

MO-008a — Test Result Traceability

[Go to MO-008 — Traceable Test Results and Evidence](#)

Statement

DIDO-TE SHALL maintain [Traceability](#) from each [Test Result](#) to the applicable [Test Definition](#), [Test Execution](#), [Candidate Solution](#), Test Environment, configuration, inputs, observations, and outcome.

Derived From

MO-008a derives from [MO-008 — Traceable Test Results and Evidence](#).

MO-008a specifies the Test Result Traceability portion of MO-008.

Rationale

A Test Result has limited evidentiary value when reviewers cannot determine how DIDO-TE produced it or the conditions under which the applicable test ran.

Traceability connects each Test Result to the Test Definition governing the test, the Test Execution that produced the result, the Candidate Solution under test, and the Test Environment and configuration in which execution occurred. Traceability also identifies the inputs, observations, and outcome associated with the result.

These relationships allow reviewers, auditors, and authorization authorities to interpret the Test Result, evaluate its relevance, reproduce the applicable test conditions, and distinguish results produced by different executions, configurations, or Candidate Solution versions.

MO-008a addresses Traceability for Test Results. [MO-008b — Evidence Traceability](#) separately addresses Traceability for Evidence.

Applies To

MO-008a applies to:

- [DIDO-TE](#)
- [Test Results](#)
- [Traceability](#)
- [Test Definitions](#)
- [Test Executions](#)
- [Candidate Solutions](#)

- Test Environments
- Configurations
- Test inputs
- Observations
- Test outcomes

Verification

Verification confirms that:

1. Each Test Result has a persistent unique identifier
2. Each Test Result identifies the applicable Test Definition
3. Each Test Result identifies the Test Execution that produced it
4. Each Test Result identifies the Candidate Solution under test
5. Each Test Result identifies the applicable Test Environment
6. Each Test Result identifies the configuration used during Test Execution
7. Each Test Result identifies or references the applicable test inputs
8. Each Test Result identifies or references the observations used to determine the outcome
9. Each Test Result records the resulting outcome
10. The recorded relationships remain available throughout the applicable Test Result lifecycle
11. An authorized reviewer can follow the recorded relationships from the Test Result to each applicable object

Referenced By

The following pages reference this requirement:

- [MO-008b — Evidence Traceability](#)

Delivery Phase

☐ Assign the delivery phase for MO-008a.

Implementation Status

☐ Record the implementation status of MO-008a after reviewing the implementation plan.

Requirement Status

☐ The proposed derived requirement requires review and acceptance.

Issues

- ☐ Confirm the minimum relationships required to establish Test Result Traceability.
- ☐ Confirm whether Test Environment, configuration, test input, observation, and test outcome are existing defined concepts or require glossary entries.
- ☐ Define the persistent identifier scheme used for Test Results and related records.
- ☐ Determine the lifecycle period during which DIDO-TE maintains Test Result Traceability.
- ☐ Determine whether Test Result Traceability includes the applicable requirements, acceptance criteria, test procedures, Candidate Solution version, and deployment baseline.
- ☐ Confirm that MO-008a, together with MO-008b, preserves the complete intent of MO-008.

Notes for Editors

Use the following code to reference the Statement section from another wiki page:

```
{{section>dido:03-dido-te:99-annexes:annex-c-requirements:01-mission-objectives:mo-008:mo-008a#Statement&noheader&nofooter&noeditbtn}}
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