

# Security Connectivity

## Description

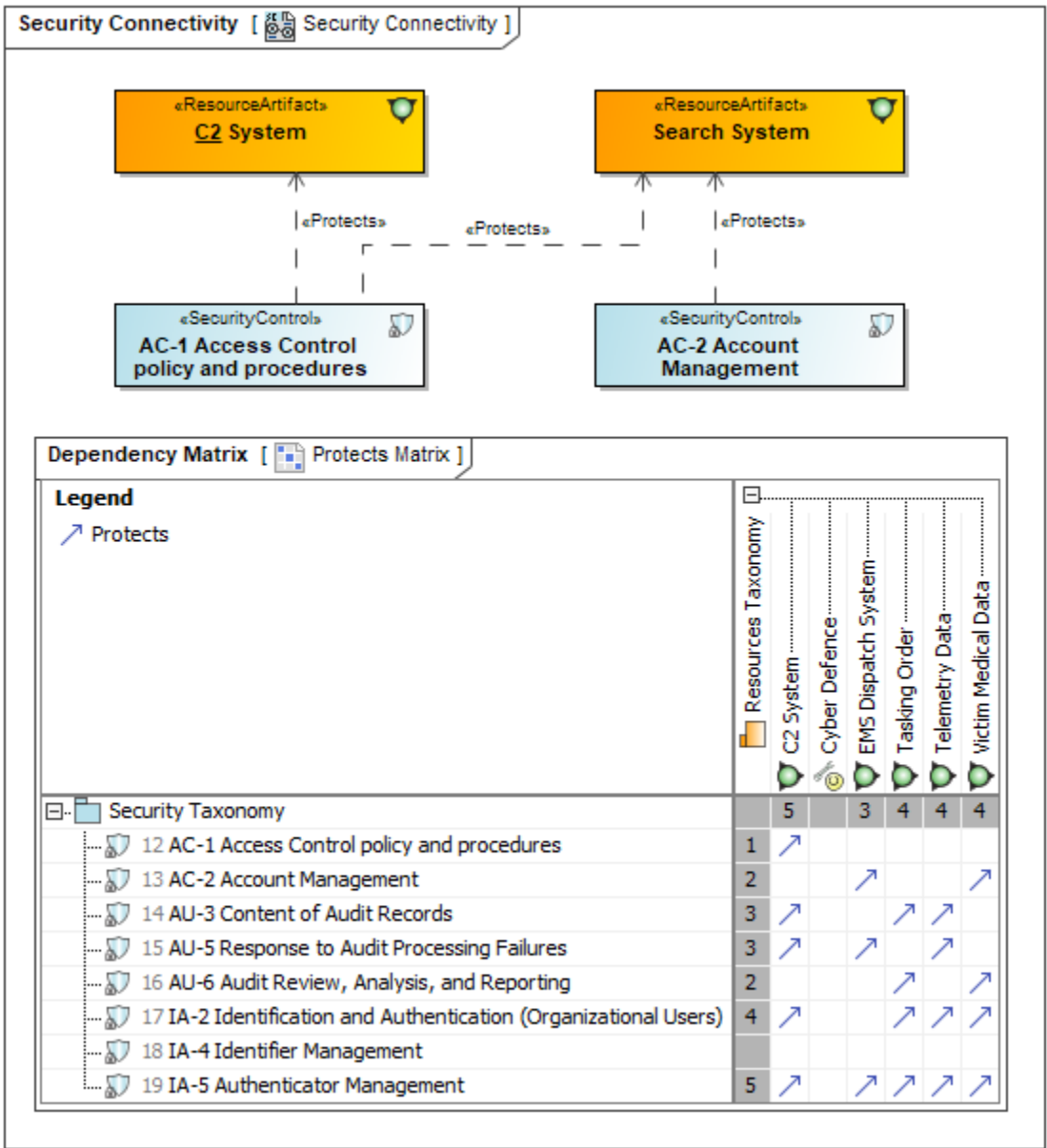
The Security Connectivity (Sc-Cn) domain addresses the security constraints and information assurance attributes that exist on exchanges across resources and across performers. It lists security exchanges across security assets; the applicable security controls; and the security enclaves that house the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

## Implementation

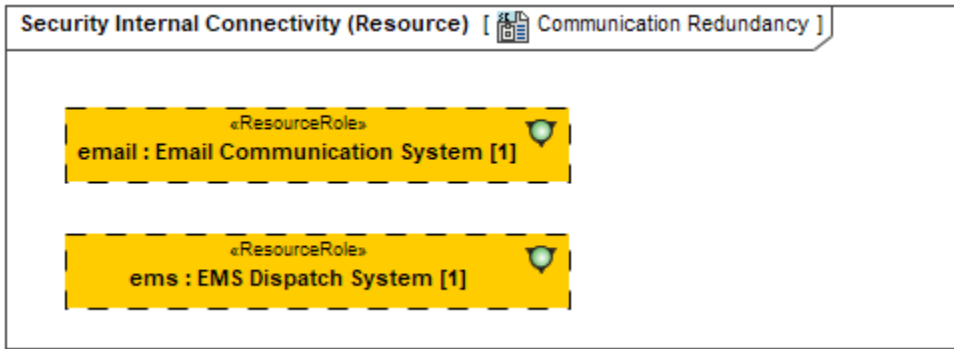
The Security Connectivity (Sc-Cn) domain is represented by:

- [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-Endave-1	Resource Connector[cyber Defense Software.cybDefCrDom - Sec-Endave-1.cybDefCrDom]	Classified
2	RI11	DE13 CrossDomainUpdate	Sec-Endave-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-Endave-1	Resource Connector[cross Domain Solution.crDomSrchSys - crDomSrchSys]	Classified
5	RI14	DE15 CleansedTaskOrder	Sec-Endave-1	UNCLASS-Area	Resource Connector[Sec-Endave-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-Endave-1	inout crDomSrch...	Classified
2	RI11	DE13 CrossDomainUpdate		Sec-Endave-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-Endav...	Sec-Endave-1	inout cybDefCrD...	Classified
6	RI14	DE15 CleansedTaskOrder	Sec-Endave-1 : Sec-End...	Sec-Endave-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**

- [Working with Security Connectivity diagram](#)
- [Working with Security Internal Connectivity \(Operational\) diagram](#)
- [Working with Security Internal Connectivity \(Resource\) diagram](#)
- [Working with Security Connectivity Table](#)
- [Working with Security Role-based Connectivity Table](#)