



Non- SIT LDSO QT – Smoke Testing Overview

UIT Smoke Testing – Aim & Scope

Aim:



Confirm end to end connectivity between LDSOs' systems and the DIP ahead of test start to support a smooth transition to qualification testing.



To help confirm that areas such as webhooks and certificates have been set up correctly.

Scope:



Smoke testing will cover both inbound and outbound messages and is expected to include:

- Test harness → DIP → DIP Adaptor* → LDSO's systems (UMSO, REGS and LDSO)
- LDSO's systems (UMSO, REGS and LDSO) → DIP Adaptor* → DIP

*whilst the strong preference is for this to be testing to go beyond the DIP Adaptor to show full end to end connectivity, testing between the DIP Adaptor to DIP could be agreed

UIT Smoke Testing – Approach

Stage 1: LDSO QT Team to LDSOs:

LDSO QT Team to send an IF-47 message to all participants*

Via test harness

LDSOs to confirm receipt of message – this should be for all three roles

* Please note: as not all LDSOs may be ready to start smoke testing on the same day, a LDSO may receive multiple PUB-47 messages

Stage 2: LDSO to DIP:

Participants to set up 'Error URL(s)'

Participants send a message (any message type except; IF-36) containing any MPAN. LDSOs should send an IF messages for all of their roles.

Participants receive an 'MSG1039 -Invalid MPAN' response, this demonstrates connectivity**.

Participants confirm response to LDSO QT via dedicated MS Teams channel (using the MPAN reference ID).

** A participant may receive another Level 1 validation error. Whilst this will show connectivity is in place, depending on the error code it may need to be investigated further e.g. 'MSG1001 - Schema Failure' as that would show the message is malformed and failed to complete schema Validation. If you receive a different validation error, please contact the LDSO QT Team to agree next steps

Timing

- Smoke testing will take place in November
- We will be issuing LDSOs a form to submit their preference of timing to conduct smoke testing
- The LDSO QT Team will confirm the allocated window and ensure support is available during smoke testing

Support

- We will schedule an initial kick off call with LDSOs to ensure everyone is clear on the process, roles and responsibilities and the support available. A wrap-up call will also be available to discuss how the process went, and any lessons learned.
- Management of smoke testing is expected to be via LDSO's Microsoft Teams channels as a dry run of the ways of working during test execution
- If a LDSO encounters an issue, we will arrange a call with Avanade Support to address it collectively and as quickly as possible
- If there is an issue that can't be addressed on that call, then a defect in ADO to be raised. This will also support a dry run of the ways of working during test execution