

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 eligible 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 1.0.1

Paths

/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	<div><div>↔</div><div><div>IntegrationData {</div><div>dataParams: DataParams { }</div><div>sharingParams: SharingParams { }</div><div>dataType: IntegrationDataType string</div><div>dataObject: string</div></div></div>

Responses

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

Try this operation

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	<div><div>↔</div><div><div>▼IntegrationData {</div><div>dataParams: ▶DataParams { }</div><div>sharingParams: ▶SharingParams { }</div><div>dataType: ▶IntegrationDataType string</div><div>dataObject: string</div><div>}</div></div></div>

Responses

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

Try this operation

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	<div><div>↔</div><div><div>▼IntegrationData {</div><div>dataParams: ▶DataParams { }</div><div>sharingParams: ▶SharingParams { }</div><div>dataType: ▶IntegrationDataType string</div><div>dataObject: string</div><div>}</div></div></div>

Responses

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

Try this operation

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	<pre> ↔ ▼IntegrationData { dataParams: ►DataParams { } sharingParams: ►SharingParams { } dataType: ►IntegrationDataType string dataObject: string } </pre>

Responses

Code Description

200 Successful operation

400 Malformed Integration Data Structure

403 CSP authorization failed. External CSP is not authorized to send 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 unavailable

[Try this operation](#)

Models

IntegrationData

```

↔
      ▼IntegrationData {
        dataParams:    ►DataParams { }
        sharingParams: ►SharingParams { }
        dataType:      ►IntegrationDataType string
        dataObject:    string
      }

```

DataParams

```

    ▼DataParams {
      cspId:      string
      applicationId: string
    ⇒ recordId:    string
      timestamp:  ▼ string (dateTime)
    }

```

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
    }

```