

MINUTES – POC -SWG

MEETING: Systems Working Group Meeting
DATE: Thursday, 15 June 2017
TIME: 10:00 – 14:00pm AEDT
LOCATION: Space & Co; Level 3, 530 Collins St, Melbourne
MEETING #: Meeting 9

1. Meeting Agenda

Refer to the published Agenda.



The additional items were added to the Agenda.

- Item 4. Validation Module
- Item 5. Transition and Cutover Discussion

The previous Item 4. Next SWG Meetings was moved to Item 6.

2. Key Discussion and Outcomes

The sections referenced below refer to the agenda items.

The DRAFT version 1.02 of the SMP Technical Guide was discussed.

The DRAFT version 0.07 of the MSATS 46.89 Technical Specification was discussed.

2.1. Item 1 – SSL Certificate Provisioning

- The process for requesting an SSL certificate was walked through, Sections 3.2, 3.3 and Appendix C of the SMP Technical Guide.
- A query was raised on the security settings of AEMO's own certificate. This will align with the recommendations for participant's certificates. i.e.
Public Key - RSA with a key length between 1024 and 2048 bits
Signature - RAS encryption with a SHA1 hash
- An example of a CSR was requested. AEMO will prove an example or a link to an example.

Key Points:

- SSL versions TLS 1.1 and 1.2 will be supported. SSL 3.0 and TLS 1.0 will **not** be supported.
- One certificate can be used for multiple participant ID's.
- A different certificate is required for pre-production and production.

Actions:

- AEMO to add a CSR example of link to an example

2.2. Item 2 – API Portal and API Key management

- The API Key process was walked through. Section 4.2 and Appendix D of the SMP Technical Guide.
- The turnaround time for AEMO to process a request and issue an API Key was queried.
- The IP Whitelisting to access the API Portal and API Gateway was queried, especially what this may mean for participant systems running in the cloud.

Key Points:

- Only the user account that requested an API Key can see that API in the e-Hub API Portal.
- An API Key is linked to a Participant ID and a particular API. So it **cannot** be shared across Participant ID's or API's.
- Different API Keys are required for pre-production and production.

Actions:

- AEMO to confirm whether API Key would be expiring
- AEMO to provide the process for renewing an API Key.
- AEMO to provide the service levels for requesting an API Key (and certificate for completeness).
- AEMO to respond on the IP whitelisting requirements and process.

2.3. Item 3 – MSATS Functionality

- The B2B Transform screen was walked through.
- It was commented that the combination of schemas and the impact of schema changes were not clear.
- A query was raised on how participants would shift from FTP to API's during systems cutover. With a concern about needing to have the participant's current FTP system manage the new r36 transactions until the transition to API's completes.
- A query was raised on exactly what the full list of transaction groups are. These are: MTRD, MRSR, SORD, CUST, SITE, OWNP, OWNX, NPNX, PTPE and HMGT
- NETB and other transactions not in the list above will **not** be delivered through the e-Hub API Gateway. These other transactions will remain able to be sent via MSATS FTP.

Key Points:

- The B2B retail transaction groups (MTRD, MRSR, SORD, CUST, SITE, OWNP, OWNX, NPNX), Peer-2-Peer (PTPE) will go through the e-Hub API gateway.
- The MSATS B2B Transform screen will not have an option for HMGT.

Actions:

- AEMO to provide further clarity on the aseXML schema's and the impact of before and after these schemas.
- AEMO to confirm the full list of transaction groups. Completed see detail above.

2.4. Item 4 – Validation Module

- The discussed timeline is to confirm the design by 21 June and release the software by 31 July.
- The changes to the validation were discussed.
- A query was raised on the java version to be supported.
- Attendees requested:

- To confirm the principles for what is and isn't included in the validation module
- To provide the details on SORD's first
- To consider a staged release of the validation module functionality

Key Points:

- Attendees would like the validation module design and software as soon as possible, and requested a staged delivery approach to better facilitate early delivery of the module.

Actions:

- AEMO to confirm the principles for the validation module, and design and testing approach.
- AEMO to confirm the timeline for the validation module development and the potential to do staged releases.

AEMO will do a staged release starting with SORDs.

- AEMO to confirm the supported java version.
The modules will be released compiled in Java 8. The full source and build script is also released, participants can compile this in Java 6 or 7. AEMO will only test the Java 8 version.

2.5. Item 5 – Transition and Cutover Discussion

- A discussion item was raised on the need to discuss more technical details related to the systems and transition and cut-over at the SWG.
AEMO noted that the Transition and Cutover Working Group will be looking at this technical detail. Participants should ensure any issues or queries are channelled to their representative on the ITCFG.
- A concern was noted that the ITCFG only allowed one representative and the necessary technical knowledge may not be able to be discussed.
- Not all SWG members had access to the ITCFG minutes.

Key Points:

- As above

Actions:

- AEMO to raise these concerns to the ITCFG.
SWG members should request information from their ITCFG representatives, and can refer to the minutes published on AEMO's website, [here](#).
Upcoming ITCFG's will start to look at the technical details of transition and cutover. SWG members should discuss with their ITCFG reps.

2.6. Item 6 – Next SWG Meeting

- AEMO proposed that this would be the last SWG.
- Based on the discussion it was felt that it was beneficial to keep the SWG placeholders and target specific items to discuss as required.
- A focused discussion on the Validation Module was a proposed topic.

Key Points:

- As above

Actions:

- AEMO to consider a focus group on the plan for the validation module development.

AEMO will determine how many attendees are interested, and consider whether a face-2-face session or a teleconference and email communication are more appropriate.

3. Action Items

The following actions were identified in the meeting;

Item	Topic	Action required	Responsible	By	Status
3.7	SSL Certificates	AEMO to add a CSR example of link to an example	AEMO	14/07	
3.8	API Keys	AEMO to confirm whether API Key would be expiring	AEMO	14/07	
3.9	API Keys	AEMO to provide the process for renewing an API Key.	AEMO	14/07	
4.0	API Keys	AEMO to provide the service levels for requesting an API Key (and certificate for completeness).	AEMO	14/07	
4.1	IP Whitelisting	AEMO to respond on the IP whitelisting requirements and process.	AEMO	14/07	
4.2	aseXML Schema	AEMO to provide further clarity on the aseXML schema's and the impact of before and after these schemas.	AEMO	14/07	Completed <i>Refer to issued Validation Module specification</i>
4.3	aseXML Schema	AEMO to confirm the full list of transaction groups. Completed see detail above.	AEMO	26/6	Completed <i>See response</i>
4.4	Validation Module	AEMO to confirm the principles for the validation module	AEMO	26/6	Completed <i>Refer to issued Validation Module specification</i>
4.5	Validation Module	AEMO to confirm the timeline for the validation module development and the potential to do staged releases.	AEMO	26/6	Completed <i>Refer to issued Validation Module specification</i>
4.6	Transition and Cutover	AEMO to raise these concerns to the ITCFG.	AEMO	26/6	Completed <i>See response</i>
4.7	Next SWG	AEMO to consider a focus group on the plan for the validation module development.	AEMO	28/6	Completed <i>See response</i>
4.8	Validation Module Java version	AEMO to clarify the supported java versions.	AEMO	30/6	Completed <i>See Response</i>

4. Other Business

None

5. Meeting Critique

6. Next meeting

- TBC

7. Previous action Items

Item	Topic	Action required	Responsible	By	Status
1	Notified Parties & Ack Patterns	AEMO to produce a paper outlining the 2 identified options.	AEMO	26/10	Completed
1.1	Request for member preferences of notification model Option.	Members to respond back to AEMO's paper.	Working Group members	28/10	Completed
1.2	Context diagram	Volunteered to frame a context diagram for a variation of Option 1 (EHub generating notifications).	Kristen Clarke	02/10	Completed
1.3	Establish focus group to further investigate Option 1	AEMO to facilitate session with focus group to Work through the acknowledgment patterns for package 1 & provide a final recommendation for the B2B WG	AEMO	04/11	Completed
1.4	Focus Group to white board 'Push-Push' solution.	Focus group to white board a Web Services 'Push-Push' solution and validate it against the 7 principles outlined in the SWG	Focus Group	18/11	Completed
1.5	AEMO to document solution	AEMO was tasked to document the white boarded solution and then share with the focus group post session prior for review prior to sharing with wider SWG.	AEMO	24/11	Completed
1.6	Manage inflight transactions when changing the interfacing method	AEMO to document the process of managing the inflight transactions when the interfacing method is changed from web services to FTP and vice-versa	AEMO	13/12	Completed <i>Added to SMP Technical Guide</i>

1.7	Notified Parties TACK Optionality	AEMO will include optionality for participants to choose whether to receive all TACK's or just negative TACK's in the notified party's solution. This has been updated in the TDS	AEMO	13/12	Completed
1.8	Multiparty Paper	AEMO to update the paper to include technical limitations of 1 to many on the existing FTP protocol.	AEMO	14/12	Completed
1.9	1st December 17' Schema validation	AEMO will analyse the impact of adding a technical validation to reject previous schema versions	AEMO	13/12	Completed The e-Hub will not reject schema versions.
2.0	B2B Schema Changes	AEMO to publish early analysis of the B2B schema changes to the group including confidence weighting of each change.	AEMO	06/01/17	Completed
2.1	Multiparty Paper	AEMO to set up a meeting with Kristen to review the multiparty paper and publish back to the group	AEMO	23/12/16	Completed
2.2	B2M Schema Feedback	Provide feedback to their ASWG reps with regards to concerns around the removal of enumeration of MeterStatusCode Vacant – 2nd Tier Retailer Annette Reitmann, AGL – Host Retailer Bevan Cole, Western Power – aseXML Subscriber (WA Elec) Carlos Navarro, Powercor – MDA Rob Wilson, Jemena - Distributors	Members	21/12/16	Completed

2.3	Changing Protocol	AEMO will review providing a draft document detailing the MSATS screen changes – which may not have final screenshots, and provide a date for this.	AEMO	31-May	Completed MSATS 46.89 technical specification provided
2.4	Sync and Push/Pull	AEMO to update the SMP Technical Guide with negative scenario response samples.	AEMO	19-May	Completed
2.5	Sync and Push/Pull	AEMO to review on allowing TACK status of Accept as a valid response in sync services. The documentation requires updates to amend this rule.	AEMO	19-May	Completed
2.6	Push/Pull - async	AEMO to review provided additional information on the push/push vs push/pull pros/cons.	AEMO	19-May	Completed
2.7	Push/Pull - async	AEMO to raise SLA question on push/pull response times to the AEMO B2B workstream.	AEMO	19-May	Completed <i>See response</i>
2.8	Push/Pull - async	AEMO to review the restriction on not allowing a positive TACK as a sync response.	AEMO	19-May	Completed <i>See response</i>
2.9	Peer-2-Peer	AEMO to review allowing participants to indicate the P2P transaction group as not supported – and have the hub reject it.	AEMO	19-May	Completed <i>See response</i>
3.0	Peer-2-Peer	AEMO to reply if the opt-in at the transaction group level can be extended to other new transaction groups such as MRSR, NPNX.	AEMO	19-May	Completed <i>See response</i>

3.1	Other Queries	AEMO will provide more information on the EVM timeline.	AEMO	19-May	<i>See response</i>
3.2	Other Queries	Table 3 (API Format) – The allowed values for the API names is to be updated.	AEMO	19-May	Completed
3.3	Other Queries	Section 6.2 – Typo – ‘/messages’ needs to be updated to ‘/alerts’	AEMO	19-May	Completed
3.4	Other Queries	Pull API – Normal Scenario #2 – The diagram is a cut paste of Normal Scenario #1. The diagram for Scenario #2 has to be corrected.	AEMO	19-May	Completed
3.5	SMP Technical Guide	AEMO to provide the updated versions of the documents that were discussed in the SWG meeting.	AEMO	9-May	Completed <i>The latest versions have been provided.</i>
3.6	SMP Technical Guide	AEMO will review the API parameters and resources, which are case sensitive, and ensure that this is consistent.	AEMO	19-May	Completed

8. ATTENDEES:

Not recorded