



Entitlement

Astra Automation

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목차

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Entitlement

Entitlement overview

The Entitlement API provides CRUD (Create-Read-Update-Delete) access to entitlement resources to represent which features or capacities are enabled by the licenses and subscriptions active for an account.

List all entitlements

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

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" <ul style="list-style-type: none">example: product,entitlementType,entitlementValue,allocation |

| Name | Type | In | Required | Description |
|---------|--------|-------|----------|--|
| limit | string | query | False | <p>Indicates the maximum number of resources to return when listing a collection.</p> <p>URL examples: "limit=2"</p> <p>OpenAPI examples: "2"</p> |
| 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> |
| orderBy | string | query | False | <p>Indicates the sort order of resource when listing a collection.</p> <p>URL examples: "orderBy=name", "orderBy=name%20desc"</p> <p>OpenAPI examples: "name desc"</p> |

| Name | Type | In | Required | Description |
|----------|--------|-------|----------|--|
| skip | string | query | False | Indicates the number of resources to skip over when listing a collection. URL examples: "skip=1" OpenAPI examples: "1" |
| count | string | query | False | Indicates if the total number of resources should be returned in the metadata object. URL examples: "count=true" OpenAPI examples: "true" |
| continue | | query | False | Indicates the token to resume listing from. URL examples: "continue=<continue token="" from="" collection="" metadata="">"</continue> OpenAPI examples: "<continue token="" from="" collection="" metadata="">"</continue></continue>" |

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: entitlement_1.0_get_response_body , array[]] | True | |
| metadata | type_astra_metadata_list | True | |

Example response

```
{
  "type": "application/astra-entitlements",
  "version": "1.0",
  "items": [
    [
      "Astra SDS",
      "capacity",
      "2",
      null
    ],
    [
      "Astra Enterprise",
      "clusters",
      "100",
      "5e9fe8f7-4c54-441c-ac94-fd8451f9ca38"
    ]
  ],
  "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 | False | |

| 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 | False | |
| 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 | False | |
| 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 | False | |
| 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

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 | |

entitlement_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-entitlement" |
| 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 |
|------------------------|-------------|-----------------|--|
| allocation | string | False | JSON string containing the ID of the object that the entitlement is allocated to. Only present when the entitlement is allocated. String contents not validated by the schema. |
| product | string | False | JSON string containing the product string extracted from the license or subscription. String contents not validated by the schema. |
| productVersion | string | False | JSON string containing the version string extracted from the license or subscription. String contents not validated by the schema. |
| entitlementType | string | True | JSON string containing the type of the entitlement. This is extracted from the license or subscription. String contents not validated by the schema. |
| entitlementValue | string | True | JSON string containing the capacity associated with the entitlement. String contents not validated by the schema. |
| entitlementConsumption | string | False | JSON string containing the amount of the capacity associated with the entitlement that is currently in use. String contents not validated by the schema. |

| Name | Type | Required | Description |
|---------------------|-------------------------------------|----------|---|
| sourceLicense | string | False | <p>JSON string containing the license object ID that the entitlement is sourced from. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema |
| sourceSubscription | string | False | <p>JSON string containing the ID of the subscription object that the entitlement is sourced from. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema |
| validFromTimestamp | string | False | <p>JSON string containing a timestamp indicating when the entitlement becomes valid. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema |
| validUntilTimestamp | string | False | <p>JSON string containing a timestamp indicating when the entitlement is no longer valid. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema |
| metadata | type_astra_metadata | 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 |

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 an entitlement

GET /accounts/{account_id}/core/v1/entitlements/{entitlement_id}

Returns the stored Entitlement 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: {{.Account}} |
| entitlement_id | string | path | True | ID of the entitlement collection to list |

Response

Status: 200, Returns the stored Entitlement 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-entitlement" |
| 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 |
| allocation | string | False | JSON string containing the ID of the object that the entitlement is allocated to. Only present when the entitlement is allocated. String contents not validated by the schema. |
| product | string | False | JSON string containing the product string extracted from the license or subscription. String contents not validated by the schema. |
| productVersion | string | False | JSON string containing the version string extracted from the license or subscription. String contents not validated by the schema. |

| Name | Type | Required | Description |
|------------------------|--------|----------|--|
| entitlementType | string | True | JSON string containing the type of the entitlement. This is extracted from the license or subscription. String contents not validated by the schema. |
| entitlementValue | string | True | JSON string containing the capacity associated with the entitlement. String contents not validated by the schema. |
| entitlementConsumption | string | False | JSON string containing the amount of the capacity associated with the entitlement that is currently in use. String contents not validated by the schema. |
| sourceLicense | string | False | JSON string containing the license object ID that the entitlement is sourced from. Defined values are: <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema |
| sourceSubscription | string | False | JSON string containing the ID of the subscription object that the entitlement is sourced from. Defined values are: <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema |
| validFromTimestamp | string | False | JSON string containing a timestamp indicating when the entitlement becomes valid. Defined values are: <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema |

| Name | Type | Required | Description |
|---------------------|-------------------------------------|----------|---|
| validUntilTimestamp | string | False | <p>JSON string containing a timestamp indicating when the entitlement is no longer valid. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema |
| metadata | type_astra_metadata | 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 |

Example response

```
{
  "type": "application/astra-entitlement",
  "version": "1.0",
  "id": "8bdafc19-bde6-5f45-9808-4893c845c9f5",
  "product": "Astra SDS",
  "productVersion": "1.0",
  "entitlementType": "capacity",
  "entitlementValue": "2",
  "entitlementConsumption": "1",
  "sourceLicense": "c8aa757a-5318-489f-8134-a2a1a6956a3e",
  "validFromTimestamp": "2020-08-06T00:00:00.000000Z",
  "validUntilTimestamp": "2021-08-06T00:00:00.000000Z",
  "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 | False | |
| 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 | False | |
| 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 | False | |
| 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 | False | |

| 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

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 |

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