Cloud

Astra Automation

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Cloud

Cloud overview

The Cloud API provides access to cloud resources to allow clients to connect to specific clouds to manage clusters and applications.

Create a new cloud

POST `/accounts/{account_id}/topology/v1/clouds`

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

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-cloud"
version	string	True	Version of the resource. Defined values are: • "1.0" • "1.1"

Name	Type	Required	Description
name	string	True	JSON string containing the name of the cloud. Defined values are: • Minimum length: 1 • Maximum length: 63 • This string is internally validated to prevent XSS, Unicode, directory traversal, and SQL-injection attacks
cloudType	string	True	JSON string containing a value indicating the type of cloud. Defined values are: • "gcp" - The cloud is provided by Google • "azure" - The cloud is provided by Microsoft • "aws" - The cloud is provided by Amazon • "private" - The cloud is customer managed
credentialID	string	False	JSON string containing a value indicating the ID of the credential that contains the service account for the cloud. This is required for cloudType "gcp", "azure" and "aws". Defined values are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
defaultBucketID	string	False	JSON string containing the ID of a bucket that is to be used by default when creating backups for applications within the cloud. This is required when cloning applications across clusters and is used as a default if a bucket is not specified when creating backups and schedules. Defined values are: • Conforms to the Astra Identifier Schema
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-cloud",
  "version": "1.1",
  "name": "GKE",
  "cloudType": "gcp",
  "credentialID": "6fa2f917-f730-41b8-9c15-17f531843b31"
}
```

Response

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

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-cloud"
version	string	True	Version of the resource. Defined values are: • "1.0" • "1.1"
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema
name	string	True	JSON string containing the name of the cloud. Defined values are: • Minimum length: 1 • Maximum length: 63 • This string is internally validated to prevent XSS, Unicode, directory traversal, and SQL-injection attacks

Name	Type	Required	Description
state	string	True	JSON string containing a value indicating the operational state of the cloud. Defined values are: • "pending" - The cloud is scheduled for discovery • "discovering" - The cloud is in the process of being discovered • "provisioning" - The cloud is in the process of being provisioned • "running" - The cloud is running normally • "failed" - The cloud is in a permanent failure state • "removed" - The cloud is not currently accessible • "unknown" - The cloud state cannot be determined
stateUnready	array[string]	True	JSON array of JSON strings, each indicating a reason why a cloud is unable to transition to "running" or why it has transitioned to "failed". Defined values are: • Minimum length: 1 • Maximum length: 127

Name	Type	Required	Description
cloudType	string	True	JSON string containing a value indicating the type of cloud. Defined values are: • "gcp" - The cloud is provided by Google • "azure" - The cloud is provided by Microsoft • "aws" - The cloud is provided by Amazon • "private" - The cloud is customer managed
credentialID	string	False	JSON string containing a value indicating the ID of the credential that contains the service account for the cloud. This is required for cloudType "gcp", "azure" and "aws". Defined values are: • Conforms to the Astra Identifier Schema
defaultBucketID	string	False	JSON string containing the ID of a bucket that is to be used by default when creating backups for applications within the cloud. This is required when cloning applications across clusters and is used as a default if a bucket is not specified when creating backups and schedules. Defined values are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
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-cloud",
  "version": "1.1",
  "id": "1c9512c3-ec62-5ed8-8013-02fc090b9d03",
  "name": "GKE",
  "state": "discovering",
  "stateUnready": [
    "Cloud discovery in progress"
  ],
  "cloudType": "gcp",
  "credentialID": "6fa2f917-f730-41b8-9c15-17f531843b31",
  "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	

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	

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

Example response


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


Error

```
Status: 404, Not found
```

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

Example error response


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


Definitions

See Definitions

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata_update

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

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

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

invalidParams

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

invalidFields

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

List all clouds

GET `/accounts/{account_id}/topology/v1/clouds`

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,name,state
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: cloud_1.1_get_response_body, array[]]	True	
metadata	type_astra_metadata_list	True	

Example response


```
{
  "type": "application/astra-clouds",
  "version": "1.1",
  "items": [
    [
      "2f9e63fa-8ba8-414a-a57c-0f3042b80682",
      "gcp",
      "discovering"
    ],
    [
      "f723febe-b167-44dd-b07d-c075a8bbe4f3",
      "aws",
      "failed"
    ]
  ],
  "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	

cloud_1.1_get_response_body

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-cloud"
version	string	True	Version of the resource. Defined values are: • "1.0" • "1.1"
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema

Name	Type	Required	Description
name	string	True	JSON string containing the name of the cloud. Defined values are: • Minimum length: 1 • Maximum length: 63 • This string is internally validated to prevent XSS, Unicode, directory traversal, and SQL-injection attacks
state	string	True	JSON string containing a value indicating the operational state of the cloud. Defined values are: • "pending" - The cloud is scheduled for discovery • "discovering" - The cloud is in the process of being discovered • "provisioning" - The cloud is in the process of being provisioned • "running" - The cloud is running normally • "failed" - The cloud is in a permanent failure state • "removed" - The cloud is not currently accessible • "unknown" - The cloud state cannot be determined

Name	Type	Required	Description
stateUnready	array[string]	True	JSON array of JSON strings, each indicating a reason why a cloud is unable to transition to "running" or why it has transitioned to "failed". Defined values are: • Minimum length: 1 • Maximum length: 127
cloudType	string	True	JSON string containing a value indicating the type of cloud. Defined values are: • "gcp" - The cloud is provided by Google • "azure" - The cloud is provided by Microsoft • "aws" - The cloud is provided by Amazon • "private" - The cloud is customer managed
credentialID	string	False	JSON string containing a value indicating the ID of the credential that contains the service account for the cloud. This is required for cloudType "gcp", "azure" and "aws". Defined values are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
defaultBucketID	string	False	JSON string containing the ID of a bucket that is to be used by default when creating backups for applications within the cloud. This is required when cloning applications across clusters and is used as a default if a bucket is not specified when creating backups and schedules. Defined values are: • Conforms to the Astra Identifier Schema
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	

Name	Type	Required	Description
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 cloud

GET `/accounts/{account_id}/topology/v1/clouds/{cloud_id}`

Returns the stored Cloud 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: {{.Account}}
cloud_id	string	path	True	ID of the cloud collection to list

Response

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

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-cloud"
version	string	True	Version of the resource. Defined values are: • "1.0" • "1.1"
id	string	True	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema
name	string	True	JSON string containing the name of the cloud. Defined values are: • Minimum length: 1 • Maximum length: 63 • This string is internally validated to prevent XSS, Unicode, directory traversal, and SQL-injection attacks

Name	Type	Required	Description
state	string	True	JSON string containing a value indicating the operational state of the cloud. Defined values are: • "pending" - The cloud is scheduled for discovery • "discovering" - The cloud is in the process of being discovered • "provisioning" - The cloud is in the process of being provisioned • "running" - The cloud is running normally • "failed" - The cloud is in a permanent failure state • "removed" - The cloud is not currently accessible • "unknown" - The cloud state cannot be determined
stateUnready	array[string]	True	JSON array of JSON strings, each indicating a reason why a cloud is unable to transition to "running" or why it has transitioned to "failed". Defined values are: • Minimum length: 1 • Maximum length: 127

Name	Type	Required	Description
cloudType	string	True	JSON string containing a value indicating the type of cloud. Defined values are: • "gcp" - The cloud is provided by Google • "azure" - The cloud is provided by Microsoft • "aws" - The cloud is provided by Amazon • "private" - The cloud is customer managed
credentialID	string	False	JSON string containing a value indicating the ID of the credential that contains the service account for the cloud. This is required for cloudType "gcp", "azure" and "aws". Defined values are: • Conforms to the Astra Identifier Schema
defaultBucketID	string	False	JSON string containing the ID of a bucket that is to be used by default when creating backups for applications within the cloud. This is required when cloning applications across clusters and is used as a default if a bucket is not specified when creating backups and schedules. Defined values are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
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-cloud",
  "version": "1.1",
  "id": "1c9512c3-ec62-5ed8-8013-02fc090b9d03",
  "name": "GKE",
  "state": "discovering",
  "stateUnready": [
    "Cloud discovery in progress"
  ],
  "cloudType": "gcp",
  "credentialID": "6fa2f917-f730-41b8-9c15-17f531843b31",
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```


Response

```
Status: 401, Unauthorized
```

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

Example response


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


Response

```
Status: 400, Bad request
```

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

Example response


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


Response

```
Status: 403, Forbidden
```

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

Example response


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


Error

```
Status: 404, Not found
```

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

Name	Type	Required	Description
status	string	True	
correlationID	string	False	

Example error response


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


Definitions

See Definitions

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata_update

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

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

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

invalidParams

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

Modify a cloud

PUT `/accounts/{account_id}/topology/v1/clouds/{cloud_id}`

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

Side Effects

- An update will trigger a rediscovery of SAs and clusters.

Parameters

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

- An update will trigger a rediscovery of SAs and clusters.

Name	Type	Required	Description
type	string	True	Media type of the resource. Defined values are: • "application/astra-cloud"
version	string	True	Version of the resource. Defined values are: • "1.0" • "1.1"
id	string	False	Globally unique identifier of the resource. Defined values are: • Conforms to the UUIDv4 Schema

Name	Type	Required	Description
name	string	False	JSON string containing the name of the cloud. Defined values are: • Minimum length: 1 • Maximum length: 63 • This string is internally validated to prevent XSS, Unicode, directory traversal, and SQL-injection attacks
state	string	False	JSON string containing a value indicating the operational state of the cloud. Defined values are: • "pending" - The cloud is scheduled for discovery • "discovering" - The cloud is in the process of being discovered • "provisioning" - The cloud is in the process of being provisioned • "running" - The cloud is running normally • "failed" - The cloud is in a permanent failure state • "removed" - The cloud is not currently accessible • "unknown" - The cloud state cannot be determined

Name	Type	Required	Description
stateUnready	array[string]	False	JSON array of JSON strings, each indicating a reason why a cloud is unable to transition to "running" or why it has transitioned to "failed". Defined values are: • Minimum length: 1 • Maximum length: 127
cloudType	string	False	JSON string containing a value indicating the type of cloud. Defined values are: • "gcp" - The cloud is provided by Google • "azure" - The cloud is provided by Microsoft • "aws" - The cloud is provided by Amazon • "private" - The cloud is customer managed
credentialID	string	False	JSON string containing a value indicating the ID of the credential that contains the service account for the cloud. This is required for cloudType "gcp", "azure" and "aws". Defined values are: • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
defaultBucketID	string	False	JSON string containing the ID of a bucket that is to be used by default when creating backups for applications within the cloud. This is required when cloning applications across clusters and is used as a default if a bucket is not specified when creating backups and schedules. Defined values are: • Conforms to the Astra Identifier Schema
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-cloud",
  "version": "1.1"
}
```

Response

```
Status: 204, Indicates if the cloud 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	
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	

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	

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

Example response


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


Error

```
Status: 404, Not found
```

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

Example error response


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


Definitions

See Definitions

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata_update

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

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

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

invalidParams

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

invalidFields

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

Delete a cloud

DELETE `/accounts/{account_id}/topology/v1/clouds/{cloud_id}`

Deletes the requested cloud instance and any non-managed clusters and volumes associated with that specific cloud.

Parameters

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

Response

```
Status: 204, Indicates if the cloud 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	
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: 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"
}
```


Response

```
Status: 409, Conflict
```

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/141",
  "title": "Action blocked: Delete cloud instance",
  "detail": "The cloud instance wasn't deleted because there are
managed clusters associated with this cloud instance.",
  "status": "409"
}
```

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

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

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