Conformance and Assurance Testing in the ATO

The Current State and the Future State

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Conformance Testing	Conformance Testing (Quality Improvements)	Conformance and Assurance Testing
Current State – In Place Today	Future State (Phase One) – (ASAP)	Future State (Phase Two) – (TBD)

Current State – In Place Today

DSP

Conformance

Conformance Suites

- Needed to Whitelist
- Issues with Data
- Invalid Schemas

Whitelisting

- DSP self-certifies they have achieved conformance
- DSP whitelisted and can proceed to Prod.

Assurance

BIG (inc. Scenarios)

- Illogical scenarios
- Invalid Data
- Testing insufficient

Production

PVT

- PVT operates beyond original intent, discovers issues in Prod
- Fills the gap created by lack of Assurance – cost of change is high

Summary of Conformance Testing

- Currently in place in the ATO today
- Conformance is a Mandatory Process that is a prerequisite to a DSP being Whitelisted
- Consists of a set of Conformance Suites which are defined by the ATO
- DSP's can send any data they like into EVTE – not restricted to ATO defined Conformance tests
- Scenarios are also available in the Business Implementation Guide (BIG) to provide guidance in how the policy should be interpreted.

Future State (Phase One) – (ASAP)

DSP

Conformance

Conformance Suites

- Need to Whitelist
- Data cleaned up
- Schemas corrected

Whitelisting

- DSP self-certifies they have achieved conformance
- DSP whitelisted and can proceed to Prod.

Assurance

BIG (inc. Scenarios)

- Improved Scenarios
- Business valid Data
- Aligned Documents

Production

PVT

- PVT operates beyond original intent, discovers issues in Prod
- Fills the gap created by lack of Assurance – cost of change is high

Summary of Conformance Test Improvements (Phase One)

- No Change to current Conformance Testing process, however this phase will improve the current state and act as the first step towards the Assurance Solution.
- Aims to improve Scenarios contained in the BIG
- Aims to provide Business valid data in the existing Scenarios
- Will deliver clean-up of Conformance Suite data
- Will be delivered for STP payevent as first candidate

Future State (Phase Two) – (TBD)

DSP

Conformance

Conformance Suites

- Need to Whitelist
- Data cleaned up
- Schemas corrected

Whitelisting

- DSP self-certifies they have achieved conformance
- DSP whitelisted and can proceed to Prod.

Assurance

BIG (inc. Scenarios)

- Improved Scenarios
- Business valid Data
- Improved Testing

Assurance Framework

- Includes Technical Solution and Scenario definitions.
- Confirmation of Assurance prior to Prod and PVT.

Production

PVT

- Need for PVT is reduced, used to confirm technical connection.
- Cost of Change reduced as Assurance solution finds issues early

Summary of Assurance Testing (Phase Two)

- Will be in addition to Conformance Testing process
- Assurance is an Optional Process, Conformance remains mandatory.
- Aims to deliver an Assurance Framework including the Technical Solution for Assurance and Scenario definitions.
- Aims to provide the results of testing (a report or statement of results is currently under consideration)
- Aims to reduce the need for PVT
- Will be delivered for STP payevent as first candidate

Legend

CURRENT STATE - NO ISSUE	CURRENT STATE – ISSUES	FUTURE STATE - IMPROVEMENT
• Information about the component	• Information about the component	• Information about the component