

PDP system testing evidence

**For pension providers**

Version 1.3

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# Overview

This document covers the format of the evidence to be collected and submitted during the system test phase. During system testing, participants are expected to collect evidence of the tests performed.

System test evidence will be required to be submitted through Salesforce for checking by the PDP test team prior to approval being granted to perform integration testing in the PDP pre-production environment.

Evidence must be collected in a Word document (or equivalent), exported as PDF, and submitted to MaPS via the standard Salesforce approach. Given the file limit size of 25MB, please copy-paste the relevant text to show the success, rather than using screenshots unless the specific test case specifies to attach the screenshot.

# Reference documents

Before you embark on system testing you need to be completely familiar with the standards documents.

1. System test cases
2. PDP connect system testing test pack
3. PDP technical standards
4. PDP data standards (refer to find and view schemas)

# Collecting and presenting the test evidence

The participant is expected to submit an evidence document in PDF format.

This must identify which test Harness/self-test harness or stub was used by the participant to verify the resource server under test’s interaction with content and authorisation. This will be one of:

* test harness provided by MaPS
* self-test harness or stub-test harness developed in-house

Each test case requires its own evidence. This will usually take the form of a screenshot of a Postman request/response, and/or logs copied from the test harness/self-test harness or stub. Self-test harness has to log the information required to support test evidence and the evidence is to be collected and presented in the format specified in this document.

There will be certain amount of self-assertion, such as when there should be no logs as there should have been no requests to the test harness/self-test harness or stub.

PDP require a 100% pass on all test cases with evidence to proceed to the next phase of testing.

It is acceptable to have the pages containing the evidence table in landscape orientation to make use of the extra width this will offer.

The evidence table submitted as part of the evidence document can have the format of the below examples:

# Example 1: Test case 1

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
| Find request: ISP does not register a resource with consent and authorisation when there is no match | PASS | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
| Self-asserted: No logs |  |

|  |
| --- |
| **Comments** |
|  |

# Example 2: Test case 2

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
| Find request: ISP will register a resource with consent and authorisation when there is a Full match | PASS | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
| 2024-08-19 13:47:31.717 -Content & Authorization Stub v1.1.2-SNAPSHOT. Processing POST request to /token with x-request-id: b7397c2b-7e4b-41a4-b906-2702acb765f7  REQUEST DETAILS     Request ID: b7397c2b-7e4b-41a4-b906-2702acb765f7     Request URI: /token     Request Method: POST      \* Headers:         x-request-id: b7397c2b-7e4b-41a4-b906-2702acb765f7         content-length: 343         host: localhost:8081         content-type: application/x-www-form-urlencoded         connection: Keep-Alive         accept-encoding: gzip,deflate         user-agent: Apache-HttpClient/4.5.13 (Java/17.0.11)      \* Request Parameters:         grant\_type: urn:ietf:params:oauth:grant-type:jwt-bearer         scope: uma\_protection         assertion: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzY29wZSI6IjE0IiwianRpIjoiNDkxMGY1YTItNGQ0NC00NDQ0LWIyNjAtY2EyY2U0MjQ1ZGZlIiwiaWF0IjoxNzE4NjMzOTI1LCJpc3MiOiJodHRwczovL3N0dWItY2FzLmNvLnVrIiwiZXhwIjoxODEzMjQxOTI1fQ.7K4n3926RS8Z\_8IK1oG\_onGjesVqSKkoQkePlaMNsqc    RESPONSE DETAILS     Response Status: 200     Response Content Type: application/json;charset=UTF-8     Response Content Encoding: UTF-8     Response Content Length: 260     \* Response JSON:         access\_token: eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6ImhhcHB5X3BhdGhfMTQiLCJpYXQiOjE1MTYyMzkwMjJ9.6cRuqDWiRjbVyiH3a9bS1RLGyAkk2sh8uSuAIqld08o         token\_type: pension\_dashboard\_pat         id\_token: null         upgraded: null         pct: null    2024-08-19 13:47:31.742 -Content & Authorization Stub v1.1.2-SNAPSHOT. Processing POST request to /rreguri with x-request-id: 17afe630-f414-4ad9-82f9-37208cfb732b  REQUEST DETAILS     Request ID: 17afe630-f414-4ad9-82f9-37208cfb732b     Request URI: /rreguri     Request Method: POST      \* Headers:         authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6ImhhcHB5X3BhdGhfMTQiLCJpYXQiOjE1MTYyMzkwMjJ9.6cRuqDWiRjbVyiH3a9bS1RLGyAkk2sh8uSuAIqld08o         x-request-id: 17afe630-f414-4ad9-82f9-37208cfb732b         content-length: 265         host: localhost:8081         content-type: application/json; charset=UTF-8         connection: Keep-Alive         accept-encoding: gzip,deflate         user-agent: Apache-HttpClient/4.5.13 (Java/17.0.11)      \* Request Body Parameters:         name: urn:pei:da3bd29a-9071-4c8f-97d6-a6310533533b:8b5ac228-461e-4db0-8b70-18bfa0a08874         description: TEST\_PEI\_1724071651722         match\_status: match-yes         inbound\_request\_id: 7f6ee5c3-3ea3-4661-96e6-ce067dceaf6e         resource\_scopes: [value, owner, delegate]    RESPONSE DETAILS     Response Status: 201     Response Content Type: application/json;charset=UTF-8     Response Content Encoding: UTF-8     Response Content Length: 54     \* Response JSON:         resource\_id: 7b34a842-0b22-4344-9f7f-b21ff155d6f9 |  |

|  |
| --- |
| **Comments** |
|  |

# Evidence required from test case execution

The evidence required from each test case is listed below:

|  |  |  |
| --- | --- | --- |
|  | **Evidence from Logs** | **Evidence from Postman** |
| Test case 1 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name, For example, test case 1 - Find request- resource server does not register a resource with Stub consent and authorisation when there is no match * Response status. For example, 202 Accepted |
| Test case 2 | * logs showing POST /token request and response * logs showing POST /rreguri request (match-yes) and response | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 3 | * logs showing POST /token request and response * logs showing POST /rreguri request (match-possible) and response | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 4 | * logs showing POST /token request and response * logs showing POST /rreguri request (match-possible) and response * logs showing PATCH /rreguri request (match-yes) and response | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 5 | * logs showing first POST /token request and response. * logs showing first POST /rreguri request and response. * logs showing second POST /token request (with different UAT) and response. * logs showing second POST /rreguri request (with second PAT) and response. | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 6 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name, For example, test case 6 - the resource server must validate the contents of the Find request and reject it if the X- Request- ID Header is missing. * Response status. For example, 400 Bad Request |
| Test case 7 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 8 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 9 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 10 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 11 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 12 | * logs showing POST /token request and response. * logs showing only one POST /rreguri request (match-possible) and response. | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 13 | * logs showing POST /token request and response. * logs showing only one POST /rreguri request (match-yes) and response. | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 14 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 15 -NA | Not applicable | Not applicable |
| Test case 16 | * logs showing POST /token request and response. * logs showing POST /rreguri request (match-possible) and response. * logs showing PATCH /rreguri request (match-yes) and response. | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 17 | * logs showing DELETE /rreguri (match-no) request and response (204). | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 18 | * logs showing DELETE /rreguri (match-timeout) request and response (204). | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 19 | * logs showing DELETE /rreguri (match-withdrawn) request and response (204). | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 20 | * logs showing DELETE /rreguri (asset-removed) request and response (204). | Not needed if test case1 has passed and Postman screenshot is provided. |
| Test case 21 | Self-assert that there are no requests to test harness/stub consent and authorisation. | Screenshot showing:   * Postman request name * Response status. For example, 400 Unauthorized |
| Test case 22 | * logs showing POST /perm request and response | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 23 | * logs showing POST /introspect request and response. * logs showing POST /perm request and response. | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 24 | * logs showing POST /introspect request and response | Screenshot showing:   * Postman request name * Response status. For example, 400 Bad Request |
| Test case 25 | * logs showing POST /introspect request and response. * logs showing POST /perm request and response. | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 26 | * logs showing POST /introspect request and response. * logs showing POST /perm request and response. | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 27 | * logs showing POST /introspect request and response. * logs showing POST /perm request and response. | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 28 | * logs showing POST /introspect request and response. * logs showing POST /perm request and response | Screenshot showing:   * Postman request name * Response status. For example, 401 Unauthorized * Response headers |
| Test case 29 | * logs showing POST /introspect request and response. | Screenshot showing:   * Postman request name * Response status. For example, 200 OK * Response body |
| Test case 30 | * logs showing POST /introspect request and response. | Screenshot showing:   * Postman request name * Response status. For example, 200 OK * Response body |

# Submitting test evidence to PDP

System test evidencing submitted through Salesforce, is required to prove the successful execution of all PDP system test cases as defined in this document. A PDF document provided by the participant will need to be submitted covering test results for all the test scripts provided by PDP.

The screenshot below shows how participants upload the evidence via Salesforce.

A screenshot of a computer

Description automatically generated

On receipt of the test evidence report submitted through Salesforce, the PDP test team will advise if the test results have been accepted.

# Test details

## Date

Enter the date you ran your tests.

|  |
| --- |
| **Date** |
|  |

## Test harness used

Select whether you are using you the MaPS test harness, self-test harness or a combination.

|  |
| --- |
| **Test harness used** |
| MaPS test harness only  Self-test harness only  Combination of MaPS test harness and self-test harness |

If you are using a combination, select the test harness used for each test case when completing this document.

# Test case 1

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

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| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
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| --- |
| **Comments** |
|  |

# Test case 2

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

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| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
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# Test case 3

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

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| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 4

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 5

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 6

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
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# Test case 7

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 8

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 9

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 10

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 11

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 12

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 13

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 14

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 15 – Not applicable

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
| NA | NA | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
| NA | NA |

|  |
| --- |
| **Comments** |
|  |

# Test case 16

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 17

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 18

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 19

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 20

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 21

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 22

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 23

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 24

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| --- |
| **Comments** |
|  |

# Test case 25

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 26

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 27

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 28

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

|  |
| --- |
| **Comments** |
|  |

# Test case 29

|  |  |  |
| --- | --- | --- |
| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

|  |  |
| --- | --- |
| **Evidence from logs** | **Evidence from Postman** |
|  |  |

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| **Comments** |
|  |

# Test case 30

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| **Test name** | **Result** | **Test harness used (if using a combination)** |
|  |  | MaPS test harness  Self-test harness |

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| **Evidence from logs** | **Evidence from Postman** |
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| **Comments** |
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