Application Adapter API

Application adapter consists of one service endpoint "/adapter" handling one resource "integrationData". Adapter accepts integrationData from the integration layer. The adapter checks if there is already a record that represents the data and updates that record (deduplication) or creates a new one. The emmition of the creation or update is dependant on the "isExternal" flag.

Version 1.0.4

Paths

/v1/adapter/integrationData

POST /v1/adapter/integrationData

Summary

Proccess new integration data from integration layer

Description

Application adapter gets new data from integration layer. If the "isExternal" flag is set to false, the data is coming from another application inside the local CSP. The data is processed as such and if the process results in another data record being created or updated, the new or updated record is emited back to the integration layer. If the "isExternal" flag is set to true, the data is coming from an external CSP. The data is processed as such and if the process results in a new data record or an update to an existing data record, the new or updated record is emited back to the integration layer with the flag "toShare" set to false.

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

Try this operation

PUT /v1/adapter/integrationData

Summary

Process integration data update from integration layer

Description

(See POST)

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

Try this operation

DELETE /v1/adapter/integrationData

Summary

Process integration data deletion from integration layer

Description

Application adapter get deletion notification from integration layer. the adapter checks if that record is used by the application and updates the affected records in the application datastore. If the process results in a local data record being updated, the new or updated record is emited back to the integration layer. If the process results in a local data record being deleted, the delete request is emited back to the integration layer. All delete requests by the emitter have the "toShare" flag to false. The dataObject is expected to be null. isExternal is expected to be false.

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

[Try this operation]

Models

IntegrationData

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

DataParams

▾**DataParams {**

origin[Csp/Application/Record]Id are only set by the application that initiates flow #1 (see SAD). In this case Origin[csp/application/record]Id and [csp/application/record]Id are equal. In the case where a principal application adapter gets data from external CSP and re-emitts them for indexing, [csp/application/record]Id are set to that of the principal application while Origin[csp/application/record]Id remain unchanged.

⇄

originCspId:	string *
originApplicationId:	string *
originRecordId:	string *
cspId:	string *
applicationId:	string *
recordId:	string *
dateTime:	▾ string * (dateTime)
	timestamp of the record emission
url:	▾ string (url)
	reference to the emmitted record based on [csp/application/record]Id (see SAD)

}

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 {**

only one of the trustCircleId or teamId should exist. If none exists, sharing is done based on data specific trust circles

⇄

toShare:	boolean *
isExternal:	boolean *
trustCircleId:	string
teamId:	string

}