Services Constraints

Description

The Services Constraints (Sv-Cn) domain shows the service policies that apply to the implementation of services. It specifies traditional textual service policies that are constraints on how services are implemented within resources. The addition of SysML parametrics provides 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 services, 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	Name	Rule Specification	Rule Kind
1	⚒ Search and Rescue Service	(SP) Danger	No member or the search and rescue team should put themselves in unnecessary danger.	Constraint
2	⚒ Land Search and Rescue Service	(SP) Driving Record	Any member involved in the operation of road vehicles must have a clean driving record.	Constraint
3	⚒ Search and Rescue Service	(SP) First Aid	All members of the rescue team must be able to perform basic first aid.	Constraint
4	N1 Operational Connector[Oper	(SC) Secure Comms	Communication services shall be encrypted and secure.	Constraint

An example of the Services Constraints table

Related elements

- Rule
- Service
- Service Contract
- Service Policy

Related procedures

- Working with Services Constraints table
- Working with Services Constraints Definition diagram

- Generating document based reports