



Subscription

Astra Automation

NetApp
December 01, 2023

Sommario

- Subscription 1
 - Subscription overview 1
 - Create a new subscription 1
 - List all subscriptions 15
 - Retrieve a subscription 29
 - Modify a subscription 37
 - Delete a subscription 49

Subscription

Subscription overview

The Subscription API provides access to subscription resources in order to represent active subscriptions.

Create a new subscription

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

Indicates desired values for the Subscription 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 desired values for the Subscription 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-subscription" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0""1.1""1.2" |

| Name | Type | Required | Description |
|-------------------|--------------------------------|----------|--|
| customerProfileID | string | False | <p>JSON string containing the customer profile ID from Authorize.net, which was invoked by the UI, is not set for the trial term. Returns an empty string during read operation, if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentFirstName | string | False | <p>JSON string containing a user-specified long-form first name used for payment billing. Specified only when the subscription is being rebilled. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 |
| paymentLastName | string | False | <p>JSON string containing a user-specified long-form last name used for payment billing. Specified only when the subscription is being rebilled. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 |
| paymentAddress | paymentAddress | False | <p>JSON object containing a collection of JSON strings specifying a billing address. Specified only when the subscription is being rebilled. If this key exists, all six of the contained JSON strings will be present. If nothing was provided by the user, the string will be empty.</p> |

| Name | Type | Required | Description |
|------------------|--------|----------|---|
| paymentProfileID | string | False | <p>JSON string containing the payment profile ID from Authorize.net that was invoked by the UI, not set for trial term. Returns an empty string during read operation if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentExpiry | string | False | <p>JSON string containing a timestamp indicating when the payment method expires. This is obtained from authorize.net (http://authorize.net) and is set by the UI. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema This field is not returned for trial terms. |
| marketplace | string | False | <p>JSON string indicating the marketplace for an account where payments will be recorded. Defined values:</p> <ul style="list-style-type: none"> • "netapp" • "azure" • "aws" • "gcp" |
| terms | string | True | <p>JSON string indicating the current tier of the account. Defined values are:</p> <ul style="list-style-type: none"> • "trial" • "paid" |

| 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-subscription",
  "version": "1.2",
  "terms": "trial"
}
```

Response

Status: 201, Returns the newly created subscription 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-subscription" |

| Name | Type | Required | Description |
|-------------------|--------|----------|--|
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none"> • "1.0" • "1.1" • "1.2" |
| id | string | True | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema |
| customerProfileID | string | True | JSON string containing the customer profile ID from Authorize.net , which was invoked by the UI, is not set for the trial term. Returns an empty string during read operation, if not set. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentProfileID | string | False | JSON string containing the payment profile ID from Authorize.net that was invoked by the UI, not set for trial term. Returns an empty string during read operation if not set. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |

| Name | Type | Required | Description |
|---------------------|--------|----------|---|
| paymentExpiry | string | False | <p>JSON string containing a timestamp indicating when the payment method expires. This is obtained from authorize.net](http://authorize.net) and is set by the UI. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema This field is not returned for trial terms. |
| purchaseOrderNumber | string | False | <p>JSON string containing the purchase order number for the payment method. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| marketplace | string | False | <p>JSON string indicating the marketplace for an account where payments will be recorded. Defined values:</p> <ul style="list-style-type: none"> • "netapp" • "azure" • "aws" • "gcp" |
| licenseSN | string | False | <p>JSON string containing the license serial number for the payment method. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |

| Name | Type | Required | Description |
|----------------------|--------|----------|--|
| terms | string | True | JSON string indicating the current tier of the account. Defined values are: <ul style="list-style-type: none"> • "trial" • "paid" |
| status | string | True | JSON string indicating the current status of the subscription. Defined values are: <ul style="list-style-type: none"> • "active" • "inactive" |
| appLimit | number | True | JSON number indicating the application limit for this subscription. Value of -1 indicates no limit. |
| namespaceLimit | number | True | JSON number indicating the namespace limit for this subscription. Value of -1 indicates no limit. |
| subscriptionPeriod | number | True | JSON number indicating the subscription period. Value of -1 indicates no limit. Unit: days |
| gracePeriod | number | True | JSON number indicating the grace period after the trial subscription has expired or a paid subscription is canceled. Unit: days |
| reminderBeforePeriod | number | True | JSON number indicating the number of days before the end of the trial subscription when the customer notifications will begin. The value is expressed in days with a value of -1 indicating it's not applicable. |

| Name | Type | Required | Description |
|----------------------|--|----------|--|
| onboardStatus | string | True | <p>JSON string indicating the current status of customer onboarding. Valid values are "not started", "in progress", "success", "failed". Defined values are:</p> <ul style="list-style-type: none"> • "not started" • "in progress" • "success" • "failed" |
| costPerAppUnit | number | True | <p>JSON number indicating the cost per app unit. For a trial version, the value is 0. Unit: US dollars</p> |
| costPerNamespaceUnit | number | True | <p>JSON number indicating the cost per namespace unit. For a trial version, the value is 0. Unit: US dollars</p> |
| 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-subscription",
  "version": "1.2",
  "id": "40b4106f-b743-5d83-95c7-d539b2b45f63",
  "customerProfileID": "2157047189",
  "paymentProfileID": "E7CEB0A9F1BECA32A02493E1B31D5955",
  "paymentExpiry": "2022-02-01T00:00:00Z",
  "purchaseOrderNumber": "72384632",
  "marketplace": "netapp",
  "licenseSN": "278343",
  "terms": "trial",
  "status": "active",
  "appLimit": 0,
  "namespaceLimit": 10,
  "subscriptionPeriod": 90,
  "gracePeriod": 7,
  "reminderBeforePeriod": 30,
  "onboardStatus": "in progress",
  "costPerAppUnit": 0,
  "costPerNamespaceUnit": 0.005,
  "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

paymentAddress

JSON object containing a collection of JSON strings specifying a billing address. Specified only when the subscription is being rebilled. If this key exists, all six of the contained JSON strings will be present. If nothing was provided by the user, the string will be empty.

| Name | Type | Required | Description |
|-----------------|--------|----------|---|
| addressCountry | string | True | JSON string containing the country name or country code associated with the postal address, as specified in ISO 3166 Alpha-2. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 2 |
| addressLocality | string | True | JSON string containing the locality (for example, city) associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |
| addressRegion | string | True | JSON string containing the region (for example, state) associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |
| postalCode | string | True | JSON string containing the postal code associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |

| Name | Type | Required | Description |
|----------------|--------|----------|--|
| streetAddress1 | string | True | JSON string containing the street address associated with the postal address. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| streetAddress2 | string | False | JSON string containing optional ancillary street address information, post office box, and more. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |

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 subscriptions

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

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: <code>{{.Account}}</code> |

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

| 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> |
| include | string | query | False | <p>Indicates which fields should be returned when listing a collection.</p> <p>URL examples: "include=id", "include=id,name"</p> <p>OpenAPI examples: "id"</p> |
| 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> |

| Name | Type | In | Required | Description |
|---------|--------|-------|----------|--|
| orderBy | string | query | False | Indicates the sort order of resource when listing a collection. URL examples: "orderBy=name", "orderBy=name%20desc" OpenAPI examples: "name desc" |
| skip | string | query | False | Indicates the number of resources to skip over when listing a collection. URL examples: "skip=1" OpenAPI examples: "1" |

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: subscription_1.2_get_response_body , array[]] | True | |
| metadata | type_astra_metadata_list | True | |

Example response

```
{
  "type": "application/astra-subscriptions",
  "version": "1.2",
  "items": [
    {
      "type": "application/astra-subscription",
      "version": "1.1",
      "id": "d4c865c9-64a7-4661-ae4a-3307dffcd3da",
      "customerProfileID": "2157047189",
      "paymentProfileID": "E7CEB0A9F1BECA32A02493E1B31D5955",
      "paymentExpiry": "2022-02-01T00:00:00Z",
      "purchaseOrderNumber": "72384632",
      "marketplace": "netapp",
      "licenseSN": "278343",
      "terms": "trial",
      "status": "inactive",
      "appLimit": 0,
      "namespaceLimit": 10,
      "subscriptionPeriod": 90,
      "gracePeriod": 7,
      "reminderBeforePeriod": 30,
      "onboardStatus": "success",
      "costPerAppUnit": 0,
      "costPerNamespaceUnit": 0.005,
      "metadata": {
        "labels": [],
        "creationTimestamp": "2020-05-06T12:24:52.256624Z",
        "modificationTimestamp": "2020-05-06T12:24:52.256624Z",
        "createdBy": "11c0cfa1-4f27-4ef7-a21c-cb452fc5c9aa"
      }
    },
    {
      "type": "application/astra-subscription",
      "version": "1.1",
      "id": "4c43ed8b-078f-4fe3-b8c6-5d515f6382e6",
      "customerProfileID": "2157047189",
      "paymentProfileID": "E7CEB0A9F1BECA32A02493E1B31D5955",
      "paymentExpiry": "2022-05-01T00:00:00Z",
      "purchaseOrderNumber": "92374658",
      "marketplace": "netapp",
      "licenseSN": "374623",
      "terms": "paid",
      "status": "active",
      "appLimit": 0,

```

```

"namespaceLimit": -1,
"subscriptionPeriod": -1,
"gracePeriod": -1,
"reminderBeforePeriod": -1,
"onboardStatus": "success",
"costPerAppUnit": 0,
"costPerNamespaceUnit": 0.005,
"metadata": {
  "labels": [],
  "creationTimestamp": "2020-08-06T12:24:52.256624Z",
  "modificationTimestamp": "2020-08-06T12:24:52.256624Z",
  "createdBy": "11c0cfa1-4f27-4ef7-a21c-cb452fc5c9aa"
}
],
"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 | |

subscription_1.2_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-subscription" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">• "1.0"• "1.1"• "1.2" |
| 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 |
|-------------------|--------|----------|---|
| customerProfileID | string | True | <p>JSON string containing the customer profile ID from Authorize.net, which was invoked by the UI, is not set for the trial term. Returns an empty string during read operation, if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentProfileID | string | False | <p>JSON string containing the payment profile ID from Authorize.net that was invoked by the UI, not set for trial term. Returns an empty string during read operation if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentExpiry | string | False | <p>JSON string containing a timestamp indicating when the payment method expires. This is obtained from authorize.net (http://authorize.net) and is set by the UI. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema This field is not returned for trial terms. |

| Name | Type | Required | Description |
|---------------------|--------|----------|--|
| purchaseOrderNumber | string | False | JSON string containing the purchase order number for the payment method. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| marketplace | string | False | JSON string indicating the marketplace for an account where payments will be recorded. Defined values: <ul style="list-style-type: none"> • "netapp" • "azure" • "aws" • "gcp" |
| licenseSN | string | False | JSON string containing the license serial number for the payment method. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| terms | string | True | JSON string indicating the current tier of the account. Defined values are: <ul style="list-style-type: none"> • "trial" • "paid" |
| status | string | True | JSON string indicating the current status of the subscription. Defined values are: <ul style="list-style-type: none"> • "active" • "inactive" |

| Name | Type | Required | Description |
|----------------------|--------|----------|--|
| appLimit | number | True | JSON number indicating the application limit for this subscription. Value of -1 indicates no limit. |
| namespaceLimit | number | True | JSON number indicating the namespace limit for this subscription. Value of -1 indicates no limit. |
| subscriptionPeriod | number | True | JSON number indicating the subscription period. Value of -1 indicates no limit. Unit: days |
| gracePeriod | number | True | JSON number indicating the grace period after the trial subscription has expired or a paid subscription is canceled. Unit: days |
| reminderBeforePeriod | number | True | JSON number indicating the number of days before the end of the trial subscription when the customer notifications will begin. The value is expressed in days with a value of -1 indicating it's not applicable. |
| onboardStatus | string | True | JSON string indicating the current status of customer onboarding. Valid values are "not started", "in progress", "success", "failed". Defined values are: <ul style="list-style-type: none"> • "not started" • "in progress" • "success" • "failed" |

| Name | Type | Required | Description |
|----------------------|--|----------|--|
| costPerAppUnit | number | True | JSON number indicating the cost per app unit. For a trial version, the value is 0. Unit: US dollars |
| costPerNamespaceUnit | number | True | JSON number indicating the cost per namespace unit. For a trial version, the value is 0. Unit: US dollars |
| 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 subscription

GET /accounts/{account_id}/core/v1/subscriptions/{subscription_id}

Returns the stored Subscription 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> |
| subscription_id | string | path | True | ID of the subscription collection to list |

Response

Status: 200, Returns the stored Subscription 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-subscription" |

| Name | Type | Required | Description |
|-------------------|--------|----------|--|
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none"> • "1.0" • "1.1" • "1.2" |
| id | string | True | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema |
| customerProfileID | string | True | JSON string containing the customer profile ID from Authorize.net , which was invoked by the UI, is not set for the trial term. Returns an empty string during read operation, if not set. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentProfileID | string | False | JSON string containing the payment profile ID from Authorize.net that was invoked by the UI, not set for trial term. Returns an empty string during read operation if not set. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |

| Name | Type | Required | Description |
|---------------------|--------|----------|---|
| paymentExpiry | string | False | <p>JSON string containing a timestamp indicating when the payment method expires. This is obtained from authorize.net](http://authorize.net) and is set by the UI. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema This field is not returned for trial terms. |
| purchaseOrderNumber | string | False | <p>JSON string containing the purchase order number for the payment method. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| marketplace | string | False | <p>JSON string indicating the marketplace for an account where payments will be recorded. Defined values:</p> <ul style="list-style-type: none"> • "netapp" • "azure" • "aws" • "gcp" |
| licenseSN | string | False | <p>JSON string containing the license serial number for the payment method. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |

| Name | Type | Required | Description |
|----------------------|--------|----------|--|
| terms | string | True | JSON string indicating the current tier of the account. Defined values are: <ul style="list-style-type: none"> • "trial" • "paid" |
| status | string | True | JSON string indicating the current status of the subscription. Defined values are: <ul style="list-style-type: none"> • "active" • "inactive" |
| appLimit | number | True | JSON number indicating the application limit for this subscription. Value of -1 indicates no limit. |
| namespaceLimit | number | True | JSON number indicating the namespace limit for this subscription. Value of -1 indicates no limit. |
| subscriptionPeriod | number | True | JSON number indicating the subscription period. Value of -1 indicates no limit. Unit: days |
| gracePeriod | number | True | JSON number indicating the grace period after the trial subscription has expired or a paid subscription is canceled. Unit: days |
| reminderBeforePeriod | number | True | JSON number indicating the number of days before the end of the trial subscription when the customer notifications will begin. The value is expressed in days with a value of -1 indicating it's not applicable. |

| Name | Type | Required | Description |
|----------------------|--|----------|---|
| onboardStatus | string | True | <p>JSON string indicating the current status of customer onboarding. Valid values are "not started", "in progress", "success", "failed". Defined values are:</p> <ul style="list-style-type: none"> • "not started" • "in progress" • "success" • "failed" |
| costPerAppUnit | number | True | <p>JSON number indicating the cost per app unit. For a trial version, the value is 0. Unit: US dollars</p> |
| costPerNamespaceUnit | number | True | <p>JSON number indicating the cost per namespace unit. For a trial version, the value is 0. Unit: US dollars</p> |
| 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-subscription",
  "version": "1.2",
  "id": "40b4106f-b743-5d83-95c7-d539b2b45f63",
  "customerProfileID": "2157047189",
  "paymentProfileID": "E7CEB0A9F1BECA32A02493E1B31D5955",
  "paymentExpiry": "2022-02-01T00:00:00Z",
  "purchaseOrderNumber": "72384632",
  "marketplace": "netapp",
  "licenseSN": "278343",
  "terms": "trial",
  "status": "active",
  "onboardStatus": "success",
  "costPerAppUnit": 0,
  "costPerNamespaceUnit": 0.005,
  "appLimit": 0,
  "namespaceLimit": 10,
  "subscriptionPeriod": 90,
  "gracePeriod": 7,
  "reminderBeforePeriod": 30,
  "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 | |

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 subscription

PUT /accounts/{account_id}/core/v1/subscriptions/{subscription_id}

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

Side Effects

- If the user cancels the subscription, the PUT endpoint must be called with "status": "inactive".
- When the status is set to "inactive", the pending charges for this subscription are sent to Zuora and the

Zuora subscription will be marked as "inactive" in some way.

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}} |
| subscription_id | string | path | True | ID of the subscription 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

- If the user cancels the subscription, the PUT endpoint must be called with "status": "inactive".
- When the status is set to "inactive", the pending charges for this subscription are sent to Zuora and the Zuora subscription will be marked as "inactive" in some way.

| Name | Type | Required | Description |
|---------|--------|----------|--|
| type | string | True | Media type of the resource. Defined values are: <ul style="list-style-type: none">"application/astra-subscription" |
| version | string | True | Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0""1.1""1.2" |
| 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 |
|-------------------|--------------------------------|----------|--|
| customerProfileID | string | False | <p>JSON string containing the customer profile ID from Authorize.net, which was invoked by the UI, is not set for the trial term. Returns an empty string during read operation, if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentFirstName | string | False | <p>JSON string containing a user-specified long-form first name used for payment billing. Specified only when the subscription is being rebilled. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 |
| paymentLastName | string | False | <p>JSON string containing a user-specified long-form last name used for payment billing. Specified only when the subscription is being rebilled. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 |
| paymentAddress | paymentAddress | False | <p>JSON object containing a collection of JSON strings specifying a billing address. Specified only when the subscription is being rebilled. If this key exists, all six of the contained JSON strings will be present. If nothing was provided by the user, the string will be empty.</p> |

| Name | Type | Required | Description |
|---------------------|--------|----------|---|
| paymentProfileID | string | False | <p>JSON string containing the payment profile ID from Authorize.net that was invoked by the UI, not set for trial term. Returns an empty string during read operation if not set. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| paymentExpiry | string | False | <p>JSON string containing a timestamp indicating when the payment method expires. This is obtained from authorize.net (http://authorize.net) and is set by the UI. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema This field is not returned for trial terms. |
| purchaseOrderNumber | string | False | <p>JSON string containing the purchase order number for the payment method. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| marketplace | string | False | <p>JSON string indicating the marketplace for an account where payments will be recorded. Defined values:</p> <ul style="list-style-type: none"> • "netapp" • "azure" • "aws" • "gcp" |

| Name | Type | Required | Description |
|--------------------|--------|----------|--|
| licenseSN | string | False | JSON string containing the license serial number for the payment method. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 31 |
| terms | string | False | JSON string indicating the current tier of the account. Defined values are: <ul style="list-style-type: none"> • "trial" • "paid" |
| status | string | False | JSON string indicating the current status of the subscription. Defined values are: <ul style="list-style-type: none"> • "active" • "inactive" |
| appLimit | number | False | JSON number indicating the application limit for this subscription. Value of -1 indicates no limit. |
| namespaceLimit | number | False | JSON number indicating the namespace limit for this subscription. Value of -1 indicates no limit. |
| subscriptionPeriod | number | False | JSON number indicating the subscription period. Value of -1 indicates no limit. Unit: days |
| gracePeriod | number | False | JSON number indicating the grace period after the trial subscription has expired or a paid subscription is canceled. Unit: days |

| Name | Type | Required | Description |
|----------------------|--------|----------|---|
| reminderBeforePeriod | number | False | JSON number indicating the number of days before the end of the trial subscription when the customer notifications will begin. The value is expressed in days with a value of -1 indicating it's not applicable. |
| onboardStatus | string | False | JSON string indicating the current status of customer onboarding. Valid values are "not started", "in progress", "success", "failed". Defined values are: <ul style="list-style-type: none"> • "not started" • "in progress" • "success" • "failed" |
| costPerAppUnit | number | False | JSON number indicating the cost per app unit. For a trial version, the value is 0. Unit: US dollars |
| costPerNamespaceUnit | number | False | JSON number indicating the cost per namespace unit. For a trial version, the value is 0. Unit: US dollars |

| 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-subscription",
  "version": "1.2",
  "customerProfileID": "2157047189",
  "paymentProfileID": "E7CEB0A9F1BECA32A02493E1B31D5955",
  "paymentExpiry": "2022-05-01T00:00:00Z"
}
```

Response

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

Response

Status: 401, Unauthorized

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

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| 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/1",
  "title": "Resource not found",
  "detail": "The resource specified in the request URI wasn't found.",
  "status": "404"
}
```

Definitions

See Definitions

paymentAddress

JSON object containing a collection of JSON strings specifying a billing address. Specified only when the subscription is being rebilled. If this key exists, all six of the contained JSON strings will be present. If nothing was provided by the user, the string will be empty.

| Name | Type | Required | Description |
|-----------------|--------|----------|---|
| addressCountry | string | True | JSON string containing the country name or country code associated with the postal address, as specified in ISO 3166 Alpha-2. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 2 |
| addressLocality | string | True | JSON string containing the locality (for example, city) associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |
| addressRegion | string | True | JSON string containing the region (for example, state) associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |
| postalCode | string | True | JSON string containing the postal code associated with the postal address. Defined values are: <ul style="list-style-type: none">• Minimum length: 0• Maximum length: 63 |

| Name | Type | Required | Description |
|----------------|--------|----------|--|
| streetAddress1 | string | True | JSON string containing the street address associated with the postal address. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |
| streetAddress2 | string | False | JSON string containing optional ancillary street address information, post office box, and more. Defined values are: <ul style="list-style-type: none"> • Minimum length: 0 • Maximum length: 63 |

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 subscription

DELETE /accounts/{account_id}/core/v1/subscriptions/{subscription_id}

Removes the specified Subscription API resource.

Side Effects

- Subscription is deleted along with all the charges associated with it.

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> |
| subscription_id | string | path | True | ID of the subscription collection to list |

Response

Status: 204, Indicates if the subscription 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 | |

| Name | Type | Required | Description |
|---------------|--------|----------|-------------|
| 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 |

Informazioni sul copyright

Copyright © 2023 NetApp, Inc. Tutti i diritti riservati. Stampato negli Stati Uniti d'America. Nessuna porzione di questo documento soggetta a copyright può essere riprodotta in qualsiasi formato o mezzo (grafico, elettronico o meccanico, inclusi fotocopie, registrazione, nastri o storage in un sistema elettronico) senza previo consenso scritto da parte del detentore del copyright.

Il software derivato dal materiale sottoposto a copyright di NetApp è soggetto alla seguente licenza e dichiarazione di non responsabilità:

IL PRESENTE SOFTWARE VIENE FORNITO DA NETAPP "COSÌ COM'È" E SENZA QUALSIVOGLIA TIPO DI GARANZIA IMPLICITA O ESPRESSA FRA CUI, A TITOLO ESEMPLIFICATIVO E NON ESAUSTIVO, GARANZIE IMPLICITE DI COMMERCIALIZZABILITÀ E IDONEITÀ PER UNO SCOPO SPECIFICO, CHE VENGONO DECLINATE DAL PRESENTE DOCUMENTO. NETAPP NON VERRÀ CONSIDERATA RESPONSABILE IN ALCUN CASO PER QUALSIVOGLIA DANNO DIRETTO, INDIRETTO, ACCIDENTALE, SPECIALE, ESEMPLARE E CONSEGUENZIALE (COMPRESI, A TITOLO ESEMPLIFICATIVO E NON ESAUSTIVO, PROCUREMENT O SOSTITUZIONE DI MERCI O SERVIZI, IMPOSSIBILITÀ DI UTILIZZO O PERDITA DI DATI O PROFITTI OPPURE INTERRUZIONE DELL'ATTIVITÀ AZIENDALE) CAUSATO IN QUALSIVOGLIA MODO O IN RELAZIONE A QUALUNQUE TEORIA DI RESPONSABILITÀ, SIA ESSA CONTRATTUALE, RIGOROSA O DOVUTA A INSOLVENZA (COMPRESA LA NEGLIGENZA O ALTRO) INSORTA IN QUALSIASI MODO ATTRAVERSO L'UTILIZZO DEL PRESENTE SOFTWARE ANCHE IN PRESENZA DI UN PREAVVISO CIRCA L'EVENTUALITÀ DI QUESTO TIPO DI DANNI.

NetApp si riserva il diritto di modificare in qualsiasi momento qualunque prodotto descritto nel presente documento senza fornire alcun preavviso. NetApp non si assume alcuna responsabilità circa l'utilizzo dei prodotti o materiali descritti nel presente documento, con l'eccezione di quanto concordato espressamente e per iscritto da NetApp. L'utilizzo o l'acquisto del presente prodotto non comporta il rilascio di una licenza nell'ambito di un qualche diritto di brevetto, marchio commerciale o altro diritto di proprietà intellettuale di NetApp.

Il prodotto descritto in questa guida può essere protetto da uno o più brevetti degli Stati Uniti, esteri o in attesa di approvazione.

LEGENDA PER I DIRITTI SOTTOPOSTI A LIMITAZIONE: l'utilizzo, la duplicazione o la divulgazione da parte degli enti governativi sono soggetti alle limitazioni indicate nel sottoparagrafo (b)(3) della clausola Rights in Technical Data and Computer Software del DFARS 252.227-7013 (FEB 2014) e FAR 52.227-19 (DIC 2007).

I dati contenuti nel presente documento riguardano un articolo commerciale (secondo la definizione data in FAR 2.101) e sono di proprietà di NetApp, Inc. Tutti i dati tecnici e il software NetApp forniti secondo i termini del presente Contratto sono articoli aventi natura commerciale, sviluppati con finanziamenti esclusivamente privati. Il governo statunitense ha una licenza irrevocabile limitata, non esclusiva, non trasferibile, non cedibile, mondiale, per l'utilizzo dei Dati esclusivamente in connessione con e a supporto di un contratto governativo statunitense in base al quale i Dati sono distribuiti. Con la sola esclusione di quanto indicato nel presente documento, i Dati non possono essere utilizzati, divulgati, riprodotti, modificati, visualizzati o mostrati senza la previa approvazione scritta di NetApp, Inc. I diritti di licenza del governo degli Stati Uniti per il Dipartimento della Difesa sono limitati ai diritti identificati nella clausola DFARS 252.227-7015(b) (FEB 2014).

Informazioni sul marchio commerciale

NETAPP, il logo NETAPP e i marchi elencati alla pagina <http://www.netapp.com/TM> sono marchi di NetApp, Inc. Gli altri nomi di aziende e prodotti potrebbero essere marchi dei rispettivi proprietari.