



License

Astra Automation

NetApp
August 11, 2025

This PDF was generated from https://docs.netapp.com/it-it/astra-automation/reference/license_overview.html on August 11, 2025. Always check docs.netapp.com for the latest.

Sommario

License	1
License overview	1
Create a new license	1
Parameters	1
Request Body	1
Response	3
Response	8
Response	9
Response	10
Response	10
Error	11
Definitions	11
List all licenses	14
Parameters	14
Response	15
Response	16
Response	17
Response	17
Error	18
Definitions	19
Retrieve a license	26
Parameters	26
Response	26
Response	31
Response	32
Response	33
Error	33
Definitions	34
Modify a license	36
Parameters	36
Request Body	37
Response	41
Response	41
Response	42
Response	43
Response	43
Error	44
Definitions	45
Delete a license	47
Parameters	48
Response	48
Response	48
Response	49

Response	49
Error	50
Definitions	51

License

License overview

The License API represents licenses loaded into the account.

Create a new license

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

Indicates the desired values for the License API resource to be created.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource example: {{.Account}}

Request Body

Indicates the desired values for the License API resource to be created.

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: "application/astra-license"
version	string	True	Version of the resource. Defined values are: "1.0"

Name	Type	Required	Description
allocation	string	False	JSON string containing an ID indicating what the license is allocated to. Only present when the license is allocated. For Astra Control Center licenses, this field must be populated with the account ID and must match the account ID specified in the POST URI. Defined values are: • Conforms to the Astra Identifier Schema
deviceCredentialID	string	False	JSON string containing the identifier of the deviceCredential associated with the Credential API. Only present for Astra Data Store licenses. Defined value are: • Conforms to the Astra Identifier Schema
licenseText	string	True	JSON string containing a base64 encoded representation of the license JSON as obtained from the NetApp license system. This must be provided in the original byte-level order to allow signature verification. Defined values are: • Conforms to the base64 Encoded Data Schema

Name	Type	Required	Description
metadata	type_astra_metadata_update	False	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.

Example request

```
{
  "type": "application/astra-license",
  "version": "1.0",
  "allocation": "4185d09b-6687-4801-a832-c005a9d94f41",
  "licenseText": "ewogICAic3Rh dHVzUmVzcCI6ewogMTYwNzAwIgp9"
}
```

Response

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

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: "application/astra-license"

Name	Type	Required	Description
version	string	True	Version of the resource. Defined values are: • "1.0"
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema
allocation	string	False	JSON string containing an ID indicating what the license is allocated to. Only present when the license is allocated. For Astra Control Center licenses, this field must be populated with the account ID and must match the account ID specified in the POST URI. Defined values are: • Conforms to the Astra Identifier Schema
hostID	string	False	JSON string containing a host identifier that a license is bound to. Only present if the license is host-locked. Defined values are: • Minimum length: 1 • Maximum length: 63
deviceCredentialID	string	False	JSON string containing the identifier of the deviceCredential associated with the Credential API. Only present for Astra Data Store licenses. Defined value are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
isEvaluation	string	True	JSON string indicating whether the license is an evaluation license. Defined values are: • "true" • "false"
licenseProtocol	string	True	JSON string containing the license protocol extracted from the license. Defined values are: • String contents not validated by the schema
licenseText	string	True	JSON string containing a base64 encoded representation of the license JSON as obtained from the NetApp license system. This must be provided in the original byte-level order to allow signature verification. Defined values are: • Conforms to the base64 Encoded Data Schema
validFromTimestamp	string	True	JSON string containing a timestamp indicating when the license becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema

Name	Type	Required	Description
validUntilTimestamp	string	True	JSON string containing a timestamp indicating when the license is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
product	string	True	JSON string containing the product string extracted from the license. Defined values are: • String contents not validated by the schema
productVersion	string	True	JSON string containing the version string extracted from the license. Defined values are: • String contents not validated by the schema
productSN	string	True	JSON string containing the serial number string extracted from the license. Defined values are: • String contents not validated by the schema
features	string	True	JSON string containing the package value extracted from the license. Defined values are: • String contents not validated by the schema

Name	Type	Required	Description
capacity	string	True	JSON string containing the capacity extracted from the license.
capacity2	string	True	JSON string containing the secondary capacity extracted from the license.
addons	array[addons]	False	JSON array of JSON objects containing the list of add-ons from the license. An add-on is a change in license occurring at a potential future date.
metadata	type_astra_metadata_update	True	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.

Example response

```
{
  "type": "application/astra-license",
  "version": "1.0",
  "id": "6db53b32-8417-5d3c-8ef0-552fc602c78f",
  "allocation": "4185d09b-6687-4801-a832-c005a9d94f41",
  "hostID": "99132549-e0c2-4203-9d1e-598628b4ff9b",
  "isEvaluation": "false",
  "licenseProtocol": "ASTRASDS-ENT-SUBS",
  "licenseText": "ewogICAic3RhdHVzUmVzcCI6ewogMTYwNzAwIgp9",
  "validFromTimestamp": "2020-08-06T00:00:00.000000Z",
  "validUntilTimestamp": "2021-08-06T00:00:00.000000Z",
  "product": "Astra Control Center",
  "productVersion": "1.0",
  "productSN": "320000046",
  "features": "ASTRA-ENT-STD",
  "capacity": "4000",
  "capacity2": "0",
  "addons": [
    {
      "startDate": "2020-08-06T00:00:00.000000Z",
      "endDate": "2021-08-06T00:00:00.000000Z",
      "capacity": "4000",
      "licenseProtocol": "ASTRA-ENT-STD",
      "features": "p-nfs,dm-storage-policy-based-pvs-for-k8s,dm-spbm-
based-vvols-for-vms,dm-storage-efficiency,dm-data-at-rest-encryption"
    }
  ],
  "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	

Example response

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

Response

Status: 409, Conflict

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata_update

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

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

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

addons

Name	Type	Required	Description
startDate	string	False	JSON string containing a timestamp indicating when this add-on becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
endDate	string	False	JSON string containing a timestamp indicating when this add-on is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema

Name	Type	Required	Description
features	string	False	JSON string containing the list of features associated with this add-on. Defined values are: String contents not validated by the schema.
capacity	string	False	JSON string containing the capacity extracted from the add-on. Defined values are: String contents not validated by the schema
licenseProtocol	string	False	JSON string containing the license protocol associated with this add-on. Defined values are: String contents not validated by the schema

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 licenses

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

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 • 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" • example: id,product
limit	string	query	False	Indicates the maximum number of resources to return when listing a collection. URL examples: "limit=2" OpenAPI examples: "2"

Name	Type	In	Required	Description
filter	string	query	False	Indicates which fields should be matched in order to return a resource when listing a collection. Supported operators are: • eq - Equality • lt/gt - Less than/Greater than • lte/gte - Less than or equals to/Greater than or equals to URL example: "filter=field%20eq%20%27value%27" OpenAPI examples: "field eq 'value'"

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: license_1.0_get_response_body , array[]]	True	
metadata	type_astra_metadata_list	True	

Example response

```
{
  "type": "application/astra-licenses",
  "version": "1.0",
  "items": [
    [
      "c8aa757a-5318-489f-8134-a2a1a6956a3e",
      "Astra SDS"
    ],
    [
      "0f7cc03d-9afc-4192-af7f-b29ab24f8f2a",
      "Astra Enterprise"
    ]
  ],
  "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

addons

Name	Type	Required	Description
startDate	string	False	JSON string containing a timestamp indicating when this add-on becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
endDate	string	False	JSON string containing a timestamp indicating when this add-on is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
features	string	False	JSON string containing the list of features associated with this add-on. Defined values are: • String contents not validated by the schema.
capacity	string	False	JSON string containing the capacity extracted from the add-on. Defined values are: • String contents not validated by the schema
licenseProtocol	string	False	JSON string containing the license protocol associated with this add-on. Defined values are: • String contents not validated by the schema

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	

license_1.0_get_response_body

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-license"
version	string	True	Version of the resource. Defined values are: • "1.0"
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema

Name	Type	Required	Description
allocation	string	False	JSON string containing an ID indicating what the license is allocated to. Only present when the license is allocated. For Astra Control Center licenses, this field must be populated with the account ID and must match the account ID specified in the POST URI. Defined values are: • Conforms to the Astra Identifier Schema
hostID	string	False	JSON string containing a host identifier that a license is bound to. Only present if the license is host-locked. Defined values are: • Minimum length: 1 • Maximum length: 63
deviceCredentialID	string	False	JSON string containing the identifier of the deviceCredential associated with the Credential API. Only present for Astra Data Store licenses. Defined value are: • Conforms to the Astra Identifier Schema
isEvaluation	string	True	JSON string indicating whether the license is an evaluation license. Defined values are: • "true" • "false"

Name	Type	Required	Description
licenseProtocol	string	True	JSON string containing the license protocol extracted from the license. Defined values are: • String contents not validated by the schema
licenseText	string	True	JSON string containing a base64 encoded representation of the license JSON as obtained from the NetApp license system. This must be provided in the original byte-level order to allow signature verification. Defined values are: • Conforms to the base64 Encoded Data Schema
validFromTimestamp	string	True	JSON string containing a timestamp indicating when the license becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
validUntilTimestamp	string	True	JSON string containing a timestamp indicating when the license is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema

Name	Type	Required	Description
product	string	True	JSON string containing the product string extracted from the license. Defined values are: • String contents not validated by the schema
productVersion	string	True	JSON string containing the version string extracted from the license. Defined values are: • String contents not validated by the schema
productSN	string	True	JSON string containing the serial number string extracted from the license. Defined values are: • String contents not validated by the schema
features	string	True	JSON string containing the package value extracted from the license. Defined values are: • String contents not validated by the schema
capacity	string	True	JSON string containing the capacity extracted from the license.
capacity2	string	True	JSON string containing the secondary capacity extracted from the license.

Name	Type	Required	Description
addons	array[addons]	False	JSON array of JSON objects containing the list of add-ons from the license. An add-on is a change in license occurring at a potential future date.
metadata	type_astra_metadata_update	True	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.

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

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

Retrieve a license

GET /accounts/{account_id}/core/v1/licenses/{license_id}

Returns the stored License API resource in the JSON response body.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource example: <code>{{.Account}}</code>
license_id	string	path	True	ID of the license collection to list

Response

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

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: "application/astra-license"
version	string	True	Version of the resource. Defined values are: "1.0"

Name	Type	Required	Description
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema
allocation	string	False	JSON string containing an ID indicating what the license is allocated to. Only present when the license is allocated. For Astra Control Center licenses, this field must be populated with the account ID and must match the account ID specified in the POST URI. Defined values are: • Conforms to the Astra Identifier Schema
hostID	string	False	JSON string containing a host identifier that a license is bound to. Only present if the license is host-locked. Defined values are: • Minimum length: 1 • Maximum length: 63
deviceCredentialID	string	False	JSON string containing the identifier of the deviceCredential associated with the Credential API. Only present for Astra Data Store licenses. Defined value are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
isEvaluation	string	True	JSON string indicating whether the license is an evaluation license. Defined values are: • "true" • "false"
licenseProtocol	string	True	JSON string containing the license protocol extracted from the license. Defined values are: • String contents not validated by the schema
licenseText	string	True	JSON string containing a base64 encoded representation of the license JSON as obtained from the NetApp license system. This must be provided in the original byte-level order to allow signature verification. Defined values are: • Conforms to the base64 Encoded Data Schema
validFromTimestamp	string	True	JSON string containing a timestamp indicating when the license becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema

Name	Type	Required	Description
validUntilTimestamp	string	True	JSON string containing a timestamp indicating when the license is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
product	string	True	JSON string containing the product string extracted from the license. Defined values are: • String contents not validated by the schema
productVersion	string	True	JSON string containing the version string extracted from the license. Defined values are: • String contents not validated by the schema
productSN	string	True	JSON string containing the serial number string extracted from the license. Defined values are: • String contents not validated by the schema
features	string	True	JSON string containing the package value extracted from the license. Defined values are: • String contents not validated by the schema

Name	Type	Required	Description
capacity	string	True	JSON string containing the capacity extracted from the license.
capacity2	string	True	JSON string containing the secondary capacity extracted from the license.
addons	array[addons]	False	JSON array of JSON objects containing the list of add-ons from the license. An add-on is a change in license occurring at a potential future date.
metadata	type_astra_metadata_update	True	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.

Example response

```
{
  "type": "application/astra-license",
  "version": "1.0",
  "id": "6db53b32-8417-5d3c-8ef0-552fc602c78f",
  "allocation": "4185d09b-6687-4801-a832-c005a9d94f41",
  "hostID": "99132549-e0c2-4203-9d1e-598628b4ff9b",
  "isEvaluation": "false",
  "licenseProtocol": "ASTRASDS-ENT-SUBS",
  "licenseText": "ewogICAic3RhdHVzUmVzcCI6ewogMTYwNzAwIgp9",
  "validFromTimestamp": "2020-08-06T00:00:00.000000Z",
  "validUntilTimestamp": "2021-08-06T00:00:00.000000Z",
  "product": "Astra Control Center",
  "productVersion": "1.0",
  "productSN": "320000046",
  "features": "ASTRA-ENT-STD",
  "capacity": "4000",
  "capacity2": "0",
  "addons": [
    {
      "startDate": "2020-08-06T00:00:00.000000Z",
      "endDate": "2021-08-06T00:00:00.000000Z",
      "capacity": "4000",
      "licenseProtocol": "ASTRA-ENT-STD",
      "features": "p-nfs,dm-storage-policy-based-pvs-for-k8s,dm-spbm-
based-vvols-for-vms,dm-storage-efficiency,dm-data-at-rest-encryption"
    }
  ],
  "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

addons

Name	Type	Required	Description
startDate	string	False	JSON string containing a timestamp indicating when this add-on becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
endDate	string	False	JSON string containing a timestamp indicating when this add-on is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
features	string	False	JSON string containing the list of features associated with this add-on. Defined values are: • String contents not validated by the schema.
capacity	string	False	JSON string containing the capacity extracted from the add-on. Defined values are: • String contents not validated by the schema
licenseProtocol	string	False	JSON string containing the license protocol associated with this add-on. Defined values are: • String contents not validated by the schema

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 license

PUT /accounts/{account_id}/core/v1/licenses/{license_id}

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

Side Effects

- Entitlements are recalculated to add or merge the license entitlements visible through the Entitlement API.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource example: <code>{{.Account}}</code>
license_id	string	path	True	ID of the license 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

- Entitlements are recalculated to add or merge the license entitlements visible through the Entitlement API.

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: "application/astra-license"
version	string	True	Version of the resource. Defined values are: "1.0"
id	string	False	Globally unique identifier of the resource. Defined values are: Conforms to the UUIDv4 Schema

Name	Type	Required	Description
allocation	string	False	JSON string containing an ID indicating what the license is allocated to. Only present when the license is allocated. For Astra Control Center licenses, this field must be populated with the account ID and must match the account ID specified in the POST URI. Defined values are: • Conforms to the Astra Identifier Schema
hostID	string	False	JSON string containing a host identifier that a license is bound to. Only present if the license is host-locked. Defined values are: • Minimum length: 1 • Maximum length: 63
deviceCredentialID	string	False	JSON string containing the identifier of the deviceCredential associated with the Credential API. Only present for Astra Data Store licenses. Defined value are: • Conforms to the Astra Identifier Schema
isEvaluation	string	False	JSON string indicating whether the license is an evaluation license. Defined values are: • "true" • "false"

Name	Type	Required	Description
licenseProtocol	string	False	JSON string containing the license protocol extracted from the license. Defined values are: String contents not validated by the schema
licenseText	string	False	JSON string containing a base64 encoded representation of the license JSON as obtained from the NetApp license system. This must be provided in the original byte-level order to allow signature verification. Defined values are: Conforms to the base64 Encoded Data Schema
validFromTimestamp	string	False	JSON string containing a timestamp indicating when the license becomes valid. Defined values are: Conforms to the ISO-8601 Date Time Schema
validUntilTimestamp	string	False	JSON string containing a timestamp indicating when the license is no longer valid. Defined values are: Conforms to the ISO-8601 Date Time Schema

Name	Type	Required	Description
product	string	False	JSON string containing the product string extracted from the license. Defined values are: • String contents not validated by the schema
productVersion	string	False	JSON string containing the version string extracted from the license. Defined values are: • String contents not validated by the schema
productSN	string	False	JSON string containing the serial number string extracted from the license. Defined values are: • String contents not validated by the schema
features	string	False	JSON string containing the package value extracted from the license. Defined values are: • String contents not validated by the schema
capacity	string	False	JSON string containing the capacity extracted from the license.
capacity2	string	False	JSON string containing the secondary capacity extracted from the license.

Name	Type	Required	Description
addons	array[addons]	False	JSON array of JSON objects containing the list of add-ons from the license. An add-on is a change in license occurring at a potential future date.
metadata	type_astra_metadata_update	False	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.

Example request

```
{
  "type": "application/astra-license",
  "version": "1.0",
  "allocation": "4185d09b-6687-4801-a832-c005a9d94f41",
  "licenseText": "ewogICAic3RhdHVzUmVzcCI6ewogMTYwNzAwIgp9"
}
```

Response

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

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	

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

addons

Name	Type	Required	Description
startDate	string	False	JSON string containing a timestamp indicating when this add-on becomes valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
endDate	string	False	JSON string containing a timestamp indicating when this add-on is no longer valid. Defined values are: • Conforms to the ISO-8601 Date Time Schema
features	string	False	JSON string containing the list of features associated with this add-on. Defined values are: • String contents not validated by the schema.
capacity	string	False	JSON string containing the capacity extracted from the add-on. Defined values are: • String contents not validated by the schema
licenseProtocol	string	False	JSON string containing the license protocol associated with this add-on. Defined values are: • String contents not validated by the schema

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 license

DELETE /accounts/{account_id}/core/v1/licenses/{license_id}

Removes the specified License API resource. The automatically installed evaluation license cannot be deleted.

Side Effects

- Entitlements are recalculated to remove the license entitlements visible through the Entitlement API. If the automatically installed evaluation license was present on this system before deletion, it is reapplied to the system automatically.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource example: {{.Account}}
license_id	string	path	True	ID of the license collection to list

Response

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

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

invalidParams

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

Informazioni sul copyright

Copyright © 2025 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.