

SvcV-3a Systems-Services Matrix

Description

A SvcV-3a enables a quick overview of all the system-to-service resource interactions specified in one or more [SvcV-1 Services Context Description](#) models. The SvcV-3a provides a tabular summary of the system and services interactions specified in the SvcV-1 Services Context Description for the Architectural Description. This model can be useful in support existing systems that are transitioning to provide services. The matrix format supports a rapid assessment of potential commonalities and redundancies (or, if fault-tolerance is desired, the lack of redundancies).

The SvcV-3a can be organized in a number of ways to emphasize the association of system-to-service interactions in context with the architecture's purpose.

The intended usage of the SvcV-3a includes:

- Summarizing system and service resource interactions.
- Interface management.
- Comparing interoperability characteristics of solution options.

Implementation

SvcV-3a can be represented using a SvcV-3a diagram which is non editable Dependency Matrix.

The SvcV-3a provides a tabular summary of the system and services interactions specified in the [SvcV-1 Services Context Description](#). Each Resource Exchange listed in the SvcV-3a table should be traceable to Operational Exchange listed in the corresponding [OV-3 Operational Resource Flow Matrix](#). Each Resource Exchange may relate to a known Function (from [SvcV-4](#)) that produces or consumes it. Data Elements as well as the other type of Resource Exchange Items are exchanged by Service Providers and Service Requesters represented in [SV-6 table](#).

Related elements

- [Service Specification](#)
- [Resource Artifact](#)
- [Capability Configuration](#)
- [Software](#)
- [Organization](#)
- [Post](#)
- [Resource Exchange](#)
- [Data Element](#)

Related procedures

- [Creating SvcV-3a matrix](#)
- [Creating Resource Exchange in SvcV-3a matrix](#)