

FR-AG-005 — Deployment Traceability Across Disconnected Environments

[Go to Crucible Air-Gapped Operations Requirements](#)

Statement

[Crucible](#) SHALL maintain [Deployment Traceability](#) across [Disconnected Environments](#).

Derived From

This requirement derives from:

- Crucible System Requirements Specification, Version 1.1 Draft, Functional Requirements, FR-AG-005

The Original Requirement states:

The system shall maintain deployment traceability across disconnected environments.[\[C1\]](#)

FR-AG-005:

- Replaces **The system** with the defined system name [Crucible](#)
- Changes **shall** to the established uppercase normative form **SHALL**
- Links **Deployment**, **Traceability**, and **Disconnected Environments** to their controlling definitions

No other substantive normalization is required.

Rationale

[Deployment Traceability](#) allows an evaluator to relate a deployment performed within a [Disconnected Environment](#) to the controlled information associated with that deployment.

Relevant traceability information can include relationships among:

- Deployment inputs
- Deployment operations
- Deployment results
- [Baselines](#)
- [Artifacts](#)
- Transfer records
- Validation results

- [Evidence](#)

This requirement does not prescribe:

- A particular set of traceability relationships
- A centralized traceability repository
- Direct network communication among Disconnected Environments
- A traceability data model
- An identifier format
- A transfer mechanism
- A repository implementation

Separate requirements, architecture specifications, workflows, or policies define those subjects.

Applies To

This requirement applies to:

- [Crucible](#)
- [Deployments](#)
- [Traceability](#)
- [Disconnected Environments](#)

Verification

Verification confirms that:

1. A Deployment involving one or more Disconnected Environments is selected for testing
2. Traceability information associated with the tested Deployment is identified
3. [Crucible](#) maintains the identified Deployment Traceability across the tested Disconnected Environments
4. The maintained traceability information allows the tested Deployment and its associated controlled information to be related
5. The traceability information remains available without requiring prohibited direct communication between the tested Disconnected Environments

Referenced By

The following pages reference this requirement:

- [3.3 Security Domains and Transfer Boundaries](#)
- [7.4 Import the Transfer Bundle](#)
- [C.3.5 Air-Gapped Operations](#)
- [Annex D: Requirements Traceability](#)

Implementation Status

Implemented and Verified

Requirement Status

☐ Review and approve FR-AG-005 as a leaf requirement.

Issues

☐ Determine whether separate requirements define the minimum traceability relationships required for disconnected Deployments.

☐ Determine whether separate requirements define how traceability information is transferred between environments.

Notes for Editors

This requirement page retains the stable requirement identifier FR-AG-005.

This page is a leaf requirement page and omits a trailing :start from its namespace.

The Statement preserves the approved source intent by requiring Crucible to maintain Deployment Traceability across Disconnected Environments.

Do not add a mandatory list of source Baselines, transferred Artifacts, deployment inputs, deployment results, transfer records, or Evidence to the Statement unless the controlling requirement changes through an approved requirements process.

Do not interpret **across Disconnected Environments** as requiring direct network communication between those environments.

To reference this requirement Statement from another wiki page, insert:

```
{{section>dido:02-crusible:99-annexes:annex-c-requirements:03-functional-requirements:03-05-air-gap-operations:fr-ag-005#Statement&noheader&nofooter&noeditbtn}}
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Last update: **2026/07/30 06:00**

