

IGT173 – Gateway Delivery of RPC Data

Testing Approach Overview

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Background

Modification IGT173 aims to update the mechanism of delivery of the RPC files from email/portal to IX delivery.

IGT173 has been approved by the IGT UNC Panel, and XRN 5720 has been approved by the DSC Committee. Both changes are targeting the Nov 2024 release for implementation.

To support delivery, a testing window for volunteering parties is being created ahead of delivery.

Only a small number of parties have expressed interest in testing as part of the modification responses.

Pre implementation testing is not planned for all IGT modifications; the approach for IGT173 will be bespoke. As part of IGT173 approval, the testing approach will require panel review ahead of commencement of the testing window.

Workgroup considerations / recommendations

- Confirmation of testing window duration – suggestion 3 weeks (may conclude quicker).
- Confirmation of testing window commencement date – suggestion 7th – 25th October.
- Workgroup recommendation that the testing scenarios deliver confidence for the approved business rules.
 - Do any additional scenario tests need including for any of the business rules?
- Do parties want to test anything which is outside of the stated business rules?
 - An example of this is a file which is an inconsistent file size e.g. 10 x larger than normal.
- Confirmation of testing parties – so far 2 x IGT and 2 x Shipper volunteers, anyone else?
- Do volunteering parties want to test with all participants or use a buddy system?
- Do volunteering parties want to have daily check in calls or another frequency?
- How do workgroup and volunteering parties want to capture testing evidence?
- How do workgroup and volunteering parties want to recommend release implementation to Panel?

Initial High-Level Testing Scenarios

- 1) The IGTs can successfully create a file using the guidance documentation.
- 2) Files are successfully cascaded between the IGT / CDSP / Shipper with successful notifications issued.
- 3) Files with invalid file extensions fail as expected and unsuccessful notifications are issued.
- 4) Files with invalid naming conventions fail as expected and unsuccessful notifications are issued.
- 5) Files with incorrect file numberings e.g. TKAB1234 fail and unsuccessful notifications are issued.

NOTES:

- File naming for testing use 'TN' rather than production 'PN' naming. Should PN files be used this may result in files be loaded into parties live environments.

Business Rules Testing

Business Rule	Scenario Test	Comment
1	1 & 2	IGT only test for creating the file to send
2	2	IGT, Shipper and CDSP test confirming successful IX delivery
3	2	Delivered via scenario 2, no additional scenarios outlined for this
4	-	IGTs may want to add in scenarios to test, no current scenarios captured
5	1, 2 & 3	IGT, Shipper and CDSP tests for valid and invalid scenarios
6	2 & 4	IGT, Shipper and CDSP tests for valid and invalid scenarios
7	-	No scenarios currently outlined as timing of the test window does not reflect live
8	-	Avoidance of date statement, no scenarios outlined for this
9	-	Offline process, no scenarios outlined for this
10	2	Delivered via scenario 2, no additional scenarios outlined for this
11	2	Delivered via scenario 2, no additional scenarios outlined for this
12	-	No scenarios as this rule is around completing testing
13	-	No scenarios as this relates to the post implementation review

Thank you

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