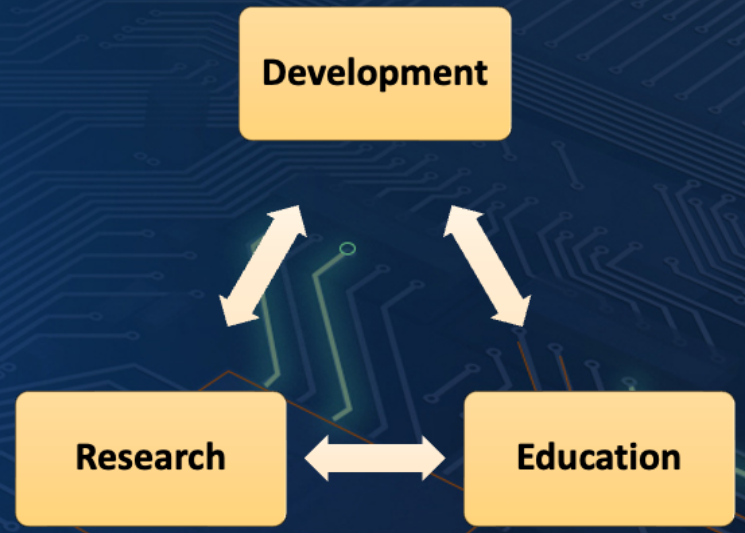
OSCAL DEFINE

Develop Enhancements, Future Implementations and New Education



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Agenda

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- The Pattern
- The Example

Concerns Today

1. The Pattern
2. Associations in the Pattern
3. Does it make sense?

The Responsibility Pattern

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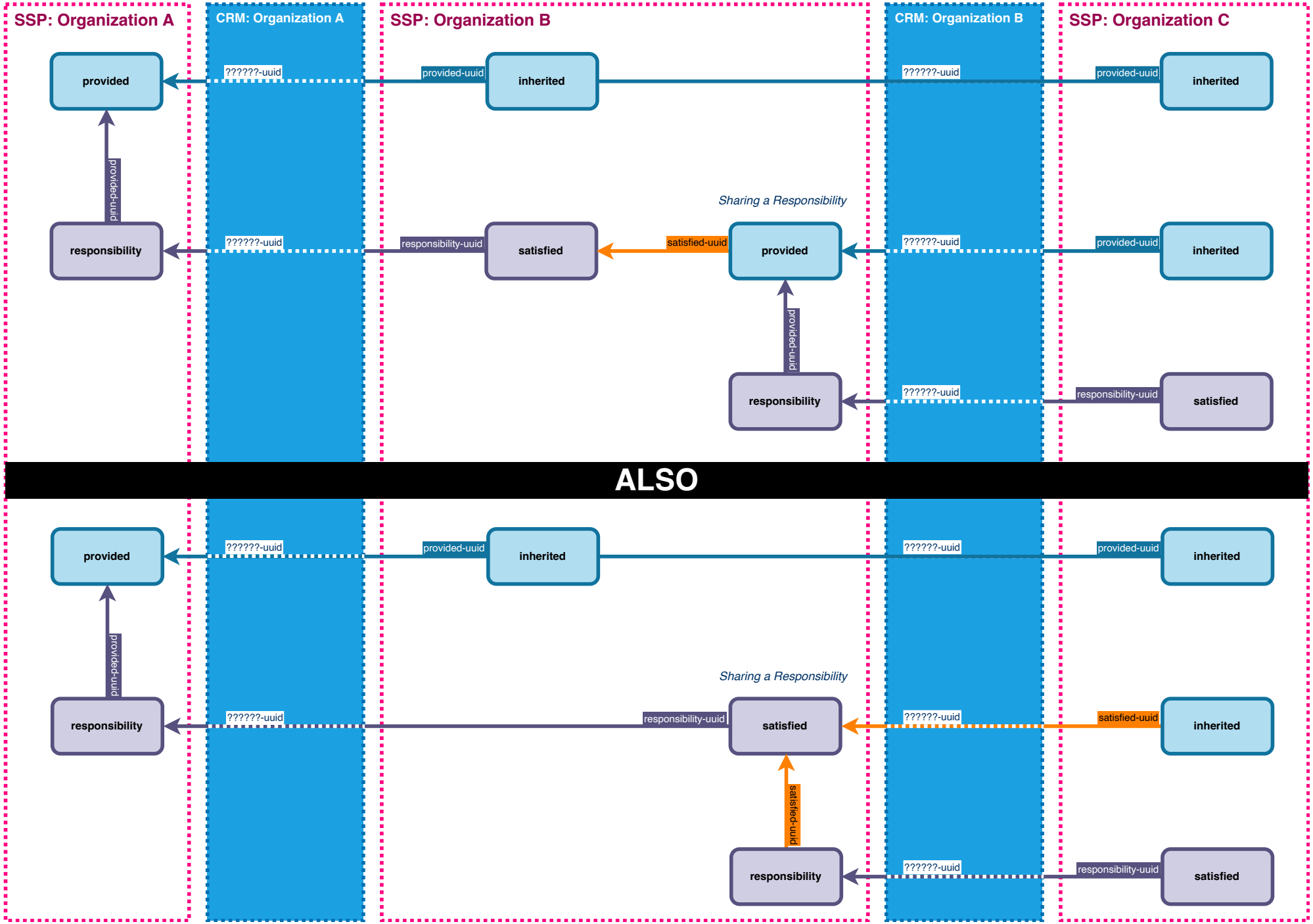
SSP: Organization A
CRM: Organization A
SSP: Organization B
CRM: Organization B
SSP: Organization C
provided
??????-uuid
provided-uuid
inherited
??????-uuid
provided-uuid
inherited
provided-uuid
Sharing a Responsibility
responsibility
??????-uuid
responsibility-uuid
satisfied
satisfied-uuid
provided
??????-uuid
provided-uuid
inherited
provided-uuid
responsibility
??????-uuid
responsibility-uuid
satisfied
ALSO
provided
??????-uuid
provided-uuid
inherited
??????-uuid
provided-uuid
inherited
provided-uuid
Sharing a Responsibility
responsibility
??????-uuid
responsibility-uuid
satisfied
??????-uuid
satisfied-uuid
inherited
satisfied-uuid
responsibility
??????-uuid
responsibility-uuid
satisfied

An Example

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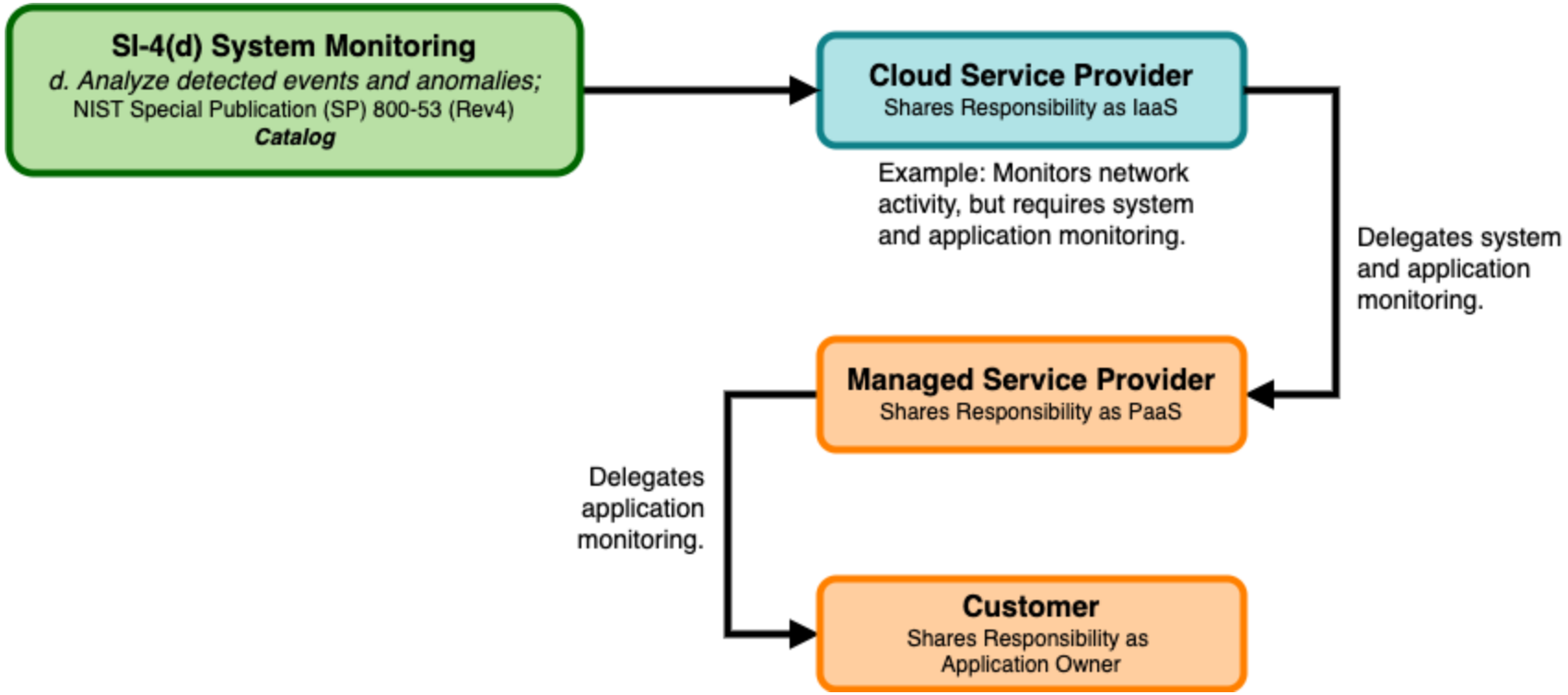
Applied Example



Control: Analyze Events

> ***Requirement: Analyze detected events.***

- **Cloud Service Provider**
  - Analyze the network events.
- **Managed Service Provider**
  - Analyze the container events.
- **Application Owner**
  - Analyze the application events.

And… (with Proprietary Info)

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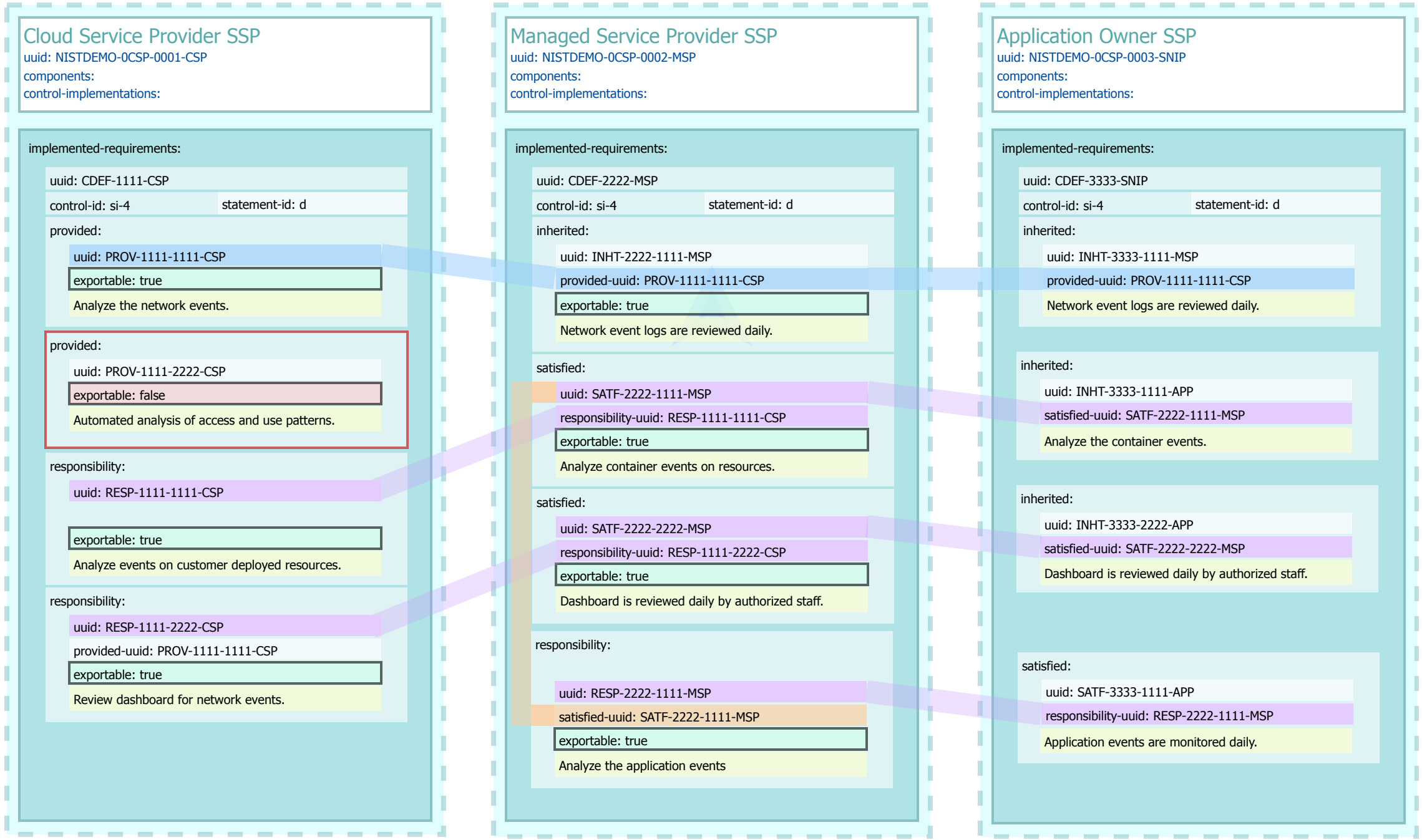
Cloud Service Provider | Analyze the network events

- PI: **Automated analysis** of patterns and characteristics of access and use.
- **Access** dashboard for events.

Managed Service Provider | Analyze the container events.

- **Review** service provider network dashboard on daily basis.

Application Owner | Analyze the application events.


Cloud Service Provider SSP
uuid: NISTDEMO-0CSP-0001-CSP
components:
control-implementations:
implemented-requirements:
uuid: CDEF-1111-CSP
control-id: si-4
statement-id: d
provided:
uuid: PROV-1111-1111-CSP
exportable: true
Analyze the network events.
provided:
uuid: PROV-1111-2222-CSP
exportable: false
Automated analysis of access and use patterns.
responsibility:
uuid: RESP-1111-1111-CSP
exportable: true
Analyze events on customer deployed resources.
responsibility:
uuid: RESP-1111-2222-CSP
provided-uuid: PROV-1111-1111-CSP
exportable: true
Review dashboard for network events.
Managed Service Provider SSP
uuid: NISTDEMO-0CSP-0002-MSP
components:
control-implementations:
implemented-requirements:
uuid: CDEF-2222-MSP
control-id: si-4
statement-id: d
inherited:
uuid: INHT-2222-1111-MSP
provided-uuid: PROV-1111-1111-CSP
exportable: true
Network event logs are reviewed daily.
satisfied:
uuid: SATF-2222-1111-MSP
responsibility-uuid: RESP-1111-1111-CSP
exportable: true
Analyze container events on resources.
satisfied:
uuid: SATF-2222-2222-MSP
responsibility-uuid: RESP-1111-2222-CSP
exportable: true
Dashboard is reviewed daily by authorized staff.
responsibility:
uuid: RESP-2222-1111-MSP
satisfied-uuid: SATF-2222-1111-MSP
exportable: true
Analyze the application events
Application Owner SSP
uuid: NISTDEMO-0CSP-0003-SNIP
components:
control-implementations:
implemented-requirements:
uuid: CDEF-3333-SNIP
control-id: si-4
statement-id: d
inherited:
uuid: INHT-3333-1111-MSP
provided-uuid: PROV-1111-1111-CSP
Network event logs are reviewed daily.
inherited:
uuid: INHT-3333-1111-APP
satisfied-uuid: SATF-2222-1111-MSP
Analyze the container events.
inherited:
uuid: INHT-3333-2222-APP
satisfied-uuid: SATF-2222-2222-MSP
Dashboard is reviewed daily by authorized staff.
satisfied:
uuid: SATF-3333-1111-APP
responsibility-uuid: RESP-2222-1111-MSP
Application events are monitored daily.