

ENV-001g — Define Configuration Values

[Go to ENV-001 — Define Test Environment](#)

Statement

The [DIDO-TE](#) SHALL define each [Configuration](#) value applicable to a [Test Environment](#) or record that no Configuration value applies and provide the basis for the determination.

Derived From

- [\[DTE5\] DIDO-TE Requirements Register](#), source requirement identifier and obligation to be assigned
- [\[DTE6\] Structured Information Processing Reference Architecture \(SIP-RA\)](#)
- [\[DTE7\] Federated Data Interpretation Systems Reference Architecture \(FDIS-RA\)](#)

Rationale

Defining the applicable [Configuration](#) values establishes the settings required to instantiate and operate a [Test Environment](#) in its intended state.

The defined values support validation of the instantiated Test Environment, reproduction of its starting state, comparison between Test Environments, and assessment of whether a Configuration difference influenced a [Test Result](#).

An explicit determination that no Configuration value applies distinguishes an intentional condition from missing information.

Applies To

- [Test Environment](#)
- [Configuration](#)
- [Node](#)
- [Test Object](#)
- [Test Resource](#)

Verification

Verification confirms that:

- Each Test Environment defines every applicable Configuration value.

- Each defined Configuration value identifies the element or property to which it applies.
- Each applicable Configuration value in the instantiated Test Environment corresponds to a defined value.
- A Test Environment without an applicable Configuration value records the determination and its basis.
- A missing or undefined applicable Configuration value constitutes nonconformance with this requirement.

Verification includes:

- Inspection of the controlled information for each Test Environment
- Inspection of the defined Configuration values
- Inspection of the Configuration values present in the instantiated Test Environment
- Comparison of the defined values with the values present in the instantiated Test Environment
- Inspection of recorded determinations that no Configuration value applies
- Inspection of the basis recorded for each such determination
- A negative assessment using a missing, undefined, or unexpected Configuration value
- Confirmation that the negative assessment produces a nonconformance result

Referenced By

Plugin Backlinks: Nothing was found.

Related Architecture Sections

- Add links to the architecture sections governing Test Environment Configuration and configuration control.

Delivery Phase

Assign the applicable delivery phase.

Requirement Status

Draft

Statement Reference

Use the following syntax to reference this requirement's Statement section from another DokuWiki page:

```
{{section>dido:03-dido-te:99-annexes:annex-c-requirements:02-test-environment-requirements:env-001-define-test-environment:env-001g-define-configuration-values#Statement&noheader&nofooter&noeditbtn}}
```

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Last update: 2026/08/18 12:34

