Software Provider Readiness Working Group

Questions from working group members| 14 September 2022

The following table provides ASX's response to relevant questions asked by Software Provider Readiness working group members during the session held on 14 September 2022. Please email **chessreplacement@asx.com.au** if you have any additional questions or require further clarification.

Question	Answer
Release 1.3.1	
When you refer to reporting, is that message content or the demand reporting messages?	Release 1.3.1 (scheduled for release at the end of October 2022) will contain report fixes, for both end-of-day and on-demand reports. These fixes are to data content not message schemas. There are some changes to issuer registry reports. Full details will be published with the release notes at the time of the release.
ITE1	
Regarding the unscheduled reset, was that caused by an unmatched cancellation request for a matched BSSI?	Yes, we had an unscheduled reset of ITE1 on Wednesday 7 September 2022. The prior evening, the diary adjustment process (rights issues) failed to process a failed BSSI. This particular BSSI had a pending cancel request, and it was the pending cancel request that caused a processing error. ASX chose to reset the environment rather than provide a data fix for the reasons outlined in the session. This approach is only applicable in ITE1 as it is a test environment; ASX would not take this approach in production.
Does ASX want software providers to match pending cancel requests or withdraw them rather than rely on housekeeping?	Yes, we would like software providers to complete the workflow for pending cancel requests, relating to matched settlement obligations, by EOD each day. Completion of the workflow would be either matching or withdrawing the cancel request. This is the process until ASX deploys the underlying fix into ITE1.
Are pending cancel requests house kept?	Pending cancel requests are house kept post settlement but only if they are partially or fully settled. If a BSSI with a pending cancel request fully fails in the settlement batch, that pending cancellation request carries forward to the next day.

Question	Answer
If there is a BSSI that is matched and it fully failed, and then a software provider tried to cancel it after settlement, that wouldn't be house kept?	Yes. ASX is now monitoring BSSIs with a pending cancellation request at EOD. If there are any, ASX will cancel them to reduce the risk of a re-occurrence of the known issue. ASX will email any clients where we have cancelled an obligation. The known issue list has also been updated with the details of the issue.
Ledger API	
Is the new heartbeat solution to assist with the inactivity timeout client configurable?	The new solution works on an opt-in basis and provides a heartbeat to generate *grpc* message traffic. The solution is to address the situation where after 4 hours of inactivity Ledger API sessions are disconnected. Currently, Ledger API clients have implemented logic to re-connect if this occurs. For clearing and settlement participants, this is less common given the higher volume of traffic, but for low volume users such as payment providers this is more likely to occur. The frequency of the heartbeat message is defined by ASX. ASX will provide more details of the solution once it becomes available but the update provided in this meeting was intended as a heads up that this change is currently being developed.
Accreditation scenarios	
We are up to version 1.7. Are we expecting more changes to the accreditation scenarios between now and the final accreditation? There seems to be many changes still occurring on the accreditation scenarios. When will it be final?	We believe that we are very close to the final scenarios. We have just covered a scenario that was driven by a change to the functional workflow. We believe each change adds value and while we cannot say they are final, at this stage we think we are very close. ASX acknowledges that any change is annoying but there are a small number in comparison to the number of scenarios. Ultimately, we are looking to develop a robust process that benefits all parties. If there are other changes we will be very transparent on those and have put in place a new 'change history' section of the technical documentation, next to the scenarios to make it very clear what changes have occurred and we also put a spotlight on them in this working group.

Question	Answer
On accreditation scenario CS-HT-11 you mentioned a change with this?	This scenario was previous demonstrated by participants using a class merger in-line with the functional specifications; a change to that specification has now driven a change to scenario CS-HT-11 to use a code change. Code changes only occur once a month in the current test kits, whereas a class merger occurs once a week to fit in with the 5 day accreditation window. Therefore, we are removing this scenario from the initial accreditation but it will form part of final accreditation. We are also looking to increase the frequency of code changes to address this.
What is the event type code for class mergers and code changes?	The corporate-actions-test-kit.csv within each test kit defines the code and class mergers. Filtering on column G: **IssuerClassCode** provides a list of all code changes and class mergers. Filtering further on column R: • **IssuerNameAndCodeChange** (code change), run on a monthly basis. • **ClassChange** (class mergers), run on a weekly basis. ASX is reviewing and planning to increase the frequency of code changes.
Regarding corporate actions, it looks like there is a constraint on reconstruction where there is only two a month. So any testing will have to be scheduled in that period. They're only once a fortnight at the moment. There is one split and one consolidation, that's it.	To align with accreditation requirements, reconstructions (stock split) have been seeded on a weekly cadence, with an effective date every Tuesday. Filtering on column G of the corporate action file in the test kit: **StockSplit** will list all stock splits. Based on the ordering of the file it may not seem as if they are weekly, but ordering on column D (rec date) should assist with the way to search.
The accreditation checklist on confluence prompts for a password. Is that intentional or not?	This was an error and the issue was corrected within one day – no password is required.