

FR-DEP-001 — Deploy Infrastructure Resources

[Go to Crucible Deployment Orchestration Requirements](#)

Statement

[Crucible](#) SHALL deploy [Infrastructure Resources](#).

Derived From

This requirement derives from:

- Crucible System Requirements Specification, Version 1.1 Draft, Functional Requirements, FR-DEP-001

The Original Requirement states:

The system shall deploy infrastructure resources.[\[C1\]](#)

FR-DEP-001:

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

No other substantive normalization is required.

Rationale

[Infrastructure Resources](#) provide the compute, storage, networking, security, identity, and supporting capabilities required by infrastructure.

Deploying Infrastructure Resources enables Crucible to realize infrastructure definitions through separately governed deployment workflows.

This requirement establishes the deployment behavior without prescribing:

- The Infrastructure Resources included in a particular deployment
- The target environment
- The deployment platform
- The deployment tool
- The deployment sequence

- Deployment validation
- Deployment rollback
- Compliance assessment

Separate requirements define those subjects and behaviors.

Applies To

This requirement applies to:

- [Crucible](#)
- [Infrastructure Resources](#)
- [Infrastructure Deployment](#)

Verification

Verification confirms that:

1. One or more Infrastructure Resources are selected for deployment
2. [Crucible](#) executes a deployment operation for the selected Infrastructure Resources
3. The completed deployment produces the selected Infrastructure Resources
4. The resulting Infrastructure Resources 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-001 as a leaf requirement.

Issues

- ☐ Determine whether separate requirements identify the source that selects the Infrastructure Resources for a deployment.
- ☐ Determine whether separate requirements identify the Deployment Target or Infrastructure Environment for the deployed Infrastructure Resources.

Notes for Editors

This requirement page retains the stable requirement identifier FR-DEP-001.

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 Infrastructure Resources.

Do not add a target Infrastructure Environment, Deployment Target, Infrastructure Configuration, deployment-validation, rollback, compliance-assessment, lifecycle-recording, or resource-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-001#Statement&noheader&nofooter&noeditbtn}}
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