

MHHS Webinar: PIT Guidance

MHHS-DEL2524

PARTICIPANT QUESTIONS RAISED DURING THE PIT GUIDANCE WEBINAR..... 2

Change Record

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10/04/2021	George Player	v0.1	Author

Reviewers

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Participant questions raised during the PIT Guidance Webinar

Q1. Are Non-SIT Participants required to submit their PIT Approach and Plan documents alongside their Pre-Qualification Submission on the 26th April?

Participants are required to submit their PIT Approach and Plan alongside their Pre-Qualification Submission.

Participants can view the [PIT Deliverables for Non-SIT Participants](#) which outlines the timetable for PIT Deliverables for each Non-SIT route to Qualification.

Q2. Will the Programme provide a Stubs Mechanism for Testing Participants message injectors for PIT?

In principle, each Programme participant will be testing its own system(s) in a stand-alone manner and each party needs to develop any test harnesses/stubs it needs to adequately test its own systems. However, the Programme has produced a test stub for use by participants to aid and evidence PIT – DIP Simulator and and Consumption Data Generator

Please note, currently the programme is not scheduled to provide any other test stubs for PIT above that listed above.

Q3. Where a participant is placing reliance, how should Participants align their plans in the Pre-Qualification Submission, and the PIT Approach and Plan?

Participants should provide sufficient coverage across their testing including where testing will be required on the Participants Systems, and where the Participant is placing reliance on another Party's testing. All Participants are required to conduct PIT within in their own environment once all systems are integrated to ensure interactions will work in their enduring environment The Pre-Qualification Submission and the PIT Approach and Plan should align, Code Bodies will be reviewing the documents to ensure there is full Testing coverage for PIT, and that Placing Reliance arrangements have been confirmed.

Q4. Which Participant Role is in scope for testing the exchange of data between a Supplier and a Smart Data Service [in relation to the MDR]?

The MDR Role is sits under the wider umbrella of the SDS Role, therefore Participants are expected to test their end-to-end business processes. The data testing required will need to evidence data transfer from the SDS to the MDR, as well as the Supplier transferring data to the SDS and on to the MDR.

Q5. Will Participant's CSS Adaptor be in scope for PIT?

Participants are expected to test their end-to-end business processes; therefore the CSS Adaptor will be included in PIT where a participant needs to send or receive CSS messages as part of the end-to-end business process. However, as the CSS Messages are not changing with MHHS Design, the CSS Adaptor will not be a focal point of PIT assurance.

Q6. Are adaptor services included in the scope of Non-Functional Testing?

Adaptor Services and operation are in scope for Non-Functional Testing, however the CSS Adaptor itself it out of scope for Non-Functional Testing [Qualification Approach and Plan](#) Annex 1 and Annex 2 will be further updated to outline the full scope of Non-Functional Testing.

Q7. Can Participants Place Reliance across all of their PIT, including Non-Functional, Migration, and Operational Testing?

Participants can Place Reliance across all aspects of PIT, including Non-Functional, Migration, and Functional Testing. However, Participants can only place reliance where the Participant and the Third-Party share Systems and Processes. Participants should make clear in their PQS and PIT Approach and Plan where they expect to place reliance on any aspect of PIT.

Q8. Will Participants receive coordinated responses from Code Bodies and the Programme on their PIT Approach and Plan?

Code Bodies and the Programme are collaborating on all responses to Participant submissions where there are joint responsibilities. Participants will receive one formal response where feedback from Code Bodies and the Programme have been collated and agreed.

Q9. Do Participants need to provide testing evidence that market messages have been processed and generated?

Participants should provide Testing evidence for all interfaces within the architecture that generates or ingests market messages as part of the end-to-end business processes. Please see [PIT Guidance](#) Appendix A for further information

Q10. Does PIT differ between SIT and Non-SIT Participants?

The PIT Guidance does not differentiate between SIT and Non-SIT Participants, the testing and guidance only differs depending on Participant Roles and business processes, and not the route to qualification.

Q11. Are Participants required to provide Test Evidence on CSS and DTN Messages?

Changes are being introduced to DTN Messages; therefore, Participants are required to provide testing evidence that these changes have been accommodated in their systems and business processes are operating correctly on receipt of these. CSS Messages are not changing; therefore, CSS Messages are not a focal point of PIT Assurance.

Q12. Are consequential changes in scope for PIT?

No, consequential changes are currently not in scope for PIT Assurance for MHHS Qualification. PIT scope is limited to MHHS Design only, auxiliary systems that are related to business processes outside of MHHS will not be tested.

Q13. Will Non-Functional, Migration, and Operational Testing be included in PIT Guidance?

Yes, the PIT Guidance will be updated to include coverage of all phases of PIT. Additionally, [Qualification Approach and Plan](#) Annex 1 and Annex 2 will be further updated to outline the full scope of Non-Functional, Migration, and Operational Testing that form part of QT entry. These updates will be provided to the Qualification Working Group when these have been confirmed, and the industry will be consulted on the additions.

Q14. If identical Systems are utilised for different Market Roles will the System undergo PIT once?

If a Participant is utilising or Placing Reliance on identical systems for the same Market Role, they may be able to Place Reliance for some phases of PIT. However, if the System is being utilised for a number of different Market Roles, then the system will undergo PIT for each of the Market Roles as required. Please note, MHHS requirements differ by Market Role.

Q15. Are Participant's processes for Zip and Unzip testing files in scope for PIT?

Participants are required to demonstrate their ability to Zip and Unzip a file. However, the Participants specific system for Zip and Unzip will not be in Scope for PIT.

Q17. Will Participant's Reporting and Settlement be included in the Scope of PIT?

Participants do not need to provide testing evidence of their internal reporting as well as any reporting that will be delivered by Elexon Helix. However, Participant's ability to perform Settlement will be tested within their PIT.

Q18. How do Participants identify the full scope of PIT for each Role?

Participants should identify their systems that process, ingest or produce data which comes from or is used in the creation of DIP or DTN messages as part of the end-to-end MHHS Business Processes. These systems will be in scope for PIT for MHHS Qualification. Auxiliary systems that ingest this information but are not a part of the MHHS Business Process will not be included in the Scope of PIT for MHHS Qualification as those are currently deemed as consequential changes.

Q19. Will dispensations be granted where DIP Simulator failures or limitations are identified?

Participants should report all failures or limitations identified during PIT to the programme via the [Defects Process](#). Once defects are resolved then Participants will be required to complete their testing and demonstrate their testing evidence.