FR-DEP-007 — Deployment Validation

Go to Crucible Deployment Orchestration Requirements

Statement

Crucible SHALL perform Deployment Validation.

Derived From

This requirement derives from:

- Crucible System Requirements Specification, Version 1.1 Draft, Functional Requirements, FR-DEP-007

The Original Requirement states:

> *The system shall support Deployment Validation.*[C1]

FR-DEP-007:

- Replaces **The system** with the defined system name Crucible
- Changes **shall** to the established uppercase normative form **SHALL**
- Replaces the weak verb **support** with the observable behavior **perform**
- Links **Deployment Validation** to the controlling definition

No other substantive normalization is required.

Rationale

Deployment Validation determines whether a deployment result satisfies the conditions governing acceptance of that deployment.

This requirement establishes the ability to perform Deployment Validation without prescribing:

- The deployment subject
- The validation method
- The applicable Acceptance Criteria
- Compliance-assessment behavior
- Rollback behavior
- Recovery behavior
- Preservation of validation results
- Validation tools or implementation technology

Separate requirements, specifications, workflows, or policies define those subjects and behaviors.

Applies To

This requirement applies to:

- Crucible
- Deployment Validation
- Deployments

Verification

Verification confirms that:

1. A tested Deployment is selected for validation
2. Crucible performs Deployment Validation for the tested Deployment
3. The result of the tested Deployment Validation can be determined

Referenced By

The following pages reference this requirement:

- 5.6 Validate the Result
- Annex D: Requirements Traceability

Implementation Status

Implemented and Verified

Requirement Status

☐ Review and approve FR-DEP-007 as a leaf requirement.

Issues

☐ Determine whether separate requirements identify the Acceptance Criteria used for Deployment Validation.

☐ Determine whether separate requirements govern preservation of the Deployment Validation

result.

Notes for Editors

This requirement page retains the stable requirement identifier `FR-DEP-007`.

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 perform Deployment Validation.

Do not add a specific deployment subject, Acceptance Criteria, validation method, compliance-assessment, rollback, recovery, logging, or validation-record obligation unless the controlling requirement changes through an approved requirements process.

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

```
{{section>dido:02-crusible:99-annexes:annex-c-requirements:03-functional-requirements:03-03-deployment-orchestration:fr-dep-007#Statement&noheader&nofooter&noeditbtn}}
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