

MO-007a — Connected Environment Operation

[Go to MO-007 — Connected, Disconnected, and Air-Gapped Operation](#)

Statement

DIDO-TE SHALL perform testing operations in a [Connected Environment](#) using permitted external network connections and services.

Derived From

MO-007a derives from [MO-007 — Connected, Disconnected, and Air-Gapped Operation](#).

MO-007a specifies the Connected Environment portion of MO-007.

Rationale

A Connected Environment provides access to permitted external networks and services during testing operations.

Connected Environment operation permits DIDO-TE to obtain approved testing artifacts, dependencies, configurations, test data, policies, and updates through authorized network connections. It also permits DIDO-TE to interact with approved external services required by a test.

External connectivity introduces dependencies and risks that affect test execution and interpretation. DIDO-TE records the external network connections and services used during each test execution so that the resulting [Evidence](#) preserves [Traceability](#) to the relevant operating conditions.

Connected Environment operation does not imply unrestricted network access. Applicable security, authorization, configuration, monitoring, and evidence controls govern each permitted connection and external service.

Applies To

MO-007a applies to:

- DIDO-TE
- Connected Environments
- Test Definitions
- Candidate Solutions

- Test execution
- External network connections
- External services
- Test Results
- Evidence
- Traceability
- Connected Environment operating procedures

Verification

Verification confirms that:

1. DIDO-TE performs testing operations in a Connected Environment
2. DIDO-TE uses only permitted external network connections and services during test execution
3. DIDO-TE applies the applicable security and authorization controls to each external network connection and service
4. DIDO-TE identifies the external network connections and services required by the Test Definition
5. DIDO-TE records the external network connections and services used during each test execution
6. DIDO-TE records external-service failures, interruptions, or changes that affect test execution or interpretation of the Test Results
7. The Evidence preserves Traceability to the Connected Environment and its relevant connectivity conditions

Referenced By

The following pages reference this requirement:

Plugin Backlinks: Nothing was found.

Delivery Phase

☐ Assign the delivery phase for MO-007a.

Implementation Status

☐ Record the implementation status of MO-007a after reviewing the implementation plan.

Requirement Status

☐ The proposed derived requirement requires review and acceptance.

Issues

- ☐ Confirm the testing operations included within the scope of Connected Environment operation.
 - ☐ Define how DIDO-TE identifies and authorizes permitted external network connections and services.
 - ☐ Determine which connectivity conditions DIDO-TE records for each test execution.
 - ☐ Determine how DIDO-TE records changes, interruptions, and failures involving external networks and services.
 - ☐ Confirm that MO-007a, together with MO-007b and MO-007c, preserves the complete approved intent of MO-007.
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Notes for Editors

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

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{{section>dido:03-dido-te:99-annexes:annex-c-requirements:01-mission-objectives:mo-007:mo-007a#Statement&noheader&nofooter&noeditbtn}}
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