SvcV-7 Services Measures Matrix

Description

The SvcV-7 depicts the measures (metrics) of resources. The Services Measures Matrix expands on the information presented in an SvcV-1 Services Context Description by depicting the characteristics of the resources in the SvcV-1 Services Context Description.

In addition, this model is useful in support of the net-centric (service-oriented) implementation of services. Service measures for Service Level Agreements for each service and may include a number of service consumers, service usage by consumers, and the minimum, average and maximum response times, allowed downtime, etc. Measures of interest for a Chief Information Office or Program manager may include measures that assess service reuse, process efficiency, and business agility.

The intended usage of the SvcV-7 includes:

- Definition of performance characteristics and measures (metrics).
- Identification of non-functional requirements.

Implementation

SvcV-7 can be represented using:

- SvcV-7 Typical measures table

#	Property Set	Measurements
1	Search & Rescue Service	Standard SAR Measurements : Standard SAR Measurements [*]
2	Search & Rescue Service	Standard SAR Measurements : Standard SAR Measurements [*]
3	Maritime Search & Rescue Service	Maritime SAR Measurements : Maritime SAR Measurements [*]
4	Maritime Search & Rescue Service	Maritime SAR Measurements : Maritime SAR Measurements [*]
5	Search Node	Land SAR Measurements : Land SAR Measurements [*] Maritime SAR Measurements : Maritime SAR Measurements [*]
6	Land Search & Rescue Service	Land SAR Measurements : Land SAR Measurements [*]
7	Land Search & Rescue Service	Land SAR Measurements : Land SAR Measurements [*]

- Hierarchical Typical Measurements table
- Hierarchical Actual Measurements table
- SvcV-7 Actual measures table

#	Property Set	Performance Requirement	Measure	Metric	Intention
1	Maritime Search & Rescue Service	seaConditions	popple	String	Actual
2	Search & Rescue Service	weatherConditions	cloudy	String	Actual
3	Search & Rescue Service	searchCoverage	140000.0	m	Estimate
4	Search & Rescue Service	persistence	48.0	hour	Required
5	Search & Rescue Service	findTime	24.0	hour	Required
6	Land Search & Rescue Service	terrainType	land	String	Required

- SvcV-7 actual measures spreadsheet report

Related elements

- Service
- Measurement Set
- Actual Measurement
- Actual Measurement Set
- Measurement

Related procedures

- Working with Typical Measurements table
- Creating Actual Measurements table
- Working with hierarchical Typical Measurements table
- Working with hierarchical Actual Measurements table
- Generating an Actual Measurements table from a Typical Measurements table
- Generating document based reports