Integration Layer API

Integration Layer consists of two service endpoints. DSL accepts data from applications and the integration layer performs synchronization of that data between elligible applications, indexing and collaboration with external CSPs, i.e. sends the data to external CSPs based on the data specific trust circles. DCL accepts data from external CSPs, authorizes that data based on data specific trust circles and the integration layer performs synchronization of that data between eligible applications.

Version 1.0.0.1

Paths List all operations

`/v1/dsl/integrationData`

POST `/v1/dsl/integrationData`

dsl

Summary

Process new integration data from application

Description

Integration layer gets new data from an application. Synchronizes the data between eligible applications. Indexes the data into Elastic. Sends the data to external CSPs if toShare is set to true.

Parameters

Name	Located in	Required		Schema

intDataObj	body	Yes	⇄	▾`IntegrationData {`
				`  dataParams:` ▸`DataParams { }`
				`  sharingParams:` ▸`SharingParams { }`
				`  dataType:` ▸`IntegrationDataType` string
				`  dataObject:` string
				`}`

Responses

Code	Description
200	Successful operation
400	Malformed Integration Data Structure
500	Internal server error
503	Service anavailable

[Try this operation]

PUT /v1/dsl/integrationData

dsl

Summary

Process integration data update from application

Description

Integration layer gets updated data from an application. Synchronizes the data between eligible applications. Updates the existing indexed document in Elastic. Sends the data to external CSPs if toShare is set to true.

Parameters

Name	Located in	Required	Schema

intDataObj	body	Yes	⇄ ▾`IntegrationData {`
			 `dataParams:` ▸`DataParams { }`
			 `sharingParams:` ▸`SharingParams { }`
			 `dataType:` ▸`IntegrationDataType` string
			 `dataObject:` string
			 `}`

Responses

Code	Description
200	Successful operation
400	Malformed Integration Data Structure
500	Internal server error
503	Service anavailable

Try this operation

DELETE /v1/dsl/integrationData

dsl

Summary

Process integration data deletion in application

Description

Integration layer gets deletion request from an application on a specific integration data record. Forwards the deletion request to eligible applications. toShare is always set to false. Deletes the existing indexed document from Elastic. No deletion requests are forwarded to external CSPs. dataObject is always null.

Parameters

Name	Located in	Required	Schema
intDataObj	body	Yes	⇄

```
▾ IntegrationData {
    dataParams:      ▸ DataParams { }
    sharingParams:   ▸ SharingParams { }
    dataType:        ▸ IntegrationDataType string
    dataObject:      string
}
```

Responses

Code	Description
200	Successful operation
400	Malformed Integration Data Structure
500	Internal server error
503	Service anavailable

Try this operation

/v1/dcl/integrationData

POST /v1/dcl/integrationData

dcl

Summary

Process new or updated integration data from external CSP

Description

Integration layer gets new or updated data from external CSP. Authorizes the data based on data specific trust circles. Sets the isExternal flag to true. Synchronizes the data to principal application based on data type. Principal applications expected to emit updated data back to integration layer after debuplication (/dsl will handle emitions).

Parameters

Name	Located in	Required	Schema
intDataObj	body	Yes	⇄ ▼ **IntegrationData {** 　dataParams:　　▶**DataParams { }** 　sharingParams:　▶**SharingParams { }** 　dataType:　　　▶**IntegrationDataType** string 　dataObject:　　string **}**

Responses

Code	Description
200	Successful operation
400	Malformed Integration Data Structure
403	CSP authorization failed. External CSP is not authorized to sent specific data type
415	Unsupported data type. Local CSP does not support given data type. No application that handles given data type is installed
500	Internal server error
503	Service anavailable

Try this operation

Models

IntegrationData

```
▾IntegrationData {
   dataParams:      ▸DataParams { }
   sharingParams:  ▸SharingParams { }
⇄  dataType:        ▸IntegrationDataType string
   dataObject:     string
}
```

DataParams

```
▾DataParams {
   cspId:          string
⇄  applicationId: string
   recordId:       string
}
```

IntegrationDataType

```
▾IntegrationDataType string
   Enum:
     ▾Array[9]
      0: "event"
      1: "threat"
      2: "incident"
⇄    3: "vulnerability"
      4: "artefact"
      5: "chat"
      6: "file"
      7: "contact"
      8: "trustCircle"
```

SharingParams

```
▾SharingParams {
   toShare:     boolean
⇄  isExternal: boolean
}
```