(5) AEMO agrees with the PCC assessment that this change a low impact procedure change.
9. Consultation forum outcomes (e.g. the conclusions made on the change(s), whether there was unanimous approval, any dissenting views)	At its meeting on 07/12/16, the PCC discussed the GMI developed by AEMO that outlined the proposed amendments. PCC unanimously agreed to recommend the proposed changes to AEMO as a low impact procedure change.
10. Authorisation review: <ul style="list-style-type: none"> <li>▪ does this Procedure change impact the ACCC authorisation?</li> </ul>	<p>The Australian Competition and Consumer Commission (ACCC) granted Authorisations to REMCo to operate Chapter 5 (Allocation, Reconciliation and Swing) and Chapter 6 (Compliance and Interpretation) of the RMPs and associated ancillary deeds. The ACCC approved variations to the Authorisations to enable REMCo to transfer administration to AEMO.</p> <p>Authorisation is a process where the ACCC may grant protection from legal action for anti-competitive conduct that might otherwise breach the Competition and Consumer Act 2010 (the CCA) where there is an offsetting public benefit from the conduct.</p> <p>Changes to the RMP Chapters and ancillary deeds covered by the Authorisations must be assessed to determine whether the change impacts the Authorisation.</p> <p>Because the change relates to the Specification Pack change and not the Procedures, a review of the ACCC authorisation is not required.</p>

<p>11. Should the proposed Procedure change be made, (with or without amendments)?</p>	<p>AEMO recommends that the proposed amendments as described in this IIR should be made without further amendments</p>
<p>12. If applicable, a proposed effective date for the proposed Procedure change(s) to take effect and justification for that timeline.</p>	<p>The proposed amendments are to be published in a new version documentation that is targeted for an effective date of 31/03/17.</p>

**ATTACHMENT A – DOCUMENTATION CHANGES (SEE SECTION 3)**  
**Connectivity Testing and Technical Certification**  
**Blue represents additions Red and strikethrough represents deletions – Marked up changes**

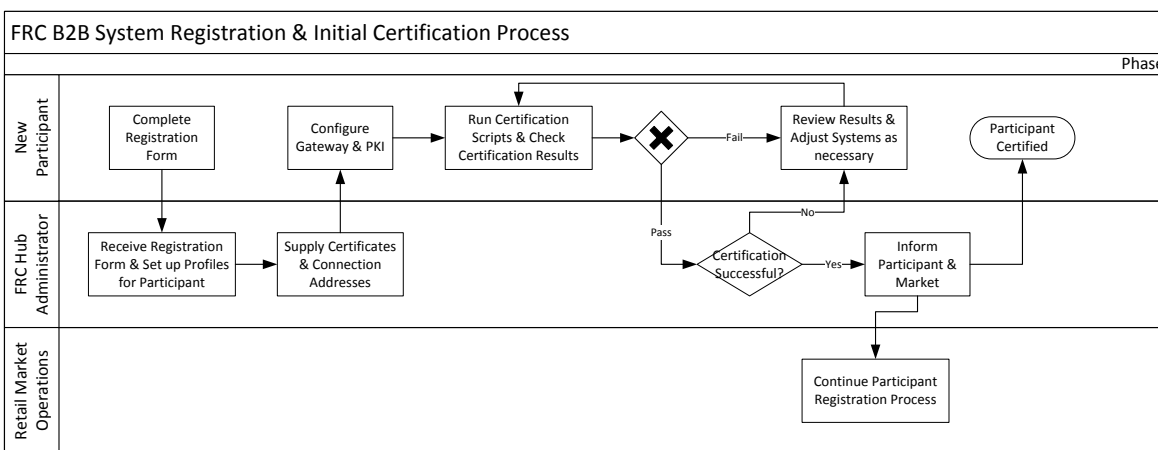
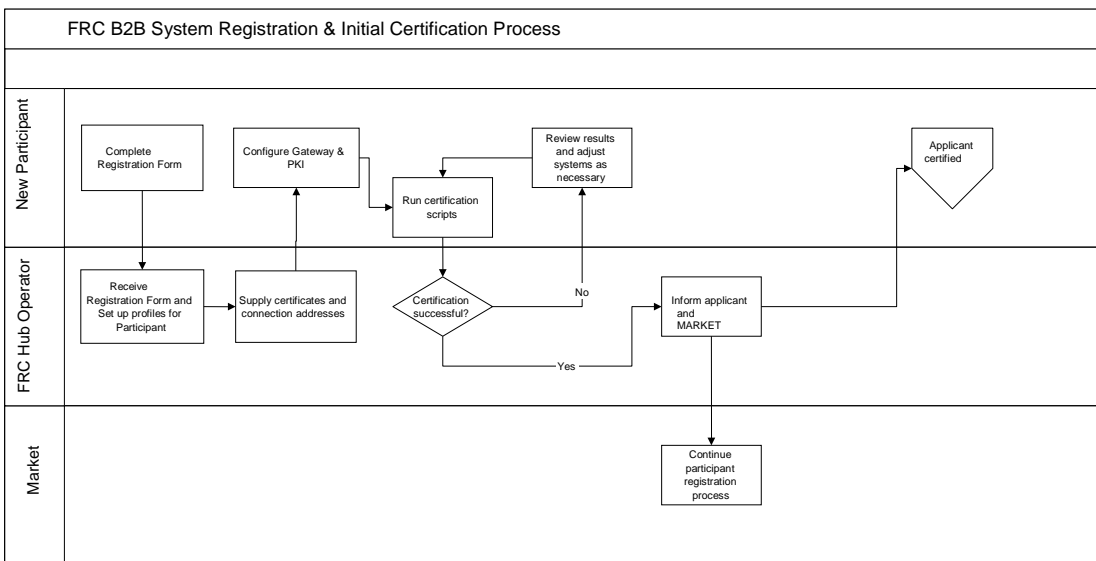
As per clause 378B(a) of the RMP, the following is the proposed procedure change and any applicable alternative amendments as marked-up changes to the text of the procedures.

**Red strikethrough** means delete and **blue underline** means insert

### 1.2 Certification Pre-requisites

Applicants will need to create and register a test gateway and back end system, and connect it to the FRC Gas Test Hub to enable certification to take place. Instructions for gateway registration and connection are contained in the FRC Gas Hub Participant User Guide, available on the AEMO website at <http://www.aemo.com.au/-/media/Files/PDF/FRC-Hub-Participant-User-Guide.ashx> ~~www.aemo.com.au/retailops/0700-0039.pdf~~

### 1.3 Certification Processes



### 1.3.1 New Participant Certification

Applicants will follow these steps to be eligible for certification:

- Applicants will obtain the AEMO Specification Pack and Information Pack containing process flows, interface definitions and details of system architecture from AEMO;
- Applicants will obtain an FRC Gas Hub Participant User Guide and Registration Form from AEMO;
- Applicants connect their test gateway to the FRC ~~Test~~ [PreProduction](#) Hub. The FRC Hub Operator will make available a 'Sandpit' environment for preliminary testing prior to formal certification on the Certification Responder;
- Two stages of formal testing will be conducted by the applicant. These stages are described as Window 1 (messaging capability) and Window 2 (transaction capability). ~~An applicant will need to have successfully completed Window 1 before commencing Window 2;~~
- The applicant ~~should notify the FRC Hub Operator of the time at which the applicant plans to undertake certification;~~ [can commence certification at any time;](#)
- Once the applicant has completed ~~either~~ [both](#) of the Windows [\(where required\), they must first check the certification has passed via the Certification Checker, and should note the start and end time of the certification run so transactions/messages can be analysed later; it must notify the FRC Hub Operator of the time at which it started and stopped sending transactions for certification ; and](#)
- [The Participant should then request a final review by FBSAdmin via email to Support Hub; and](#)
- The FRC Hub Operator will then analyse the results of the process and will issue a report to the applicant and to AEMO.

#### 1.3.1.1 Certification Window 1 – Messaging [\(ebXML\)](#)

##### 1.3.1.3. Certification Notification

When these procedures have been completed, [the applicant will check the certification has passed by utilising the Certification Checker](#). The applicant will [then](#) advise the FRC Hub Operator, which will review the results of the certification process. When an applicant has been successful, the FRC Hub Operator will produce a report advising the applicant and AEMO of the results of the certification process.



## 4. Contact Information

Below are the contact details for AEMO for matters in relation to:

- Certification of FRC Transactions routed via the FRC
- Certification of FRC Transactions routed via the GRMS FTP Gateway
- Certification of FRC Transactions routed via AEMO [GRMS](#) Low Volume Interface

### For South Australia and Western Australia

AEMO Contact

Gas Retail Market Operations

Email: [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au)

Ph: 1300 236 600

Hub Operator Contact

AEMO FBS Administration

Email: ~~FBSAdmin~~[support.hub@aemo.com.au](mailto:support.hub@aemo.com.au)

Ph: 1300 236 600

**ATTACHMENT B**  
**Proposed changes: Specification Pack Usage Guidelines**

~~Red-strikeout~~ means delete and  
blue underline means insert

## 2. Overview of the AEMO Specification Pack

The following table provides an overview of the AEMO Specification Pack. The documents are provided in a directory structure as follows:

Main Directory	Sub-Directory	Documents	Version
Specification Pack	1. Usage Guidelines	Specification Pack Usage Guidelines	6. <del>34</del>
	2. Interface Control Document (ICD)	Interface Control Document	4.6
	3. B2B System Interface Definitions	FRC B2B System Interface Definitions	4.1
	4. Transport Layer	FRC B2M-B2B Hub System Specifications	3.8
		FRC B2M-B2B Hub System Architecture	3.5
	5. CSV File Format	FRC CSV Data Format Specification	3.3
	6. Connectivity and Technical Certification	Connectivity Testing and Technical Certification	3. <del>5</del> <u>6</u>
	7. Readiness Criteria	Readiness Criteria	2.2
	8. Service Order Specifications	B2B Service Order Specifications, Part 1 and Part 2,	2. 33.3
9. aseXML Schemas	The complete set of aseXML schemas and examples which participants have subscribed to for SA / WA Gas is available from <a href="http://www.aemo.com.au/asexml">www.aemo.com.au/asexml</a>	SA – R29 WA – R13	

## ATTACHMENT C

### Proposed changes: FRC HUB PARTICIPANT USER GUIDE

~~Red strikeout~~ means delete and

blue underline means insert

## 2.6 Administration

The hubs are currently administered by AEMO. The name of the administration section is FBS Administration or FBSAdmin. To contact FBSAdmin call the AEMO support hub 1300 236 600 mentioning Gas B2B Hub, or e-mail ~~fbsadmin@aemo.com.au~~support.hub@aemo.com.au

## 3.4 Responders

The Responders are a part of the PreProduction Hub infrastructure and are available for participant use. The functionality available to users is:

aseXML validation – submit an aseXML document and have it validated against the aseXML schema.

aseXML message sending – submit an aseXML document and have it wrapped in ebXML and sent to the defined recipient's PreProduction gateway.

Certification – a number of screens to guide a participant through the certification process.

Certification Checker – review the current status of a certification run.

System notifications (see section 4.3).

View transaction details – search and view transactions that have been submitted to and from a recipients gateway.

Resubmit transactions – resubmit a transaction from the Hub to a recipients gateway.

Partner Profiles – view external id's and contact details of participants.

## 3.6 Certification

Currently, all Market Operators require that participants pass certification before they are allowed access to the Production Hub. Each Market Operator has a Certification Process document that describes the necessary steps to be taken by participants in order to certify. Contact the relevant Market Operator to obtain a copy.

The certification process involves sending documents to, and receiving documents from, the Certification Responder (FBS). To support the process a browser based User Interface is available on the Responder. See **Error! Reference source not found.** for instructions in the use of this interface.

Once certification is carried out, the participant will review their certification status of all messages and transactions that are required to be certified via the Certification Checker. Once those transactions have passed, the Participant will contact Support Hub to request a review by FBSAdmin. FBSAdmin will then do a final review of the transactions and acknowledgements that have been sent by the participant. A report will be created and forwarded to the participant and the relevant Market Operator. The Market Operator will review the report in accordance with that

market's requirements and, if satisfied with the results, will notify FBSAdmin and the participant of successful certification.

Following successful certification FBSAdmin will create a profile on the Production Hub which, when activated, will enable the participant to send production transactions within the applicable market.

# APPENDIX A FRC Hub Portal User Interface

The FRC Hub Portal user interface provides access to a number of functions. Below is a summary of the functions available across the Production and Preproduction environments:

Function	Production	Preproduction
View transaction details	✓	✓
Send aseXML	✗	✓
Validate aseXML	✗	✓
Resubmit transactions	✓	✓
Email notifications	✗	✓
Perform certification	✗	✓
Certification checker	✗	✓
Partner profiles	✓	✓

The Preproduction environment provides access to two responders – **FBS** and **FBSTEST**. The **FBS** responder is used for official certification and the **FBSTEST** responder is used as a sandpit environment and is a mirror of the certification environment. The sandpit is for participants to use when they wish to send messages through the FRC B2B System in a Preproduction environment. Participants can practise the certification processes in the sandpit before requesting formal certification via the certification responder.

Refer to Section 2.4 for further details on environments.

## A.3 Certification Checker

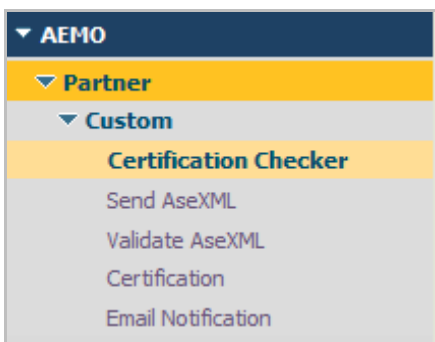
The Certification Checker is a search screen that allows you to view details of certifications that you have participated in, either as a sender or receiver.

[The Certification Checker will give the status \(pass/fail\) of both Window 1 and Window 2 certification.](#)

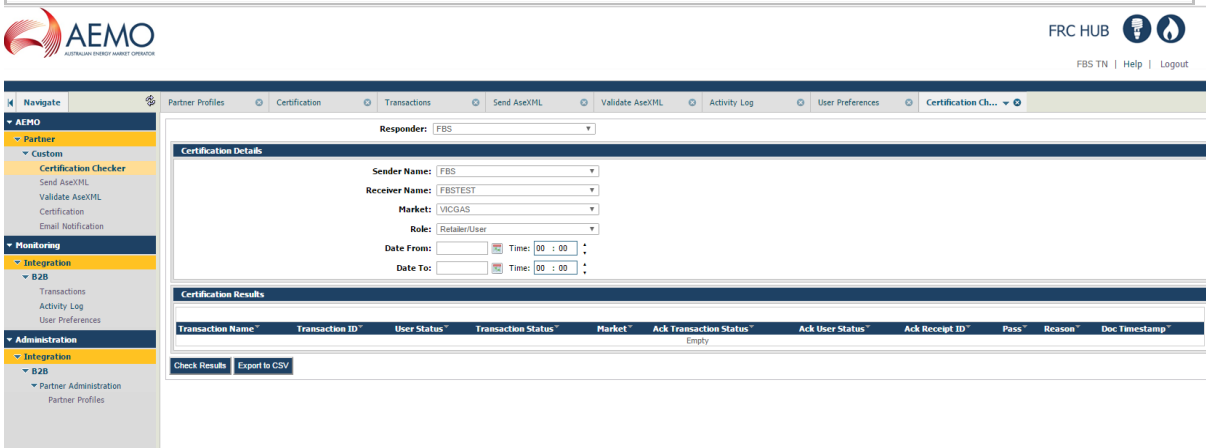
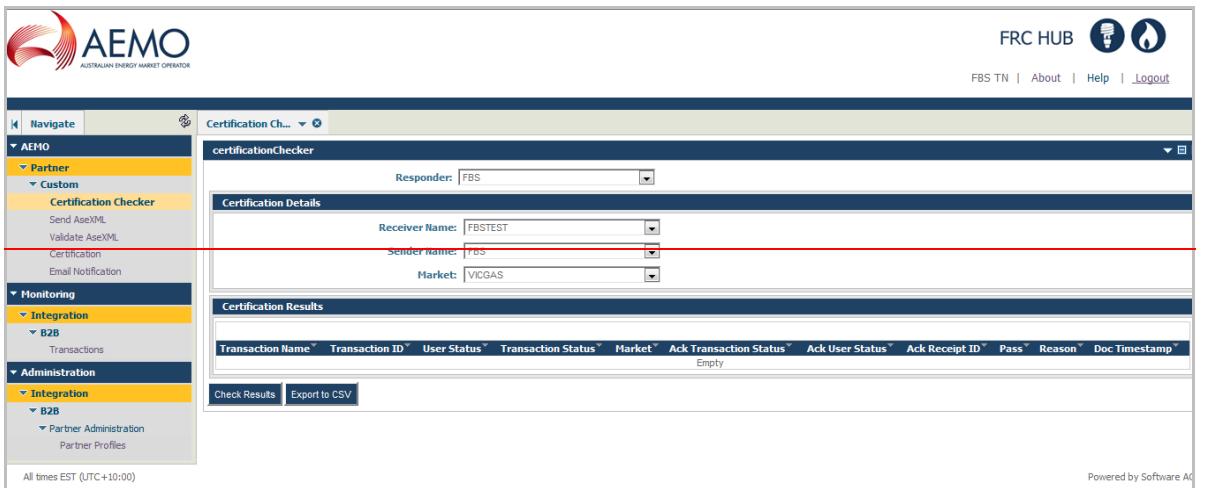
**Appendix C To view details of completed certifications:**

Appendix D

1. From the menu click **AEMO**, then **Partner**, then **Custom** and then **Certification Checker**.



The **Certification Checker** window displays.



Complete the search form fields:

- **Responder:** The responder used to perform the certification.
- **Receiver Name:** The participant receiving the certification transaction.
- **Sender Name:** The participant initiating the certification transaction.
- **Market:** The market used to perform the certification.
- **Role:** The role of the participant in the market (used to determine which transactions are required to be submitted/received)
- **Date From:** The date where transactions/messages should be searched from
- **Date To:** The date where transactions/messages should be searched to

Click **Check Results**. The corresponding certification records appear in the **Certification Results** table. The following information displays:

- **Transaction Name:** The name of transaction/message that was submitted in the certification.
- **Transaction ID:** The ID that was returned in the Ack response.
- **User Status:** The status of the aseXML transaction.
- **Transaction Status:** The status of the submitted certification transaction.

- **Market:** The market used to perform the certification.
- **Ack Transaction Status:** [The status of the returned ack \(Accept/Reject\)](#)
- **Ack User Status:** [If rejected the reason for the rejection](#)
- **Ack Receipt ID:** [The receiptID of the received ack](#)
- **Pass:** Indicates whether the certification passed or failed.
- **Reason:** Reason for a failed certification. 'Pass' is displayed for certifications that have passed.
- **Doc Timestamp:** [The time the transaction was sent](#)

The screenshot displays the 'Certification Checker' interface in the FRC HUB. The 'Certification Details' section shows: Responder: FBS, Receiver Name: FBSTEST, Sender Name: FBS, and Market: WAGAS. Below this is the 'Certification Results' table:

Transaction Name	Transaction ID	User Status	Transaction Status	Market	Ack Transaction Status	Ack User Status	Ack Receipt ID	Pass	Reason	Doc Timestamp
NMIStandingDataUpdateNotification	FBS-5a390cc0-1e2c-460a-b5d4-ae8b8074	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	5c72e536-0bc9-4a3f-ba44-52755776a3e	✓	Pass	2015-01-19 15:47:05.277
CATSObjectorRequest	FBS-d142da29-3ca1-48d1-8e64-de5f468	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	6a5301ab-3fe-465b-82fd-e0d9a480c8f8	✓	Pass	2015-01-29 11:02:43.873
CATSObjectorWithDrawal	FBS-4028cf38-c55b-4712-a033-9b7029c	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	b920eac-dff0-4b87-89be-76565b8e35af	✓	Pass	2015-01-29 11:02:43.92

Buttons for 'Check Results' and 'Export to CSV' are visible at the bottom of the table. The interface also shows navigation menus on the left and a 'Powered by Software AG' watermark at the bottom right.

This screenshot shows a more detailed view of the 'Certification Results' table. The 'Certification Details' section at the top shows: Responder: FBS, Sender Name: FBS, Receiver Name: FBSTEST, Market: WAGAS, and Date From/To: 00:00:00. The table below lists numerous transactions, including messages and responses, with their respective statuses and timestamps.

Transaction Name	Transaction ID	User Status	Transaction Status	Market	Ack Transaction Status	Ack User Status	Ack Receipt ID	Pass	Reason	Doc Time
Msg	FBS-64c208-3e6a-498b-a79c-80a703c058	Send Message: received	Accept				FBS-T21-7012841-376c-462d-8d98-54e	✓	Pass	2015-09-21
SignalMessage: IntradayPriority	FBS-3302a5f5-6a56-466d-8071-197028ad91	SendMessage: received	Accept	WAGAS	Accept	AdminAck:recd	FBS-T21-7012841-376c-462d-8d98-54e	✓	Pass	2015-09-21
SignalMessage: IntradayPriority	FBS-3302a5f5-6a56-466d-8071-197028ad91	SendMessage: received	Accept	WAGAS	Accept	AdminAck:recd	FBS-T21-7012841-376c-462d-8d98-54e	✓	Pass	2015-09-21
aseXML with Multiple Transactions	MULT-9122513-2013-470f-a50e7a607	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	a79580a-37c-343c-880c-37f3e2c0d3	✓	Pass	2015-09-21
aseXML with Multiple Transactions	MULT-3a777b2-888b-483b-935a-74c6c	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	879382a-3d07-402d-af19-fa2b28a765	✓	Pass	2015-09-21
aseXML with Multiple Transactions	MULT-5d69100-155-468b-af0f-b073284	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	c4e301f-103b-464b-8a63-31903a030381	✓	Pass	2015-09-21
aseXML with Multiple Transactions	MULT-5a55555-05d1-4e57-8a97-73d9d1	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	a9f292c-400c-4732-863c-0f5c2d44d0c	✓	Pass	2015-09-21
DispatchToaseXML: Tin	DUP1-288778e-1380-4865-a659-238a83	aseXML: duplex: ack: 2	Accept	WAGAS	Accept	aseXML duplex: ack: 2	138a29f-820e-400e-8a8e-8641274630	✓	Pass	2015-09-21
MarketDataNotification	FBS-64c208-3e6a-498b-a79c-80a703c058	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	FBS-T21-7012841-376c-462d-8d98-54e	✓	Pass	2015-09-21
SupplierResponse	FBS-8f37474-8d71-4c32-8c2c-72b4d6	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	00b0f7b-2a6a-4a13-9284-6e1324f75e	✓	Pass	2015-09-21
VendorAcknowledgeResponse	FBS-3493800-576-407a-8f8d-02007a	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	080307e-25c-42a8-e79c-8659-6258751c	✓	Pass	2015-09-21
AccountCreationNotification	FBS-64c208-3e6a-498b-a79c-80a703c058	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	a123a45d-0122-4026-4754-0550-65487432	✓	Pass	2015-09-21
AccountCreationAck	FBS-7457051-170-4548-8481-05e47	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	9880a77-7103-4133-e97d-a86e-1319363e	✓	Pass	2015-09-21
MFCDenyResponse	FBS-657e763-795-468b-a0b0-779c7e1	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	a114d99d-0294-4d54-80e-438e-026c8780c	✓	Pass	2015-09-21
MFCDenyAckRequest	FBS-5f58a6c-075-468b-a0b0-779c7e1	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	3851814-120c-495d-805f-0e4e0251018	✓	Pass	2015-09-21
CATSObjectorResponse	FBS-4080f70-1d41-4772-8c46-07d89d	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	a20797c-3177-464a-8464-5102a81001c	✓	Pass	2015-09-21
CATSObjectorResponse	FBS-4080f70-1d41-4772-8c46-07d89d	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	79e46a71-5d47-444c-a6d7-a23e2a2b78d	✓	Pass	2015-09-21
CATSObjectorAck	FBS-4080f70-1d41-4772-8c46-07d89d	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	64e7961-1257-424a-846c-11352a2000f	✓	Pass	2015-09-21
CATSObjectorAck	FBS-4080f70-1d41-4772-8c46-07d89d	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	5a2135d-236d-476d-07d7-31054a8c7d5	✓	Pass	2015-09-21
CATSObjectorAck	FBS-4080f70-1d41-4772-8c46-07d89d	aseXML sent: ack: 1	Accept	WAGAS	Accept	aseXML ack:rec	64c208-3e6a-498b-a79c-80a703c058	✓	Pass	2015-09-21
Reliable Messaging		Reliable - 3m:Failed: Reliable messaging attempts expected: 3 pt: 0	WAGAS	Reliable - 3m:Failed: Reliable messaging attempts expected: 3 pt: 0				✗	Disrupted: Reliable messaging attempts expected: 3 pt: 0	
ServiceOrderResponse								✗	Transaction missing	
MFCDenyAckRequest								✗	Transaction missing	
LiveOrderDetails								✗	Transaction missing	
CSM:liveOrderDetails								✗	Transaction missing	
CSM:liveOrderDetailsAck								✗	Transaction missing	
CSM:liveOrderDetailsAck								✗	Transaction missing	
CSM:liveOrderDetailsAck								✗	Transaction missing	
CSM:liveOrderDetailsAck								✗	Transaction missing	
CSM:liveOrderDetailsAck								✗	Transaction missing	

Click **Export to CSV** if you wish to obtain an export of the search results in CSV format.

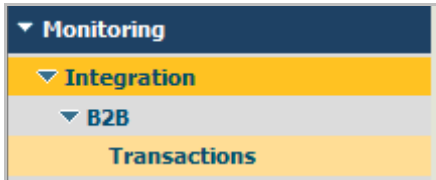
Appendix E

## A.6 View transaction details

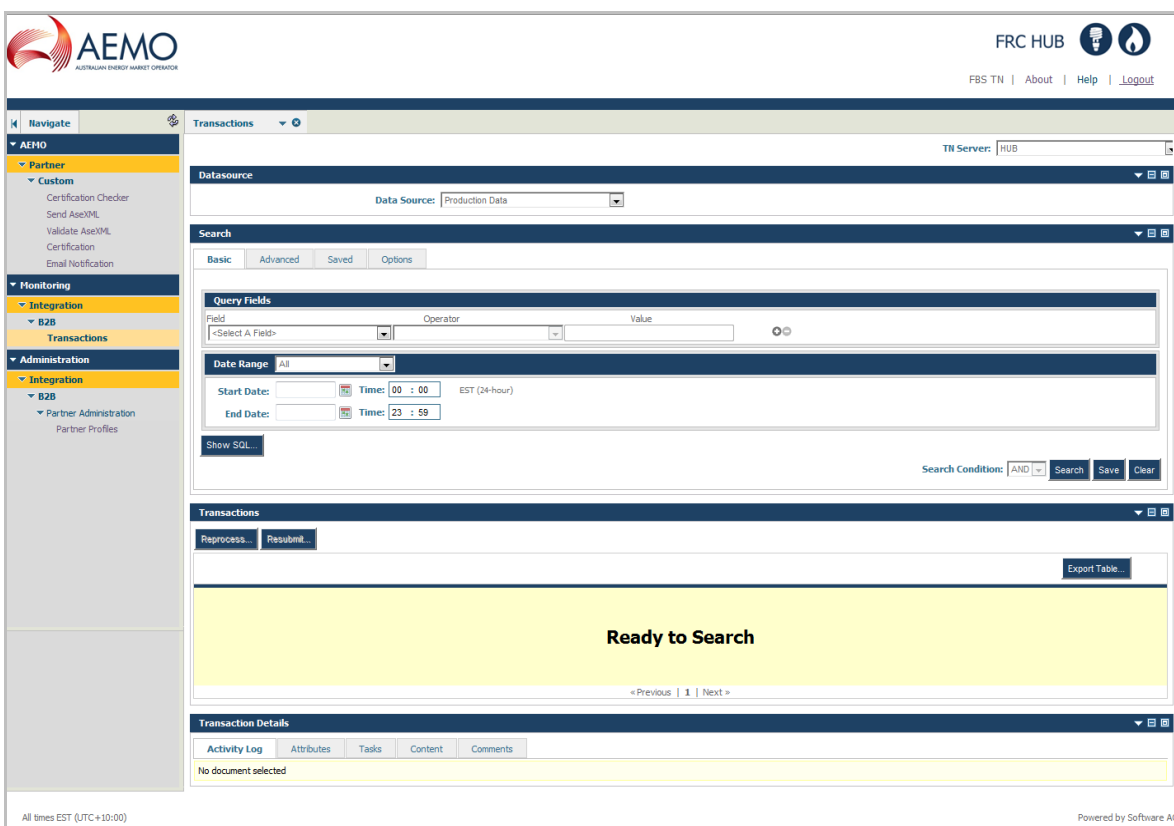
The **View transaction details** window allows participants to search and view transactions that have been submitted to, sent and received by a recipients gateway, and is available on both the Production and PreProduction FRC hubs.

**To search for a transaction:**

- From the menu click **Monitoring**, then **Integration**, then **B2B** and then **Transactions**.



The **Transactions** window displays.



Select the correct **TN Server** from the drop-down box at the top of the window. This field is used to filter the transactions based on a server. If **FBS** is selected, all transactions in which the FBS responder is the sender or receiver displays. Likewise for **HUB** and **FBSTEST**.



**Note**

To view transactions older than 35 days but less than 1 year, Select **ARCHIVE** server from the **TN Server** drop down.

In the **Datasource** section, select the correct **Data Source** from the drop-down box.





To view transactions older than 35 days but less than 1 year, Select **Archived Data** from the data source drop down.

**Note**

5.4. In the **Search** section, enter desired search criteria and click **Search**.



To save your search criteria for future searches, click **Save**. You will be prompted to provide a name and description. The search will be saved in the **Saved** tab of the **Search** section.

**Note**

6.5. The search results display in the **Transactions** section. The following information displays:

- **Date Received:**
- **Document Type:**
- **Sender:**
- **Receiver:**
- **Processing Status:**
- **User Status:** The Status of all messages received by the gateway should be 'SendMessage:sent'. This indicates that the hub believes that the message was delivered successfully to the gateway. If the hub encountered an error attempting to send to the gateway the Status will be 'SendMessage:err'. If you need to obtain further details regarding the specific error contact FBSAdmin [via the Support Hub](#). The Status of all messages sent to the hub by the gateway should be 'MessageRouting'. If the hub encountered an error while processing the message (i.e. recipient not recognised, digital signature invalid, etc.) the Status will be 'RouteMessage:err'. However, errors encountered while delivering the message to the intended recipient do not get reported on this screen. If you need to determine this information you need to view the Activity Log entries by following the directions below.
- **Document ID:** The ebXML message ID.
- **Conversation ID:** The ebXML conversation ID plus a number generated internally by WebMethods. A Conversation ID is only recorded against messages that have been sent 'From' the participant. It is not recorded against the messages sent 'To' the participant.
- **Related Documents:**
- **Details:**
- **Action:**

Date Received	Document Type	Sender	Receiver	Processing Status	User Status	Document ID	Conversation ID	Related Documents	DetailsAction
10/02/2015 15:49:32	ebXML Routing	VENCORP	RELAY (RELAY)	DONE	SendMessage:err	VENCORP 25f5808e-0864-4a59-85f6-43404ef4751c	VENCORP ENVESTRA VENCORP 25f5808e-0864-4a59-85f6-43404ef4751c		
10/02/2015 15:48:33	ebXML Routing	VENCORP	RELAY (RELAY)	DONE	SendMessage:err	VENCORP 2f5d9ab3-f42d-4ba9-a3ae-3e11c4e5911d	VENCORP ENVESTRA VENCORP 2f5d9ab3-f42d-4ba9-a3ae-3e11c4e5911d		
10/02/2015 15:47:34	ebXML Routing	VENCORP	RELAY (RELAY)	DONE	SendMessage:err	VENCORP eb196ff7-0a8f-40b6-b0a7-3278128ca0ba	VENCORP ENVESTRA VENCORP eb196ff7-0a8f-40b6-b0a7-3278128ca0ba		
10/02/2015 15:46:33	ebXML Payload	RELAY (RELAY)	ENVESTRA (VIC)	DONE	SendMessage:err	VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31	VENCORP ENVESTRA VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31		
10/02/2015 15:46:33	aseXML Transaction	VENCORP	ENVESTRA (VIC)	DONE	aseXML Transaction	VENCORP-MSG-d26817357fe49f8a164c621			
10/02/2015 15:46:33	ebXML Routing	VENCORP	RELAY (RELAY)	DONE	MessageRouting:proc	VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31	VENCORP ENVESTRA VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31		
10/02/2015 15:46:33	ebXML Routing	VENCORP	RELAY (RELAY)	DONE	SendMessage:sent	VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31	VENCORP ENVESTRA VENCORP c0211618-5d42-4c74-833c-b8cdd8cdd31		



**Note**

Participants are only permitted to view documents as they transit between the participant gateway and the hub. Therefore the ‘Sender’ is always either the participant or the hub, as is the ‘Receiver’. Because of this, if a ‘Sender’ is input the results will only display Sent messages, regardless of the Sender that is input. If a ‘Receiver’ is input the results will only display Received messages.

7-6. To view details of a transaction, click either the magnifying glass icon in the **Details** field, or the date link in the **Date Received** field.

8-7. The transaction details display in the **Transaction Details** section. The **Activity Log** tab is displayed by default. You may also view the transaction **Attributes**, **Tasks**, **Content** and **Comments** by clicking the relevant tabs.


Type	Timestamp	Brief Message	Class	User Name	Partner ID	Details
	11/02/2015 12:50:00	Processing complete	General	relay		
	11/02/2015 12:50:00	Status changed.	General	relay		
	11/02/2015 12:50:00	Status changed.	General	relay		
	11/02/2015 12:50:00	Routing rule ebXML Send Message selected	Processing	relay		
	11/02/2015 12:50:00	Document persisted.	General	relay	FBS - (Certify Responder)	





The **Type** column indicates the type of log entry when you hover over the icon. If this is ‘Message’ the message was delivered successfully. If it is ‘Error’ the hub encountered an error while attempting to deliver the message.

Not all messages have an Activity Log entry. Messages received by the gateway that were successful do not have an entry. Messages sent from the gateway that were delivered successfully have an Activity Log entry of type ‘Message’. Messages both to and from the gateway that encountered an error will have an Activity Log entry of type ‘Error’.

9-8. To view the transaction content, click on **Content** tab. The transaction content items display.

Name	Size In Bytes	Type	Storage Type	Storage Reference	DETAILS
ebxml	7559	multipart/related			
Header	179	text/plain			
Envelope	5398	text/xml; charset="UTF-8"			
<aseXML>	1649	application/xml			

10.9. Click on the magnifying glass icon  in the **DETAILS** column for the item you wish to view. The content displays in a text editor window below.

Name	Size In Bytes	Type	Storage Type	Storage Reference	DETAILS
ebxml	7559	multipart/related			
Header	179	text/plain			
Envelope	5398	text/xml; charset=UTF-8			
<soap:Env>	1649	application/xml			

Edit for Resubmit

```
Content-Length: 7380
SOAPAction: "ebXML"
Content-Type: multipart/related; type="text/xml"; boundary="====_Part_13078_1595160176.1423617444200"; charset="UTF-8"; start="<soappart>"

-----_Part_13078_1595160176.1423617444200
Content-Type: text/xml; charset="UTF-8"
Content-Id: <soappart>
Content-Transfer-Encoding: binary

<?xml version="1.0" encoding="UTF-8"?><SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"

```

1.

## Appendix C Disaster Recovery Provisions

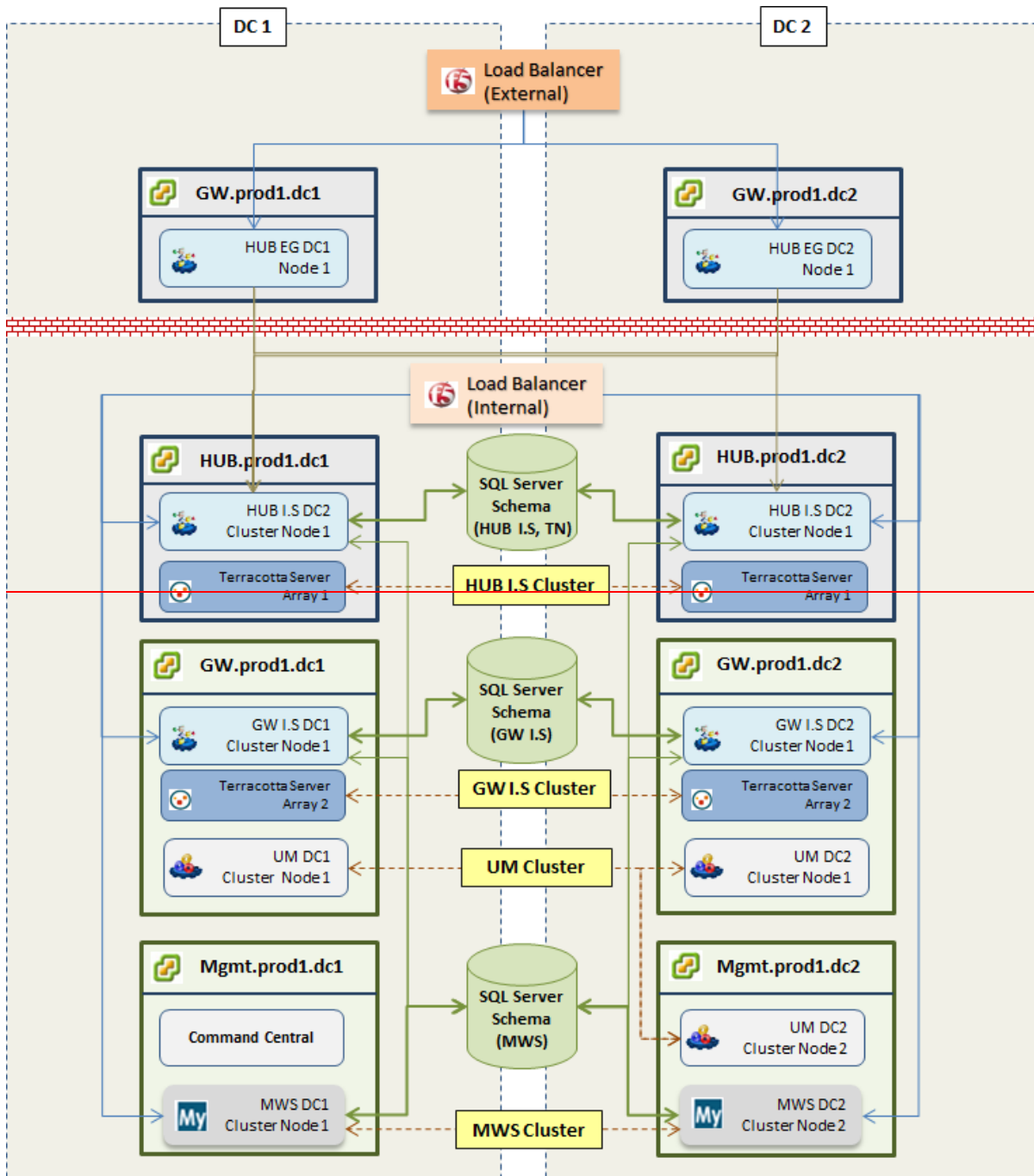


Figure 4 Network topology showing DR provisions