

FR-DEP-005 — Deploy Platform Services

[Go to Crucible Deployment Orchestration Requirements](#)

Statement

[Crucible](#) SHALL deploy [Platform Services](#).

Derived From

This requirement derives from:

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

The Original Requirement states:

The system shall deploy [Platform Services](#). [C1]

FR-DEP-005:

- Replaces **The system** with the defined system name [Crucible](#)
- Changes **shall** to the established uppercase normative form **SHALL**
- Links **Platform Services** to the controlling definition

No other substantive normalization is required.

Rationale

A [Platform Service](#) provides a shared capability used by applications, workloads, operators, or other platform components.

Deploying Platform Services enables Crucible to establish shared platform capabilities through separately governed deployment workflows.

This requirement establishes Platform Service deployment without prescribing:

- The Platform Services included in a particular deployment
- The target Infrastructure Environment
- The Deployment Target
- The deployment platform
- The service implementation
- Service activation
- Service availability

- Service scaling
- Monitoring
- Deployment validation
- Deployment rollback
- Compliance assessment

Separate requirements define those subjects and behaviors.

Applies To

This requirement applies to:

- [Crucible](#)
- [Platform Services](#)
- Platform Service deployment operations

Verification

Verification confirms that:

1. One or more Platform Services are selected for deployment
2. [Crucible](#) executes a deployment operation for the selected Platform Services
3. The completed deployment produces the selected Platform Services
4. The resulting Platform Services can be identified as outputs of the tested deployment

Referenced By

The following pages reference this requirement:

- [3.2 Deployment Environments](#)
- [5.5 Deploy the Environment](#)
- [6.2 Deploy in a Connected Environment](#)
- [7.6 Rebuild and Deploy](#)
- [Annex D: Requirements Traceability](#)

Implementation Status

Implemented and Verified

Requirement Status

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

Issues

- ☐ Determine whether separate requirements identify the configuration used for each Platform Service deployment.
- ☐ Determine whether separate requirements identify the Deployment Target or Infrastructure Environment for each Platform Service deployment.

Notes for Editors

This requirement page retains the stable requirement identifier FR-DEP-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 deploy Platform Services.

Do not add a target Infrastructure Environment, Deployment Target, deployment platform, service implementation, activation, availability, scaling, monitoring, rollback, validation, compliance-assessment, or retirement 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-005#Statement&noheader&nofooter&noeditbtn}}
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