



## Event

### Astra Automation

NetApp  
December 01, 2023

# 목차

|                         |    |
|-------------------------|----|
| Event .....             | 1  |
| Event overview .....    | 1  |
| List all events .....   | 1  |
| Retrieve an event ..... | 19 |

# Event

## Event overview

The Event API provides access to events occurring in the system.

## List all events

GET `/accounts/{account_id}/core/v1/events`

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<br><ul style="list-style-type: none"><li>example:<br/>{{.Account}}</li></ul>  |
| include    | string | query | False    | Indicates which fields should be returned when listing a collection.<br><br>URL examples:<br>"include=id",<br>"include=id,name"<br><br>OpenAPI examples:<br>"id"<br><ul style="list-style-type: none"><li>example:<br/>id,summary</li></ul> |
| limit      | string | query | False    | Indicates the maximum number of resources to return when listing a collection.<br><br>URL examples:<br>"limit=2"<br><br>OpenAPI examples:<br>"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"> <li>• eq - Equality</li> <li>• lt/gt - Less than/Greater than</li> <li>• lte/gte - Less than or equals to/Greater than or equals to</li> </ul> <p>URL example:<br/>"filter=field%20eq%20%27value%27"</p> <p>OpenAPI examples:<br/>"field eq 'value'"</p> |
| orderBy | string | query | False    | <p>Indicates the sort order of resource when listing a collection.</p> <p>URL examples:<br/>"orderBy=name",<br/>"orderBy=name%20desc"</p> <p>OpenAPI examples:<br/>"name desc"</p>   |
| skip    | string | query | False    | <p>Indicates the number of resources to skip over when listing a collection.</p> <p>URL examples:<br/>"skip=1"</p> <p>OpenAPI examples:<br/>"1"</p>  |

| Name     | Type   | In    | Required | Description  |
|----------|--------|-------|----------|--|
| count    | string | query | False    | Indicates if the total number of resources should be returned in the metadata object.<br><br>URL examples:<br>"count=true"<br><br>OpenAPI examples:<br>"true"  |
| continue |        | query | False    | Indicates the token to resume listing from.<br><br>URL examples:<br>"continue=<continue token="" from="" collection="" metadata=""></continue><br><br>OpenAPI examples:<br>"<continue token="" from="" collection="" metadata=""></continue>&lt;/continue&gt;" |

## 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: <a href="#">event_1.4_get_response_body</a> , array[]] | True     |             |
| metadata | <a href="#">type_astra_metadata_list</a>                             | True     |             |

## Example response

```
{
  "type": "application/astra-events",
  "version": "1.4",
  "items": [
    [
      "4f8273ee-883d-47f0-a512-9e27b6285f20",
      "Discovering Applications in Cluster"
    ],
    [
      "1cdd26dc-5eb0-4cf4-a0c1-39a9b83720e1",
      "Application Discovered"
    ],
    [
      "2064d1c1-4bc6-466e-9c30-b941a11be16a",
      "Application Discovery Failed"
    ],
    [
      "4325f971-ca9c-4a52-bc9a-da6ec62e6bfe",
      "Application Discovered"
    ]
  ],
  "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

data

JSON object containing additional event-specific information.

| Name              | Type   | Required | Description   |
|-------------------|--------|----------|---|
| ttl               | number | False    | JSON number indicating the number of seconds (since the eventTime) that the event will be retained. This field is only included when an event is automatically deleted after the specified number of seconds. When deleted, if the event has a notification destination, all associated notifications are also deleted. When deleted, if the event has a banner destination, the banner is also removed. The absence of this field (or a value of "0") means that an event will not be automatically deleted. |
| isAcknowledgeable | string | False    | JSON string indicating whether the banner is dismissible. Defined values are: <ul style="list-style-type: none"><li>"true" - The banner is dismissible</li><li>"false" - The banner is not dismissible</li></ul>  |

type\_astra\_label

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

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

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

event\_1.4\_get\_response\_body

| Name    | Type   | Required | Description  |
|---------|--------|----------|--|
| type    | string | True     | Media type of the resource. Defined values are: <ul style="list-style-type: none"> <li>• "application/astra-event"</li> </ul>  |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>• "1.0"</li> <li>• "1.1"</li> <li>• "1.2"</li> <li>• "1.3"</li> <li>• "1.4"</li> </ul> |
| id      | string | True     | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the UUIDv4 Schema</li> </ul>                          |

| Name          | Type   | Required | Description   |
|---------------|--------|----------|---|
| name          | string | True     | <p>JSON string containing a dot notation (.) hierarchical name for the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 127</li> <li>• Defined regex is: <code>"^[a-z](\.[a-z])+\$"</code></li> </ul> |
| sequenceCount | number | True     | <p>JSON number containing a sequence count. The number is incremented by the system each time a new event is received.</p>  |
| summary       | string | True     | <p>JSON string containing the short-form (less than 40 characters) summary of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 79</li> </ul>  |
| eventTime     | string | True     | <p>JSON string containing a timestamp that indicates when an event occurred. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>  |
| source        | string | True     | <p>JSON string containing the lowercase name of the service generating an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 19</li> <li>• Defined regex is: <code>"^[a-z]*\$"</code></li> </ul>        |

| Name                  | Type          | Required | Description  |
|-----------------------|---------------|----------|--|
| resourceID            | string        | True     | <p>JSON string containing the resource ID associated with an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul>  |
| additionalResourceIDs | array[string] | True     | <p>JSON array of JSON strings, each containing a resource ID of an additional resource associated with the event. While the "resourceID" field contains the primary resource associated with this event, this field contains any number of additional resource IDs to be associated with the same events. If no additional resources are associated with the event, the array will be empty. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| resourceType          | string        | True     | <p>JSON string containing the media type of the resource associated with an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 4</li> <li>• Maximum length: 79</li> <li>• Defined regex is: <code>"^application/astra-([a-zA-Z])+"</code></li> </ul>  |

| Name          | Type   | Required | Description  |
|---------------|--------|----------|--|
| correlationID | string | True     | <p>JSON string containing a UUIDv4 correlation ID that allows related events to be grouped together. Defined values are:</p> <ul style="list-style-type: none"><li>• Conforms to the Astra Identifier Schema</li></ul> |

| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| severity | string | True     | <p>JSON string containing one of the following values that indicate the severity of an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to allow it to be matched up.</li> <li>• "indeterminate" - Indicates that the severity cannot be determined.</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733).</li> <li>• "warning" - Indicates the detection of a potential or impending service affecting fault before any significant effects have been felt.</li> <li>• "critical" - Indicates that a service affecting condition has occurred and immediate corrective action is required. Definitions for "cleared", "indeterminate", "warning" and "critical" are based on definitions in clause 8.1.2.3 of CCITT X.733.</li> </ul> |

| Name           | Type   | Required | Description   |
|----------------|--------|----------|---|
| class          | string | True     | <p>JSON string containing one of the following values that indicate the class of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "system" - The event is related to an internal event or request.</li> <li>• "user" - The event is related to a user-initiated event or request.</li> <li>• "security" - The event is related to a security issue.</li> </ul> |
| description    | string | True     | <p>JSON string containing a long-form descriptive text about the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 1023</li> </ul>   |
| descriptionURL | string | False    | <p>JSON string containing the URL that enables and links a button in the banner to external documentation. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>  |



| Name                | Type          | Required | Description   |
|---------------------|---------------|----------|---|
| correctiveAction    | string        | False    | <p>JSON string containing a long-form descriptive text about what corrective action must be taken in response to the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 1023</li> </ul>   |
| correctiveActionURL | string        | False    | <p>JSON string containing the URL that links a button in the banner to a page within the UI to fix the issue. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>   |
| visibility          | array[string] | False    | <p>JSON array of JSON strings, each indicating an RBAC role permitted to view the event. Roles are OR-defined together. Optional. If omitted, a user with any RBAC role can view the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> </ul> |

| Name                  | Type          | Required | Description  |
|-----------------------|---------------|----------|--|
| destinations          | array[string] | False    | <p>JSON array of JSON strings, each indicating an additional destination for the event. These strings allow a service to provide hints about where an event should be routed in addition to the activity log. Optional. Defined values are:</p> <ul style="list-style-type: none"> <li>• "notification" - The event is marked as a notification, and will be accessible through the notifications API endpoint.</li> <li>• "banner" - The event is marked as a banner.</li> <li>• "support" - The event is marked as a support-related event.</li> </ul> |
| resourceURI           | string        | False    | <p>JSON string containing the URI associated with the event. Only included for events related to API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>   |
| resourceCollectionURL | array[string] | False    | <p>JSON array of JSON strings, each indicating the fully-expanded access URL of the resource associated with the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 1023</li> </ul>  |

| Name                 | Type   | Required | Description  |
|----------------------|--------|----------|--|
| resourceMethod       | string | False    | <p>JSON string containing the HTTP method invoked. Only included for events related to API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• "options" - OPTIONS API operation</li> <li>• "post" - POST API operation</li> <li>• "get" - GET API operation</li> <li>• "put" - PUT API operation</li> <li>• "delete" - DELETE API operation</li> </ul> |
| resourceMethodResult | string | False    | <p>JSON string containing the result of the HTTP method invoked. Only included for events related to the API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• Defined regex is: <code>"^[1-5][0-9]{2}\$"</code></li> </ul>   |
| userID               | string | False    | <p>JSON string containing the user ID associated with an event. Only included for events associated with the user-initiated actions. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul>   |

| Name      | Type                                | Required | Description  |
|-----------|-------------------------------------|----------|--|
| accountID | string                              | False    | JSON string containing the account ID associated with an event. Only included for events associated with an account. Defined values are: <ul style="list-style-type: none"> <li>Conforms to the Astra Identifier Schema</li> </ul> |
| data      | <a href="#">data</a>                | False    | JSON object containing additional event-specific information.  |
| metadata  | <a href="#">type_astra_metadata</a> | True     | Client and service-specified metadata associated with the resource. Defined values are: <ul style="list-style-type: none"> <li>Conforms to the Astra Metadata Schema</li> </ul>  |

#### type\_astra\_metadata\_list

| Name                  | Type                                      | Required | Description |
|-----------------------|---|----------|-------------|
| continue              | string                                    | False    |             |
| count                 | number                                    | False    |             |
| labels                | array[ <a href="#">type_astra_label</a> ] | 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 |

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

## Retrieve an event

GET /accounts/{account\_id}/core/v1/events/{event\_id}

Returns the stored Event 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"> <li>example: <code>{{.Account}}</code></li> </ul> |
| event_id   | string | path | True     | ID of the event collection to list   |

### Response

Status: 200, Returns the stored Event 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"> <li>"application/astra-event"</li> </ul> |

| Name          | Type   | Required | Description  |
|---------------|--------|----------|--|
| version       | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>• "1.0"</li> <li>• "1.1"</li> <li>• "1.2"</li> <li>• "1.3"</li> <li>• "1.4"</li> </ul>   |
| id            | string | True     | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the UUIDv4 Schema</li> </ul>  |
| name          | string | True     | JSON string containing a dot notation (.) hierarchical name for the event. Defined values are: <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 127</li> <li>• Defined regex is: "<code>^[a-z](\.[a-z])+\$</code>"</li> </ul> |
| sequenceCount | number | True     | JSON number containing a sequence count. The number is incremented by the system each time a new event is received.  |
| summary       | string | True     | JSON string containing the short-form (less than 40 characters) summary of the event. Defined values are: <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 79</li> </ul>  |

| Name                  | Type          | Required | Description  |
|-----------------------|---------------|----------|--|
| eventTime             | string        | True     | <p>JSON string containing a timestamp that indicates when an event occurred. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>   |
| source                | string        | True     | <p>JSON string containing the lowercase name of the service generating an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 19</li> <li>• Defined regex is: <code>"^[a-z-]*\$"</code></li> </ul>  |
| resourceID            | string        | True     | <p>JSON string containing the resource ID associated with an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul>  |
| additionalResourceIDs | array[string] | True     | <p>JSON array of JSON strings, each containing a resource ID of an additional resource associated with the event. While the "resourceID" field contains the primary resource associated with this event, this field contains any number of additional resource IDs to be associated with the same events. If no additional resources are associated with the event, the array will be empty. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |

| Name          | Type   | Required | Description   |
|---------------|--------|----------|---|
| resourceType  | string | True     | <p>JSON string containing the media type of the resource associated with an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 4</li> <li>• Maximum length: 79</li> <li>• Defined regex is: <code>"^application/astra-([a-zA-Z])+\$"</code></li> </ul> |
| correlationID | string | True     | <p>JSON string containing a UUIDv4 correlation ID that allows related events to be grouped together. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul>  |



| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| severity | string | True     | <p>JSON string containing one of the following values that indicate the severity of an event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to allow it to be matched up.</li> <li>• "indeterminate" - Indicates that the severity cannot be determined.</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733).</li> <li>• "warning" - Indicates the detection of a potential or impending service affecting fault before any significant effects have been felt.</li> <li>• "critical" - Indicates that a service affecting condition has occurred and immediate corrective action is required. Definitions for "cleared", "indeterminate", "warning" and "critical" are based on definitions in clause 8.1.2.3 of CCITT X.733.</li> </ul> |

| Name             | Type   | Required | Description   |
|------------------|--------|----------|---|
| class            | string | True     | <p>JSON string containing one of the following values that indicate the class of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "system" - The event is related to an internal event or request.</li> <li>• "user" - The event is related to a user-initiated event or request.</li> <li>• "security" - The event is related to a security issue.</li> </ul> |
| description      | string | True     | <p>JSON string containing a long-form descriptive text about the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 1023</li> </ul>   |
| descriptionURL   | string | False    | <p>JSON string containing the URL that enables and links a button in the banner to external documentation. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>  |
| correctiveAction | string | False    | <p>JSON string containing a long-form descriptive text about what corrective action must be taken in response to the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 1023</li> </ul>   |

| Name                | Type          | Required | Description  |
|---------------------|---------------|----------|--|
| correctiveActionURL | string        | False    | <p>JSON string containing the URL that links a button in the banner to a page within the UI to fix the issue. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>  |
| visibility          | array[string] | False    | <p>JSON array of JSON strings, each indicating an RBAC role permitted to view the event. Roles are OR-defined together. Optional. If omitted, a user with any RBAC role can view the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> </ul>  |
| destinations        | array[string] | False    | <p>JSON array of JSON strings, each indicating an additional destination for the event. These strings allow a service to provide hints about where an event should be routed in addition to the activity log. Optional. Defined values are:</p> <ul style="list-style-type: none"> <li>• "notification" - The event is marked as a notification, and will be accessible through the notifications API endpoint.</li> <li>• "banner" - The event is marked as a banner.</li> <li>• "support" - The event is marked as a support-related event.</li> </ul> |

| Name                  | Type          | Required | Description  |
|-----------------------|---------------|----------|--|
| resourceURI           | string        | False    | <p>JSON string containing the URI associated with the event. Only included for events related to API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 3</li> <li>• Maximum length: 4095</li> </ul>   |
| resourceCollectionURL | array[string] | False    | <p>JSON array of JSON strings, each indicating the fully-expanded access URL of the resource associated with the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• Minimum length: 1</li> <li>• Maximum length: 1023</li> </ul>  |
| resourceMethod        | string        | False    | <p>JSON string containing the HTTP method invoked. Only included for events related to API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• "options" - OPTIONS API operation</li> <li>• "post" - POST API operation</li> <li>• "get" - GET API operation</li> <li>• "put" - PUT API operation</li> <li>• "delete" - DELETE API operation</li> </ul> |

| Name                 | Type                                | Required | Description  |
|----------------------|-------------------------------------|----------|--|
| resourceMethodResult | string                              | False    | <p>JSON string containing the result of the HTTP method invoked. Only included for events related to the API operations. Defined values are:</p> <ul style="list-style-type: none"> <li>• Defined regex is: <code>"^[1-5][0-9]{2}\$"</code></li> </ul>   |
| userID               | string                              | False    | <p>JSON string containing the user ID associated with an event. Only included for events associated with the user-initiated actions. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| accountID            | string                              | False    | <p>JSON string containing the account ID associated with an event. Only included for events associated with an account. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul>              |
| data                 | <a href="#">data</a>                | False    | <p>JSON object containing additional event-specific information.</p>   |
| metadata             | <a href="#">type_astra_metadata</a> | True     | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema</li> </ul>   |

**Example response**

A large, empty rectangular box with a thin, dashed border, occupying most of the page. It is intended for an example response.

```

{
  "type": "application/astra-event",
  "version": "1.4",
  "id": "c32df10b-8cfb-5a1e-9510-2a262b476009",
  "name": "astra.app.discovery.failed",
  "sequenceCount": 48923,
  "summary": "Application Discovery Failed",
  "eventTime": "2020-08-06T12:24:51.846543Z",
  "source": "composite-compute",
  "resourceID": "f670bf11-8850-44bd-b330-815af6186a06",
  "additionalResourceIDs": [
    "84dfef99-b7b2-46d2-9021-0a1a9a5dfd1d6",
    "abb32003-07b9-49b1-9938-1cf6d2f33566"
  ],
  "resourceType": "application/astra-app",
  "correlationID": "3c603442-cfca-4af9-9f1b-40dde5c7a806",
  "severity": "warning",
  "class": "user",
  "description": "Discovering the application 'mysql' was unsuccessful.
K8s error 442. Application marked in state 'error'.",
  "resourceURI": "/accounts/fdaa655c-15ab-4d34-aa61-
1e9098e67be0/topology/v1/managedClusters/dfd9de2d-6f0b-437b-a737-
c8f7f176cd14/apps/f670bf11-8850-44bd-b330-815af6186a06",
  "resourceCollectionURL": [
    "https://www.astra.io/accounts/fdaa655c-15ab-4d34-aa61-
1e9098e67be0/topology/v1/clouds/0df3f1a0-7203-4c12-aabf-
a7bee6302671/clusters/dfd9de2d-6f0b-437b-a737-
c8f7f176cd14/namespaces/f8b58091-4b9c-4c64-9b40-
018dbaf7c5de/apps/f670bf11-8850-44bd-b330-815af6186a06",
    "https://www.astra.io/accounts/fdaa655c-15ab-4d34-aa61-
1e9098e67be0/topology/v1/clouds/0df3f1a0-7203-4c12-aabf-
a7bee6302671/clusters/dfd9de2d-6f0b-437b-a737-
c8f7f176cd14/namespaces/923708f8-0435-45b5-8c00-
fbdef3ffaf25/apps/f670bf11-8850-44bd-b330-815af6186a06"
  ],
  "userID": "abda967f-cd2c-4237-908e-99266648c553",
  "accountID": "f126d214-bccf-4558-86b4-2137a41e734f",
  "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

data

JSON object containing additional event-specific information.

| Name              | Type   | Required | Description   |
|-------------------|--------|----------|---|
| ttl               | number | False    | JSON number indicating the number of seconds (since the eventTime) that the event will be retained. This field is only included when an event is automatically deleted after the specified number of seconds. When deleted, if the event has a notification destination, all associated notifications are also deleted. When deleted, if the event has a banner destination, the banner is also removed. The absence of this field (or a value of "0") means that an event will not be automatically deleted. |
| isAcknowledgeable | string | False    | JSON string indicating whether the banner is dismissible. Defined values are: <ul style="list-style-type: none"><li>"true" - The banner is dismissible</li><li>"false" - The banner is not dismissible</li></ul>  |

type\_astra\_label

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

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

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

## 저작권 정보

Copyright © 2023 NetApp, Inc. All Rights Reserved. 미국에서 인쇄된 본 문서의 어떠한 부분도 저작권 소유자의 사전 서면 승인 없이는 어떠한 형식이나 수단(복사, 녹음, 녹화 또는 전자 검색 시스템에 저장하는 것을 비롯한 그래픽, 전자적 또는 기계적 방법)으로도 복제될 수 없습니다.

NetApp이 저작권을 가진 자료에 있는 소프트웨어에는 아래의 라이선스와 고지사항이 적용됩니다.

본 소프트웨어는 NetApp에 의해 '있는 그대로' 제공되며 상품성 및 특정 목적에의 적합성에 대한 명시적 또는 묵시적 보증을 포함하여(이에 제한되지 않음) 어떠한 보증도 하지 않습니다. NetApp은 대체품 또는 대체 서비스의 조달, 사용 불능, 데이터 손실, 이익 손실, 영업 중단을 포함하여(이에 국한되지 않음), 이 소프트웨어의 사용으로 인해 발생하는 모든 직접 및 간접 손해, 우발적 손해, 특별 손해, 징벌적 손해, 결과적 손해의 발생에 대하여 그 발생 이유, 책임론, 계약 여부, 엄격한 책임, 불법 행위(과실 또는 그렇지 않은 경우)와 관계없이 어떠한 책임도 지지 않으며, 이와 같은 손실의 발생 가능성이 통지되었다 하더라도 마찬가지입니다.

NetApp은 본 문서에 설명된 제품을 언제든지 예고 없이 변경할 권리를 보유합니다. NetApp은 NetApp의 명시적인 서면 동의를 받은 경우를 제외하고 본 문서에 설명된 제품을 사용하여 발생하는 어떠한 문제에도 책임을 지지 않습니다. 본 제품의 사용 또는 구매의 경우 NetApp에서는 어떠한 특허권, 상표권 또는 기타 지적 재산권이 적용되는 라이선스도 제공하지 않습니다.

본 설명서에 설명된 제품은 하나 이상의 미국 특허, 해외 특허 또는 출원 중인 특허로 보호됩니다.

제한적 권리 표시: 정부에 의한 사용, 복제 또는 공개에는 DFARS 252.227-7013(2014년 2월) 및 FAR 52.227-19(2007년 12월)의 기술 데이터-비상업적 품목에 대한 권리(Rights in Technical Data -Noncommercial Items) 조항의 하위 조항 (b)(3)에 설명된 제한사항이 적용됩니다.

여기에 포함된 데이터는 상업용 제품 및/또는 상업용 서비스(FAR 2.101에 정의)에 해당하며 NetApp, Inc.의 독점 자산입니다. 본 계약에 따라 제공되는 모든 NetApp 기술 데이터 및 컴퓨터 소프트웨어는 본질적으로 상업용이며 개인 비용만으로 개발되었습니다. 미국 정부는 데이터가 제공된 미국 계약과 관련하여 해당 계약을 지원하는 데에만 데이터에 대한 전 세계적으로 비독점적이고 양도할 수 없으며 재사용이 불가능하며 취소 불가능한 라이선스를 제한적으로 가집니다. 여기에 제공된 경우를 제외하고 NetApp, Inc.의 사전 서면 승인 없이는 이 데이터를 사용, 공개, 재생산, 수정, 수행 또는 표시할 수 없습니다. 미국 국방부에 대한 정부 라이선스는 DFARS 조항 252.227-7015(b)(2014년 2월)에 명시된 권한으로 제한됩니다.

## 상표 정보

NETAPP, NETAPP 로고 및 <http://www.netapp.com/TM>에 나열된 마크는 NetApp, Inc.의 상표입니다. 기타 회사 및 제품 이름은 해당 소유자의 상표일 수 있습니다.