



Hook source

Astra Automation

NetApp
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Hook source

Hook source overview

The Hook Source API enables simple management of hook sources separate from the management of the execution hook resources. For example, a single hook source can be referenced by multiple execution hooks to avoid duplicate hook sources and allow a single API call to update one hook source, even if it is used by multiple execution hook resources.

Create a new hook source

POST /accounts/{account_id}/core/v1/hookSources

Indicates the desired values for the Hook Source API resource to be created.

Parameters

| Name | Type | In | Required | Description |
|------------|--------|------|----------|--------------------------------------------------------------------------------------------------------------------|
| account_id | string | path | True | ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}} |

Request Body

Indicates the desired values for the Hook Source API resource to be created.

| Name | Type | Required | Description |
|---------|--------|----------|--------------------------------------------------------------------------------------------------------------------------------|
| type | string | True | Media type of the resource. Defined values are: <ul style="list-style-type: none">"application/astra-hookSource" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0" |

| Name | Type | Required | Description |
|-------------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name | string | True | <p>JSON string containing a user-specified name for the resource. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 The name is required to be unique within all hook source resources. |
| sourceType | string | True | <p>JSON string defining the hook source type. Defined values are:</p> <ul style="list-style-type: none"> • "script" - Shell script. The plaintext source must not contain binary data or carriage-return characters, otherwise, an error is returned. |
| source | string | True | <p>JSON string containing the script to be run in base64 format. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 131072 • Conforms to the base64 Encoded Data Schema The maximum size of a source value is 128 KiB when encoded using base64. |
| description | string | False | <p>JSON string containing a user-specified description of the hook source. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 511 |

| Name | Type | Required | Description |
|----------|--------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| metadata | type_astra_metadata_update | False | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification. |

Example request

```
{
  "type": "application/astra-hookSource",
  "version": "1.0",
  "name": "Payroll script",
  "sourceType": "script",
  "source": "ZWNobyAIVkhKaGJuTWdVbWxuYUhSeklRPT0iIHwgYmFzZTY0IC1k",
  "description": "Pre and post hook script for payroll"
}
```

Response

Status: 201, Returns the newly created hookSource resource in the JSON response body.

| Name | Type | Required | Description |
|------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| type | string | True | <p>Media type of the resource. Defined values are:</p> <ul style="list-style-type: none"> "application/astra-hookSource" |

| Name | Type | Required | Description |
|---------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none"> • "1.0" |
| id | string | True | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema |
| name | string | True | JSON string containing a user-specified name for the resource. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 The name is required to be unique within all hook source resources. |
| private | string | True | JSON string indicating whether the source field will be exposed in APIs or be intentionally left blank. Defined values are: <ul style="list-style-type: none"> • "true" - The source value is private and will not be exposed through the API. • "false" - The source value is not private and will be exposed through the API. |

| Name | Type | Required | Description |
|-------------------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| preloaded | string | True | <p>JSON string that indicates whether the source was preloaded. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source was preloaded. • "false" - The source was not preloaded. Preloaded hook source resources are read only. |
| sourceType | string | True | <p>JSON string defining the hook source type. Defined values are:</p> <ul style="list-style-type: none"> • "script" - Shell script. The plaintext source must not contain binary data or carriage-return characters, otherwise, an error is returned. |
| source | string | False | <p>JSON string containing the script to be run in base64 format. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 131072 • Conforms to the base64 Encoded Data Schema The maximum size of a source value is 128 KiB when encoded using base64. |
| sourceMD5Checksum | string | True | <p>JSON string containing the MD5 checksum computed for the value of the "source" key. Defined values are:</p> <ul style="list-style-type: none"> • Defined regex is: <code>"^([0-9a-fA-F]){32}\$"</code> |

| Name | Type | Required | Description |
|-------------|--------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| description | string | False | <p>JSON string containing a user-specified description of the hook source. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 511 |
| metadata | type_astra_metadata_update | True | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification. |

Example response

```
{
  "type": "application/astra-hookSource",
  "version": "1.0",
  "id": "fae6dfbb-ecb8-58ff-a116-6357eb7c956a",
  "name": "Payroll script",
  "private": "false",
  "preloaded": "false",
  "sourceType": "script",
  "source": "ZWNobyAIVkhKaGJuTWdVbWxuYUhSeklRPT0iIHwgYmFzZTY0IC1k",
  "sourceMD5Checksum": "b1a4b8b0144c3f6be553b626130ca145",
  "description": "Pre and post hook script for payroll",
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

Status: 401, Unauthorized

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/3",
  "title": "Missing bearer token",
  "detail": "The request is missing the required bearer token.",
  "status": "401"
}
```

Response

Status: 400, Bad request

| Name | Type | Required | Description |
|---------------|----------------------|----------|-------------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidFields | array[invalidFields] | False | List of invalid request body fields |

Example response

```
{
  "type": "https://astra.netapp.io/problems/5",
  "title": "Invalid query parameters",
  "detail": "The supplied query parameters are invalid.",
  "status": "400"
}
```

Response

Status: 409, Conflict

| Name | Type | Required | Description |
|---------------|----------------------|----------|-------------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidFields | array[invalidFields] | False | List of invalid request body fields |

Example response

```
{
  "type": "https://astra.netapp.io/problems/10",
  "title": "JSON resource conflict",
  "detail": "The request body JSON contains a field that conflicts with an idempotent value.",
  "status": "409"
}
```

Response

Status: 403, Forbidden

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/11",
  "title": "Operation not permitted",
  "detail": "The requested operation isn't permitted.",
  "status": "403"
}
```

Error

Status: 404, Not found

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example error response

```
{
  "type": "https://astra.netapp.io/problems/2",
  "title": "Collection not found",
  "detail": "The collection specified in the request URI wasn't
found.",
  "status": "404"
}
```

Definitions

See Definitions

type_astra_label

| Name | Type | Required | Description |
|-------|--------|----------|-------------|
| name | string | True | |
| value | string | True | |

type_astra_metadata_update

Client and service-specified metadata associated with the resource. Defined values are:

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification.

| Name | Type | Required | Description |
|-----------------------|-------------------------|----------|-------------|
| labels | array[type_astra_label] | False | |
| creationTimestamp | string | False | |
| modificationTimestamp | string | False | |
| createdBy | string | False | |
| modifiedBy | string | False | |

invalidParams

| Name | Type | Required | Description |
|--------|--------|----------|-------------------------------------------|
| name | string | True | Name of the invalid query parameter |
| reason | string | True | Reason why the query parameter is invalid |

invalidFields

| Name | Type | Required | Description |
|--------|--------|----------|----------------------------------------------|
| name | string | True | Name of the invalid request body field |
| reason | string | True | Reason why the request body field is invalid |

List all hook sources

GET /accounts/{account_id}/core/v1/hookSources

Returns a JSON array of all matching resources in the collection. If individual fields are specified in the request, the items JSON array will contain the fields requested for each matching resource in the order specified.

Parameters

| Name | Type | In | Required | Description |
|------------|--------|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| account_id | string | path | True | ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}} |
| include | string | query | False | Indicates which fields should be returned when listing a collection. URL examples: "include=id", "include=id,name" OpenAPI examples: "id" |
| limit | string | query | False | Indicates the maximum number of resources to return when listing a collection. URL examples: "limit=2" OpenAPI examples: "2" |

| Name | Type | In | Required | Description |
|--------|--------|-------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| filter | string | query | False | <p>Indicates which fields should be matched in order to return a resource when listing a collection.</p> <p>Supported operators are:</p> <ul style="list-style-type: none"> • eq - Equality • lt/gt - Less than/Greater than • lte/gte - Less than or equals to/Greater than or equals to <p>URL example: "filter=field%20eq%20%27value%27"</p> <p>OpenAPI examples: "field eq 'value'"</p> |

Response

Status: 200, Returns a JSON array of all matching resources in the collection. If individual fields are specified in the request, the items JSON array will contain the fields requested for each matching resource in the order specified.

| Name | Type | Required | Description |
|----------|---------------------------------------------------------------------------|----------|-------------|
| items | array[Any of: hookSource_1.0_get_response_body , array[]] | True | |
| metadata | type_astra_metadata_list | True | |

Example response

```
{
  "type": "application/astra-hookSources",
  "version": "1.0",
  "items": [
    {
      "type": "application/astra-hookSource",
      "version": "1.0",
      "id": "2d6154dd-6863-4a26-8017-6be092b8b0bd",
      "name": "Payroll script",
      "private": "false",
      "preloaded": "false",
      "sourceType": "script",
      "source": "ZWNobyAIVkhKaGJuTWdVbWxuYUhSeklRPT0iIHwgYmFzZTY0IC1k",
      "sourceMD5Checksum": "b1a4b8b0144c3f6be553b626130ca145",
      "description": "Pre and post hook script for payroll",
      "metadata": {
        "labels": [],
        "creationTimestamp": "2020-08-06T12:24:52.256624Z",
        "modificationTimestamp": "2020-08-06T12:24:52.256624Z",
        "createdBy": "64182074-ddb6-42eb-b7f4-b6a02cf9ba7c"
      }
    },
    {
      "type": "application/astra-hookSource",
      "version": "1.0",
      "id": "b71c6793-aa9b-4654-92ef-60663a0aedac",
      "name": "Payroll script",
      "private": "true",
      "preloaded": "false",
      "sourceType": "script",
      "sourceMD5Checksum": "6469094cb279f6d91358bc5062d15baf",
      "description": "Pre and post hook script for payroll",
      "metadata": {
        "labels": [],
        "creationTimestamp": "2020-08-08T12:24:52.256624Z",
        "modificationTimestamp": "2020-08-08T12:24:52.256624Z",
        "createdBy": "64182074-ddb6-42eb-b7f4-b6a02cf9ba7c"
      }
    },
    {
      "type": "application/astra-hookSource",
      "version": "1.0",
      "id": "682fe9d2-52d2-4c30-bcec-ecefddde359c",
      "name": "NetApp preloaded ",

```



```

    "private": "true",
    "preloaded": "false",
    "sourceType": "script",
    "sourceMD5Checksum": "7864495443c1087104520a320a2225c9",
    "description": "NetApp Postgres preloaded snapshot pre and post",
    "metadata": {
      "labels": [],
      "creationTimestamp": "2020-07-12T12:24:52.256624Z",
      "modificationTimestamp": "2020-07-12T12:24:52.256624Z",
      "createdBy": "4428cfd4-27fd-4248-9f49-bd3a02043ab8"
    }
  },
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}

```

Response

Status: 401, Unauthorized

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```

{
  "type": "https://astra.netapp.io/problems/3",
  "title": "Missing bearer token",
  "detail": "The request is missing the required bearer token.",
  "status": "401"
}

```

Response

Status: 400, Bad request

| Name | Type | Required | Description |
|---------------|----------------------|----------|----------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidParams | array[invalidParams] | False | List of invalid query parameters |

Example response

```
{
  "type": "https://astra.netapp.io/problems/5",
  "title": "Invalid query parameters",
  "detail": "The supplied query parameters are invalid.",
  "status": "400"
}
```

Response

Status: 403, Forbidden

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/11",
  "title": "Operation not permitted",
  "detail": "The requested operation isn't permitted.",
  "status": "403"
}
```

Error

Status: 404, Not found

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example error response

```
{
  "type": "https://astra.netapp.io/problems/2",
  "title": "Collection not found",
  "detail": "The collection specified in the request URI wasn't
found.",
  "status": "404"
}
```

Definitions

See Definitions

type_astra_label

| Name | Type | Required | Description |
|-------|--------|----------|-------------|
| name | string | True | |
| value | string | True | |

type_astra_metadata_update

Client and service-specified metadata associated with the resource. Defined values are:

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification.

| Name | Type | Required | Description |
|-----------------------|-------------------------|----------|-------------|
| labels | array[type_astra_label] | False | |
| creationTimestamp | string | False | |
| modificationTimestamp | string | False | |
| createdBy | string | False | |
| modifiedBy | string | False | |

hookSource_1.0_get_response_body

| Name | Type | Required | Description |
|---------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| type | string | True | Media type of the resource. Defined values are: <ul style="list-style-type: none">• "application/astra-hookSource" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">• "1.0" |
| id | string | True | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none">• Conforms to the UUIDv4 Schema |

| Name | Type | Required | Description |
|-----------|--------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name | string | True | <p>JSON string containing a user-specified name for the resource. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 <p>The name is required to be unique within all hook source resources.</p> |
| private | string | True | <p>JSON string indicating whether the source field will be exposed in APIs or be intentionally left blank. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source value is private and will not be exposed through the API. • "false" - The source value is not private and will be exposed through the API. |
| preloaded | string | True | <p>JSON string that indicates whether the source was preloaded. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source was preloaded. • "false" - The source was not preloaded. Preloaded hook source resources are read only. |

| Name | Type | Required | Description |
|-------------------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sourceType | string | True | <p>JSON string defining the hook source type. Defined values are:</p> <ul style="list-style-type: none"> • "script" - Shell script. The plaintext source must not contain binary data or carriage-return characters, otherwise, an error is returned. |
| source | string | False | <p>JSON string containing the script to be run in base64 format. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 131072 • Conforms to the base64 Encoded Data Schema The maximum size of a source value is 128 KiB when encoded using base64. |
| sourceMD5Checksum | string | True | <p>JSON string containing the MD5 checksum computed for the value of the "source" key. Defined values are:</p> <ul style="list-style-type: none"> • Defined regex is: <code>"^([0-9a-fA-F]){32}\$"</code> |
| description | string | False | <p>JSON string containing a user-specified description of the hook source. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 511 |

| Name | Type | Required | Description |
|----------|--------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| metadata | type_astra_metadata_update | True | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification. |

type_astra_metadata_list

| Name | Type | Required | Description |
|-----------------------|-------------------------------------------|----------|-------------|
| continue | string | False | |
| count | number | False | |
| labels | array[type_astra_label] | False | |
| creationTimestamp | string | False | |
| modificationTimestamp | string | False | |
| createdBy | string | False | |
| modifiedBy | string | False | |

invalidParams

| Name | Type | Required | Description |
|--------|--------|----------|-------------------------------------------|
| name | string | True | Name of the invalid query parameter |
| reason | string | True | Reason why the query parameter is invalid |

Retrieve a hook source

GET /accounts/{account_id}/core/v1/hookSources/{hookSource_id}

Returns the stored Hook Source API resource in the JSON response body.

Parameters

| Name | Type | In | Required | Description |
|---------------|--------|------|----------|-----------------------------------------------------------------------------------------------------------------------------|
| account_id | string | path | True | ID of the containing account resource <ul style="list-style-type: none">example: <code>{{.Account}}</code> |
| hookSource_id | string | path | True | ID of the hookSource collection to list |

Response

Status: 200, Returns the stored Hook Source API resource in the JSON response body.

| Name | Type | Required | Description |
|---------|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| type | string | True | Media type of the resource. Defined values are: <ul style="list-style-type: none">"application/astra-hookSource" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0" |
| id | string | True | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none">Conforms to the UUIDv4 Schema |

| Name | Type | Required | Description |
|-----------|--------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name | string | True | <p>JSON string containing a user-specified name for the resource. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 <p>The name is required to be unique within all hook source resources.</p> |
| private | string | True | <p>JSON string indicating whether the source field will be exposed in APIs or be intentionally left blank. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source value is private and will not be exposed through the API. • "false" - The source value is not private and will be exposed through the API. |
| preloaded | string | True | <p>JSON string that indicates whether the source was preloaded. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source was preloaded. • "false" - The source was not preloaded. Preloaded hook source resources are read only. |

| Name | Type | Required | Description |
|-------------------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sourceType | string | True | <p>JSON string defining the hook source type. Defined values are:</p> <ul style="list-style-type: none"> • "script" - Shell script. The plaintext source must not contain binary data or carriage-return characters, otherwise, an error is returned. |
| source | string | False | <p>JSON string containing the script to be run in base64 format. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 131072 • Conforms to the base64 Encoded Data Schema The maximum size of a source value is 128 KiB when encoded using base64. |
| sourceMD5Checksum | string | True | <p>JSON string containing the MD5 checksum computed for the value of the "source" key. Defined values are:</p> <ul style="list-style-type: none"> • Defined regex is: <code>"^([0-9a-fA-F]){32}\$"</code> |
| description | string | False | <p>JSON string containing a user-specified description of the hook source. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 511 |

| Name | Type | Required | Description |
|----------|--------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| metadata | type_astra_metadata_update | True | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification. |

Example response

```
{
  "type": "application/astra-hookSource",
  "version": "1.0",
  "id": "fae6dfbb-ecb8-58ff-a116-6357eb7c956a",
  "name": "Payroll script",
  "private": "false",
  "preloaded": "false",
  "sourceType": "script",
  "source": "ZWNobyAIVkhKaGJuTWdVbWxuYUhSeklRPT0iIHwgYmFzZTY0IC1k",
  "sourceMD5Checksum": "b1a4b8b0144c3f6be553b626130ca145",
  "description": "Pre and post hook script for payroll",
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

Status: 401, Unauthorized

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/3",
  "title": "Missing bearer token",
  "detail": "The request is missing the required bearer token.",
  "status": "401"
}
```

Response

Status: 400, Bad request

| Name | Type | Required | Description |
|---------------|----------------------|----------|----------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidParams | array[invalidParams] | False | List of invalid query parameters |

Example response

```
{
  "type": "https://astra.netapp.io/problems/5",
  "title": "Invalid query parameters",
  "detail": "The supplied query parameters are invalid.",
  "status": "400"
}
```

Response

Status: 403, Forbidden

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/11",
  "title": "Operation not permitted",
  "detail": "The requested operation isn't permitted.",
  "status": "403"
}
```

Error

Status: 404, Not found

| Name | Type | Required | Description |
|--------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| status | string | True | |
| correlationID | string | False | |

Example error response

```
{
  "type": "https://astra.netapp.io/problems/2",
  "title": "Collection not found",
  "detail": "The collection specified in the request URI wasn't
found.",
  "status": "404"
}
```

Definitions

See Definitions

type_astra_label

| Name | Type | Required | Description |
|-------|--------|----------|-------------|
| name | string | True | |
| value | string | True | |

type_astra_metadata_update

Client and service-specified metadata associated with the resource. Defined values are:

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification.

| Name | Type | Required | Description |
|-----------------------|-------------------------|----------|-------------|
| labels | array[type_astra_label] | False | |
| creationTimestamp | string | False | |
| modificationTimestamp | string | False | |
| createdBy | string | False | |
| modifiedBy | string | False | |

invalidParams

| Name | Type | Required | Description |
|--------|--------|----------|-------------------------------------------|
| name | string | True | Name of the invalid query parameter |
| reason | string | True | Reason why the query parameter is invalid |

Modify a hook source

PUT /accounts/{account_id}/core/v1/hookSources/{hookSource_id}

Replaces the entire stored resource with the supplied JSON request body while preserving key values that are not user-modifiable.

Side Effects

- Updating an existing source hook will immediately impact any future snapshots of applications that have matching execution hooks that use the updated source hook resource.
- The MD5 checksum is computed on the value of the "source" field and set as the value of the "sourceMD5Checksum" field.

Parameters

| Name | Type | In | Required | Description |
|---------------|--------|------|----------|-----------------------------------------------------------------------------------------------------------------------------|
| account_id | string | path | True | ID of the containing account resource <ul style="list-style-type: none">example: <code>{{.Account}}</code> |
| hookSource_id | string | path | True | ID of the hookSource collection to list |

Request Body

Replaces the entire stored resource with the supplied JSON request body while preserving key values that are not user-modifiable.

Side Effects

- Updating an existing source hook will immediately impact any future snapshots of applications that have matching execution hooks that use the updated source hook resource.
- The MD5 checksum is computed on the value of the "source" field and set as the value of the "sourceMD5Checksum" field.

| Name | Type | Required | Description |
|---------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| type | string | True | Media type of the resource. Defined values are: <ul style="list-style-type: none">"application/astra-hookSource" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0" |
| id | string | False | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none">Conforms to the UUIDv4 Schema |

| Name | Type | Required | Description |
|-----------|--------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name | string | False | <p>JSON string containing a user-specified name for the resource. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 <p>The name is required to be unique within all hook source resources.</p> |
| private | string | False | <p>JSON string indicating whether the source field will be exposed in APIs or be intentionally left blank. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source value is private and will not be exposed through the API. • "false" - The source value is not private and will be exposed through the API. |
| preloaded | string | False | <p>JSON string that indicates whether the source was preloaded. Defined values are:</p> <ul style="list-style-type: none"> • "true" - The source was preloaded. • "false" - The source was not preloaded. Preloaded hook source resources are read only. |

| Name | Type | Required | Description |
|-------------------|--------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sourceType | string | False | <p>JSON string defining the hook source type. Defined values are:</p> <ul style="list-style-type: none"> • "script" - Shell script. The plaintext source must not contain binary data or carriage-return characters, otherwise, an error is returned. |
| source | string | False | <p>JSON string containing the script to be run in base64 format. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 131072 • Conforms to the base64 Encoded Data Schema The maximum size of a source value is 128 KiB when encoded using base64. |
| sourceMD5Checksum | string | False | <p>JSON string containing the MD5 checksum computed for the value of the "source" key. Defined values are:</p> <ul style="list-style-type: none"> • Defined regex is: <code>"^([0-9a-fA-F]){32}\$"</code> |
| description | string | False | <p>JSON string containing a user-specified description of the hook source. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 511 |

| Name | Type | Required | Description |
|----------|--------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| metadata | type_astra_metadata_update | False | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification. |

Example request

```
{
  "type": "application/astra-hookSource",
  "version": "1.0",
  "source": "ZWNobyAiVkhKaGJuTWdVbWxuYUhhSeklRPT0iIHwgYmFzZTY0IC1k",
  "description": "Pre and post hook script for order processing v2"
}
```

Response

Status: 204, Indicates if the hookSource resource was updated.

Response

Status: 401, Unauthorized

| Name | Type | Required | Description |
|--------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/3",
  "title": "Missing bearer token",
  "detail": "The request is missing the required bearer token.",
  "status": "401"
}
```

Response

Status: 400, Bad request

| Name | Type | Required | Description |
|---------------|----------------------|----------|-------------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidFields | array[invalidFields] | False | List of invalid request body fields |

Example response

```
{
  "type": "https://astra.netapp.io/problems/5",
  "title": "Invalid query parameters",
  "detail": "The supplied query parameters are invalid.",
  "status": "400"
}
```

Response

Status: 409, Conflict

| Name | Type | Required | Description |
|---------------|----------------------|----------|-------------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidFields | array[invalidFields] | False | List of invalid request body fields |

Example response

```
{
  "type": "https://astra.netapp.io/problems/10",
  "title": "JSON resource conflict",
  "detail": "The request body JSON contains a field that conflicts with an idempotent value.",
  "status": "409"
}
```

Response

Status: 403, Forbidden

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/11",
  "title": "Operation not permitted",
  "detail": "The requested operation isn't permitted.",
  "status": "403"
}
```

Error

Status: 404, Not found

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example error response

```
{
  "type": "https://astra.netapp.io/problems/1",
  "title": "Resource not found",
  "detail": "The resource specified in the request URI wasn't found.",
  "status": "404"
}
```

Definitions

See Definitions

type_astra_label

| Name | Type | Required | Description |
|-------|--------|----------|-------------|
| name | string | True | |
| value | string | True | |

type_astra_metadata_update

Client and service-specified metadata associated with the resource. Defined values are:

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels. If not specified on update, the metadata object's labels, creationTimestamp and createdBy, will be preserved without modification.

| Name | Type | Required | Description |
|-----------------------|-------------------------|----------|-------------|
| labels | array[type_astra_label] | False | |
| creationTimestamp | string | False | |
| modificationTimestamp | string | False | |
| createdBy | string | False | |
| modifiedBy | string | False | |

invalidParams

| Name | Type | Required | Description |
|--------|--------|----------|-------------------------------------------|
| name | string | True | Name of the invalid query parameter |
| reason | string | True | Reason why the query parameter is invalid |

invalidFields

| Name | Type | Required | Description |
|--------|--------|----------|----------------------------------------------|
| name | string | True | Name of the invalid request body field |
| reason | string | True | Reason why the request body field is invalid |

Delete a hook source

DELETE /accounts/{account_id}/core/v1/hookSources/{hookSource_id}

Removes the specified Hook Source API resource.

Parameters

| Name | Type | In | Required | Description |
|---------------|--------|------|----------|--------------------------------------------------------------------------------------------------------------------|
| account_id | string | path | True | ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}} |
| hookSource_id | string | path | True | ID of the hookSource collection to list |

Response

Status: 204, Indicates if the hookSource resource was deleted.

Response

Status: 401, Unauthorized

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/3",
  "title": "Missing bearer token",
  "detail": "The request is missing the required bearer token.",
  "status": "401"
}
```

Response

Status: 400, Bad request

| Name | Type | Required | Description |
|---------------|----------------------|----------|----------------------------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |
| invalidParams | array[invalidParams] | False | List of invalid query parameters |

Example response

```
{
  "type": "https://astra.netapp.io/problems/5",
  "title": "Invalid query parameters",
  "detail": "The supplied query parameters are invalid.",
  "status": "400"
}
```

Response

Status: 403, Forbidden

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example response

```
{
  "type": "https://astra.netapp.io/problems/11",
  "title": "Operation not permitted",
  "detail": "The requested operation isn't permitted.",
  "status": "403"
}
```

Error

Status: 404, Not found

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| type | string | True | |
| title | string | True | |
| detail | string | True | |
| status | string | True | |
| correlationID | string | False | |

Example error response

```
{
  "type": "https://astra.netapp.io/problems/1",
  "title": "Resource not found",
  "detail": "The resource specified in the request URI wasn't found.",
  "status": "404"
}
```

Definitions

See Definitions

invalidParams

| Name | Type | Required | Description |
|--------|--------|----------|-------------------------------------------|
| name | string | True | Name of the invalid query parameter |
| reason | string | True | Reason why the query parameter is invalid |

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