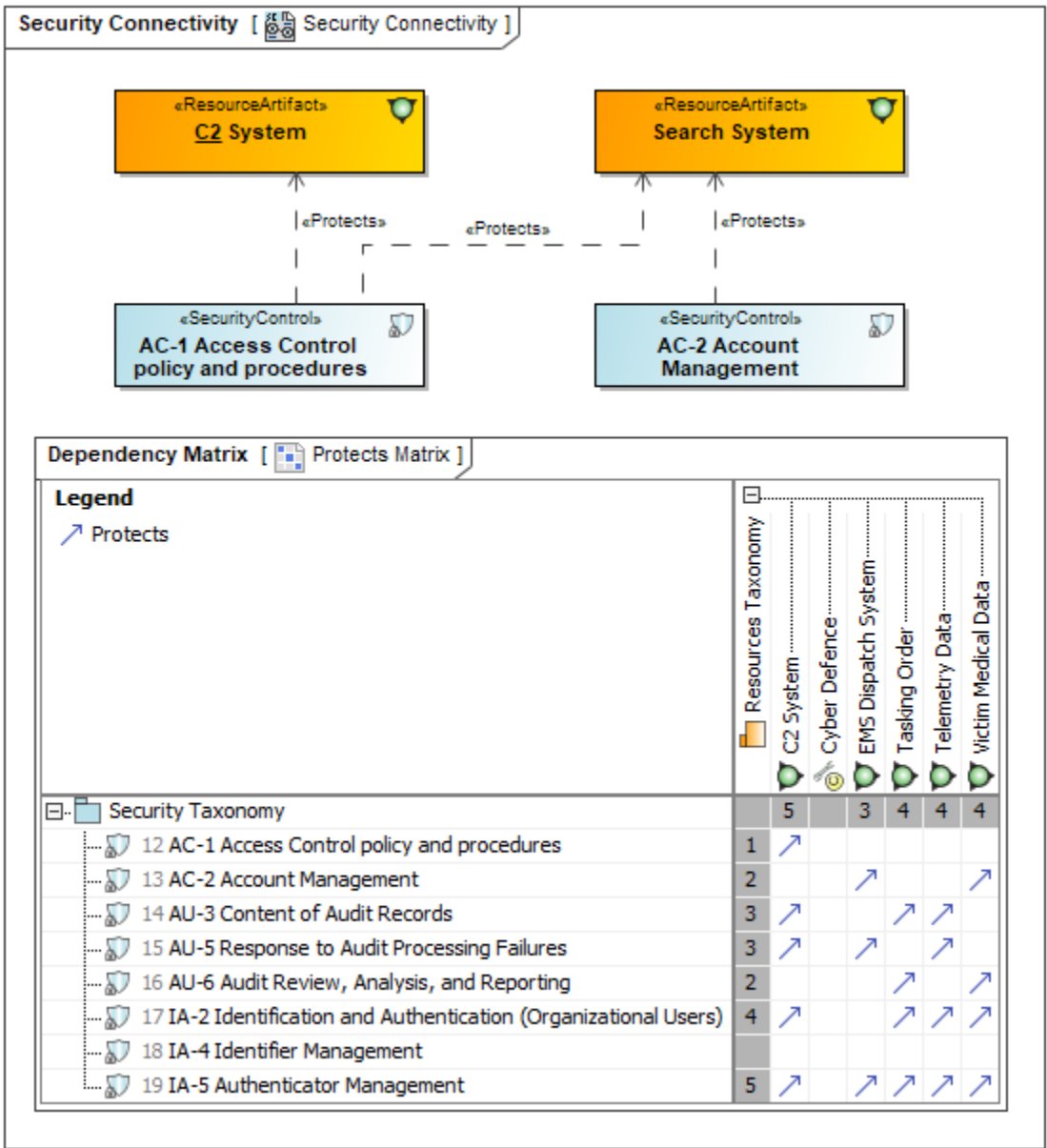# Security Connectivity

Description

The Security Connectivity (Sc-Cn) domain addresses the security constraints and information assurance attributes that exist on exchanges across resources and across performers. It lists security exchanges across security assets; the applicable security controls; and the security enclaves that house the producers and consumers of the exchanges. Measurements can optionally be included.

Implementation

The Security Connectivity (Sc-Cn) domain is represented by:

- Security Connectivity diagram.
- Security Internal Connectivity diagram.
- Security Connectivity Table.
- Security Role-based Connectivity Table.
- Reports (.xlsx):
  - Security Connectivity Table Excel Spreadsheet.
  - Security Role-based Connectivity Table Excel Spreadsheet.

Sample

An example of the Security Connectivity diagram
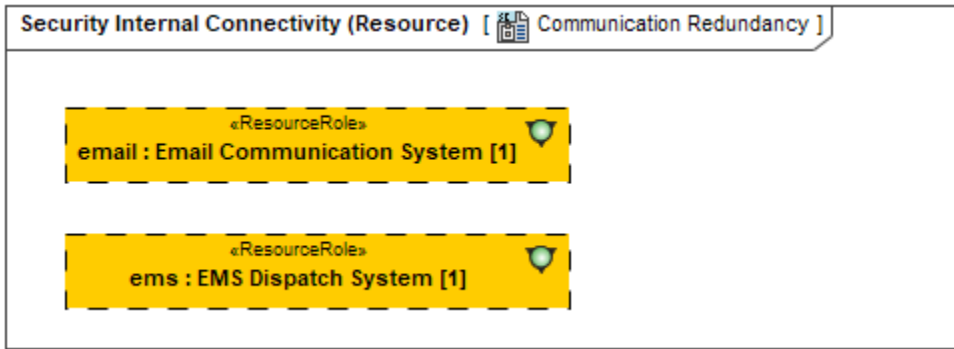
An example of the Security Internal Connectivity diagram

#	△ Exchange ID	Resource Exchange Item	Sending Resource	Receiving Resource	Realized By	securityClassification
1	RI10	DE13 CrossDomainUpdate	Cyber Defense Software	Sec-Enclave-1	Resource Connector[cyber Defense Software.cybDefCrDom - Sec-Enclave-1.cybDefCrDom]	Classified
2	RI11	DE13 CrossDomainUpdate	Sec-Enclave-1	Cross Domain Solution	Resource Connector[cybDefCrDom - cross Domain Solution.cybDefCrDom]	Classified
3	RI12	DE14 TaskOrder	C2 System	Cross Domain Solution	Resource Connector[C2 System.c2CrossDom - cross Domain Solution.c2CrossDom]	Classified
4	RI13	DE15 CleansedTaskOrder	Cross Domain Solution	Sec-Enclave-1	Resource Connector[cross Domain Solution.crDomSrchSys - crDomSrchSys]	Classified
5	RI14	DE15 CleansedTaskOrder	Sec-Enclave-1	UNCLASS-Area	Resource Connector[Sec-Enclave-1.crDomSrchSys - uNCLASS-Area.crDomSrchSys]	Unclassified
6	RI15	DE15 CleansedTaskOrder	UNCLASS-Area	Search System	Resource Connector[crDomSrchSys - search System.crossDomSrchSys]	Unclassified

An example of the Security Connectivity table

#	Exchange ID	Resource Exchange Item	Sending Role	Sending Resource	Sending Port	△ Receiving Role	Receiving Resource	Receiving Port	securityClassification
1	RI13	DE15 CleansedTaskOrder	cross Domain Solution : C...	Cross Domain Solution	inout crDomSrchSys...		Sec-Enclave-1	inout crDomSrch...	Classified
2	RI11	DE13 CrossDomainUpdate		Sec-Enclave-1	inout cybDefCrDom : ...	cross Domain...	Cross Doma...	inout cybDefCrD...	Classified
3	RI12	DE14 TaskOrder	C2 System : C2 System [1]	C2 System	inout c2CrossDom : ...	cross Domain...	Cross Doma...	inout c2CrossDom...	Classified
4	RI15	DE15 CleansedTaskOrder		UNCLASS-Area	inout crDomSrchSys...	search Syst...	Search Syst...	inout crossDomSr...	Unclassified
5	RI10	DE13 CrossDomainUpdate	cyber Defense Software...	Cyber Defense Software	inout cybDefCrDom...	Sec-Enclav...	Sec-Enclave-1	inout cybDefCrD...	Classified
6	RI14	DE15 CleansedTaskOrder	Sec-Enclave-1 : Sec-End...	Sec-Enclave-1	inout crDomSrchSys...	uNCLASS-A...	UNCLASS-A...	inout crDomSrch...	Unclassified

An example of the Security Role-based Connectivity table

Related Elements

- Asset
- Data Element
- Exchange
- Information Element
- Measurable Element
- Measurement
- Measurement Set
- Operational Agent
- Operational Connector
- Operational Exchange
- Operational Exchange Item
- Operational Performer
- Operational Port
- Operational Role
- Property Set
- Resource Connector
- Resource Exchange

- Resource Exchange Item
- Resource Interface
- Resource Performer
- Resource Port
- Resource Role
- Security Constraint
- Subject Of Security Constraint

Related procedures

Unknown macro: 'list-children'