

# Services Constraints

## Description

The Services Constraints (Sv-Cn) domain shows the service policies that apply to implementations of service specifications. It specifies traditional textual service policies that are constraints on the way that service specifications are implemented within resources. The addition of SysML parametrics provide a computational means of defining service policies across the enterprise or within a specific service configuration.

The purpose of the Services Constraints (Sv-Cn) domain is to specify constraints that apply to providers and consumers of services. To better enable consistency and re-use of service specifications, it is important to set constraints on how a service should behave. A Services Constraints (Sv-Cn) domain product specifies constraints against services to which implementations of the service must conform.

## Implementation

The Services Constraints (Sv-Cn) domain is represented by:

- [Services Constraints table](#).
- [Services Constraints Definition diagram](#).
- Services Constraints Excel Spreadsheet (.xlsx) report.

## Sample

| # | Applies To                           | △ Rule Specification   | Rule Kind  |
|---|--------------------------------------|--|------------|
| 1 | 🔧 Land Search and Rescue Service     | Any member involved in the operation of road vehicles <u>must have</u> a clean driving record. | Constraint |
| 2 | 🔧 Maritime Search and Rescue Service | All members of the rescue team <u>must be</u> able to swim.                                    | Constraint |
| 3 | 🔧 Search and Rescue Service          | No member or the search and rescue team should put themselves in unnecessary danger.           | Constraint |
| 4 | 🔧 Search and Rescue Service          | All members of the rescue team <u>must be</u> able to perform basic first aid.                 | Constraint |

An example of the Services Constraints table

## Related elements

- [Rule](#)
- [Service Policy](#)
- [Service](#)

## Related procedures

- [Working with Services Constraints table](#)
- [Working with Services Constraints Definition diagram](#)
- [Generating document based reports](#)