



Application Backup

Astra Automation

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Application Backup

Application Backup overview

The Application Backup API provides CRUD (Create-Read-Update-Delete) access to appBackup resources to create and view backups of a managed application.

List all application backups

GET /accounts/{account_id}/topology/v1/appBackups

Returns a JSON array of all matching resources in the collection. If individual fields are specified in the request, the items JSON array will contain the fields requested for each matching resource in the order specified.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}}
include	string	query	False	Indicates which fields should be returned when listing a collection. URL examples: "include=id", "include=id,name" OpenAPI examples: "id" <ul style="list-style-type: none">example: 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"

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: appBackup_1.1_get_response_body , array[]]	True	
metadata	type_astra_metadata_list	True	

Example response

```
{
  "type": "application/astra-appBackups",
  "version": "1.1",
  "items": [
    [
      "5cb608f9-571b-492e-a520-5bfb900a9b9c",
      "app-name-245",
      "pending"
    ],
    [
      "f8faa690-7e09-48a4-b33c-7965712acd0c",
      "app-name-244",
      "completed"
    ]
  ],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Name	Type	Required	Description
status	string	True	
correlationID	string	False	

Example response

```
{
  "type": "https://astra.netapp.io/problems/96",
  "title": "Backups not listed",
  "detail": "The backups didn't list because of an internal server issue.",
  "status": "500"
}
```

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_stateDetails

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

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata

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

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

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

appBackup_1.1_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-appBackup"
version	string	True	Version of the resource. Defined values are: <ul style="list-style-type: none">• "1.0"• "1.1"

Name	Type	Required	Description
id	string	True	Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema
name	string	True	JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	True	JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are: <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
scheduleID	string	False	<p>JSON string containing an optional schedule ID that indicates that the backup was triggered by a schedule and which schedule triggered the backup. Only present for backups initiated by a schedule. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
state	string	True	<p>JSON string containing a value indicating the operational state of the backup. Defined values are:</p> <ul style="list-style-type: none"> • "pending" - The application backup is scheduled for discovery • "discovering" - The application backup is in the process of being discovered • "running" - The application backup is running normally • "completed" - The application backup has completed successfully • "failed" - The application backup is in a permanent failure state • "removed" - The application backup is not currently accessible • "unknown" - The application backup state cannot be determined
stateUnready	array[string]	True	<p>JSON array of JSON strings, each indicating a reason why an application backup is unable to transition to "running", or why it has transitioned to "failed" or "removed". Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 127

Name	Type	Required	Description
hookState	string	False	<p>JSON string containing a value indicating the state of any execution hooks run as part of snapshot. Defined values are:</p> <ul style="list-style-type: none"> • "failed" - One or more execution hooks have failed • "success" - There were zero or more applicable hooks and all were successful
hookStateDetails	array[type_astra_stateDetails]	False	<p>JSON array of JSON objects which lists additional details about why "hookState" transitioned into "failed". If no details are available, this array will be empty.</p> <ul style="list-style-type: none"> • Minimum items: 0
backupCreationTimestamp	string	False	<p>JSON string containing a timestamp indicating when the backup was taken. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema
totalBytes	number	False	<p>JSON number containing the total number of bytes in the backup.</p>
bytesDone	number	False	<p>JSON number containing the number of bytes backed up for a running backup. When the backup is completed, it matches with the totalBytes field.</p>

Name	Type	Required	Description
percentDone	number	False	JSON number containing the percentage complete for a running backup. When the backup is completed, it is set to "100".
metadata	type_astra_metadata	True	Client and service-specified metadata associated with the resource. Defined values are: <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.

type_astra_metadata_list

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

invalidParams

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

Retrieve an application backup

GET /accounts/{account_id}/topology/v1/appBackups/{appBackup_id}

Returns the stored Application Backup API resource in the JSON response body.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}}
appBackup_id	string	path	True	ID of the appBackup collection to list

Response

Status: 200, Returns the stored Application Backup 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-appBackup"
version	string	True	Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0""1.1"
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
name	string	True	<p>JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	True	<p>JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
scheduleID	string	False	<p>JSON string containing an optional schedule ID that indicates that the backup was triggered by a schedule and which schedule triggered the backup. Only present for backups initiated by a schedule. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
state	string	True	<p>JSON string containing a value indicating the operational state of the backup. Defined values are:</p> <ul style="list-style-type: none"> • "pending" - The application backup is scheduled for discovery • "discovering" - The application backup is in the process of being discovered • "running" - The application backup is running normally • "completed" - The application backup has completed successfully • "failed" - The application backup is in a permanent failure state • "removed" - The application backup is not currently accessible • "unknown" - The application backup state cannot be determined

Name	Type	Required	Description
stateUnready	array[string]	True	<p>JSON array of JSON strings, each indicating a reason why an application backup is unable to transition to "running", or why it has transitioned to "failed" or "removed".</p> <p>Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 127
hookState	string	False	<p>JSON string containing a value indicating the state of any execution hooks run as part of snapshot.</p> <p>Defined values are:</p> <ul style="list-style-type: none"> • "failed" - One or more execution hooks have failed • "success" - There were zero or more applicable hooks and all were successful
hookStateDetails	array[type_astra_stateDetails]	False	<p>JSON array of JSON objects which lists additional details about why "hookState" transitioned into "failed". If no details are available, this array will be empty.</p> <ul style="list-style-type: none"> • Minimum items: 0
backupCreationTimestamp	string	False	<p>JSON string containing a timestamp indicating when the backup was taken. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema
totalBytes	number	False	<p>JSON number containing the total number of bytes in the backup.</p>

Name	Type	Required	Description
bytesDone	number	False	JSON number containing the number of bytes backed up for a running backup. When the backup is completed, it matches with the totalBytes field.
percentDone	number	False	JSON number containing the percentage complete for a running backup. When the backup is completed, it is set to "100".
metadata	type_astra_metadata	True	<p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

Example response

```
{
  "type": "application/astra-appBackup",
  "version": "1.1",
  "id": "54fe651d-3d3b-5fa8-b85c-5db757885ff3",
  "name": "app-name-245",
  "bucketID": "0afbe357-a717-4c7a-8b3d-d0368959c8de",
  "scheduleID": "1fe83650-9b3c-41ef-bb25-a2910c19c33e",
  "state": "pending",
  "stateUnready": [],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Name	Type	Required	Description
status	string	True	
correlationID	string	False	

Example response

```
{
  "type": "https://astra.netapp.io/problems/95",
  "title": "Backup not retrieved",
  "detail": "The backup wasn't retrieved because of an internal server issue.",
  "status": "500"
}
```

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_stateDetails

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

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata

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

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

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

invalidParams

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

Delete an application backup

```
DELETE /accounts/{account_id}/topology/v1/appBackups/{appBackup_id}
```

Removes the specified Application Backup API resource. Backups in progress will be canceled, and then

deleted.

Side Effects

- If a backup is complete, the backup data is deleted.

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}}
appBackup_id	string	path	True	ID of the appBackup collection to list

Response

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

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/97",
  "title": "Backup not deleted",
  "detail": "The backup wasn't deleted because of an internal server issue.",
  "status": "500"
}
```

Response

Status: 409, Conflict

Name	Type	Required	Description
type	string	True	
title	string	True	

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/128",
  "title": "Backup cancellation not allowed",
  "detail": "A pending backup can't be canceled.",
  "status": "409"
}
```

Error

Status: 404, Not found

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

Example error response

```
{
  "type": "https://astra.netapp.io/problems/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

Create a new application backup for an app

POST /accounts/{account_id}/k8s/v1/apps/{app_id}/appBackups

Indicates the desired values for the Application Backup 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}}
app_id	string	path	True	ID of the containing app resource

Request Body

Indicates the desired values for the Application Backup 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-appBackup"

Name	Type	Required	Description
version	string	True	<p>Version of the resource. Defined values are:</p> <ul style="list-style-type: none"> • "1.0" • "1.1"
name	string	False	<p>JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	False	<p>JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
metadata	type_astra_metadata	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.

Example request

```
{
  "type": "application/astra-appBackup",
  "version": "1.1",
  "name": "app-name-245"
}
```

Response

Status: 201, Returns the newly created appBackup 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-appBackup"
version	string	True	Version of the resource. Defined values are: <ul style="list-style-type: none"> • "1.0" • "1.1"
id	string	True	Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema
name	string	True	JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	True	JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are: <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
scheduleID	string	False	<p>JSON string containing an optional schedule ID that indicates that the backup was triggered by a schedule and which schedule triggered the backup. Only present for backups initiated by a schedule. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
state	string	True	<p>JSON string containing a value indicating the operational state of the backup. Defined values are:</p> <ul style="list-style-type: none"> • "pending" - The application backup is scheduled for discovery • "discovering" - The application backup is in the process of being discovered • "running" - The application backup is running normally • "completed" - The application backup has completed successfully • "failed" - The application backup is in a permanent failure state • "removed" - The application backup is not currently accessible • "unknown" - The application backup state cannot be determined
stateUnready	array[string]	True	<p>JSON array of JSON strings, each indicating a reason why an application backup is unable to transition to "running", or why it has transitioned to "failed" or "removed". Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 127

Name	Type	Required	Description
hookState	string	False	<p>JSON string containing a value indicating the state of any execution hooks run as part of snapshot. Defined values are:</p> <ul style="list-style-type: none"> • "failed" - One or more execution hooks have failed • "success" - There were zero or more applicable hooks and all were successful
hookStateDetails	array[type_astra_stateDetails]	False	<p>JSON array of JSON objects which lists additional details about why "hookState" transitioned into "failed". If no details are available, this array will be empty.</p> <ul style="list-style-type: none"> • Minimum items: 0
backupCreationTimestamp	string	False	<p>JSON string containing a timestamp indicating when the backup was taken. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema
totalBytes	number	False	<p>JSON number containing the total number of bytes in the backup.</p>
bytesDone	number	False	<p>JSON number containing the number of bytes backed up for a running backup. When the backup is completed, it matches with the totalBytes field.</p>

Name	Type	Required	Description
percentDone	number	False	JSON number containing the percentage complete for a running backup. When the backup is completed, it is set to "100".
metadata	type_astra_metadata	True	Client and service-specified metadata associated with the resource. Defined values are: <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.

Example response

```
{
  "type": "application/astra-appBackup",
  "version": "1.1",
  "id": "54fe651d-3d3b-5fa8-b85c-5db757885ff3",
  "name": "app-name-245",
  "bucketID": "0afbe357-a717-4c7a-8b3d-d0368959c8de",
  "scheduleID": "1fe83650-9b3c-41ef-bb25-a2910c19c33e",
  "state": "pending",
  "stateUnready": [],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

```
Status: 401, Unauthorized
```

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 500, Internal server error

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/94",
  "title": "Backup not created",
  "detail": "The backup wasn't created because of an internal server issue.",
  "status": "500"
}
```

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata

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

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

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

type_astra_stateDetails

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

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

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

List the application backups for an app

GET /accounts/{account_id}/k8s/v1/apps/{app_id}/appBackups

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}}
app_id	string	path	True	ID of the containing app resource
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

Name	Type	In	Required	Description
limit	string	query	False	Indicates the maximum number of resources to return when listing a collection. URL examples: "limit=2" OpenAPI examples: "2"

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: appBackup_1.1_get_response_body , array[]]	True	
metadata	type_astra_metadata_list	True	

Example response

```
{
  "type": "application/astra-appBackups",
  "version": "1.1",
  "items": [
    [
      "5cb608f9-571b-492e-a520-5bfb900a9b9c",
      "app-name-245",
      "pending"
    ],
    [
      "f8faa690-7e09-48a4-b33c-7965712acd0c",
      "app-name-244",
      "completed"
    ]
  ],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/96",
  "title": "Backups not listed",
  "detail": "The backups didn't list because of an internal server issue.",
  "status": "500"
}
```

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_stateDetails

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

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata

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

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

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

appBackup_1.1_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-appBackup"
version	string	True	Version of the resource. Defined values are: <ul style="list-style-type: none">• "1.0"• "1.1"

Name	Type	Required	Description
id	string	True	Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> • Conforms to the UUIDv4 Schema
name	string	True	JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are: <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	True	JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are: <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
scheduleID	string	False	<p>JSON string containing an optional schedule ID that indicates that the backup was triggered by a schedule and which schedule triggered the backup. Only present for backups initiated by a schedule. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
state	string	True	<p>JSON string containing a value indicating the operational state of the backup. Defined values are:</p> <ul style="list-style-type: none"> • "pending" - The application backup is scheduled for discovery • "discovering" - The application backup is in the process of being discovered • "running" - The application backup is running normally • "completed" - The application backup has completed successfully • "failed" - The application backup is in a permanent failure state • "removed" - The application backup is not currently accessible • "unknown" - The application backup state cannot be determined
stateUnready	array[string]	True	<p>JSON array of JSON strings, each indicating a reason why an application backup is unable to transition to "running", or why it has transitioned to "failed" or "removed". Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 127

Name	Type	Required	Description
hookState	string	False	<p>JSON string containing a value indicating the state of any execution hooks run as part of snapshot. Defined values are:</p> <ul style="list-style-type: none"> • "failed" - One or more execution hooks have failed • "success" - There were zero or more applicable hooks and all were successful
hookStateDetails	array[type_astra_stateDetails]	False	<p>JSON array of JSON objects which lists additional details about why "hookState" transitioned into "failed". If no details are available, this array will be empty.</p> <ul style="list-style-type: none"> • Minimum items: 0
backupCreationTimestamp	string	False	<p>JSON string containing a timestamp indicating when the backup was taken. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema
totalBytes	number	False	<p>JSON number containing the total number of bytes in the backup.</p>
bytesDone	number	False	<p>JSON number containing the number of bytes backed up for a running backup. When the backup is completed, it matches with the totalBytes field.</p>

Name	Type	Required	Description
percentDone	number	False	JSON number containing the percentage complete for a running backup. When the backup is completed, it is set to "100".
metadata	type_astra_metadata	True	Client and service-specified metadata associated with the resource. Defined values are: <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.

type_astra_metadata_list

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

invalidParams

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

Retrieve an application backup for an app

GET /accounts/{account_id}/k8s/v1/apps/{app_id}/appBackups/{appBackup_id}

Returns the stored Application Backup API resource in the JSON response body.

Parameters

Name	Type	In	Required	Description
account_id	string	path	True	ID of the containing account resource <ul style="list-style-type: none">example: {{.Account}}
app_id	string	path	True	ID of the containing app resource
appBackup_id	string	path	True	ID of the appBackup collection to list

Response

Status: 200, Returns the stored Application Backup 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-appBackup"
version	string	True	Version of the resource. Defined values are: <ul style="list-style-type: none">"1.0""1.1"
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
name	string	True	<p>JSON string containing a user-specified name for the backup. If not specified, or when backups are initiated by a schedule, the system will assign a name for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 63 • Conforms to the DNS 1123 Label Schema
bucketID	string	True	<p>JSON string containing an optional bucket ID that indicates where the backup will be stored on create. If not specified, a system-selected bucket is used. If no buckets are available, an error will be returned on create. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
snapshotID	string	False	<p>JSON string containing the snapshot that was used to create the backup. To create the backup, a snapshot ID associated with the application being backed up can be specified on create. If not specified, a new snapshot will be created for the backup. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema

Name	Type	Required	Description
scheduleID	string	False	<p>JSON string containing an optional schedule ID that indicates that the backup was triggered by a schedule and which schedule triggered the backup. Only present for backups initiated by a schedule. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Identifier Schema
state	string	True	<p>JSON string containing a value indicating the operational state of the backup. Defined values are:</p> <ul style="list-style-type: none"> • "pending" - The application backup is scheduled for discovery • "discovering" - The application backup is in the process of being discovered • "running" - The application backup is running normally • "completed" - The application backup has completed successfully • "failed" - The application backup is in a permanent failure state • "removed" - The application backup is not currently accessible • "unknown" - The application backup state cannot be determined

Name	Type	Required	Description
stateUnready	array[string]	True	<p>JSON array of JSON strings, each indicating a reason why an application backup is unable to transition to "running", or why it has transitioned to "failed" or "removed".</p> <p>Defined values are:</p> <ul style="list-style-type: none"> • Minimum length: 1 • Maximum length: 127
hookState	string	False	<p>JSON string containing a value indicating the state of any execution hooks run as part of snapshot.</p> <p>Defined values are:</p> <ul style="list-style-type: none"> • "failed" - One or more execution hooks have failed • "success" - There were zero or more applicable hooks and all were successful
hookStateDetails	array[type_astra_stateDetails]	False	<p>JSON array of JSON objects which lists additional details about why "hookState" transitioned into "failed". If no details are available, this array will be empty.</p> <ul style="list-style-type: none"> • Minimum items: 0
backupCreationTimestamp	string	False	<p>JSON string containing a timestamp indicating when the backup was taken. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the ISO-8601 Date Time Schema
totalBytes	number	False	<p>JSON number containing the total number of bytes in the backup.</p>

Name	Type	Required	Description
bytesDone	number	False	JSON number containing the number of bytes backed up for a running backup. When the backup is completed, it matches with the totalBytes field.
percentDone	number	False	JSON number containing the percentage complete for a running backup. When the backup is completed, it is set to "100".
metadata	type_astra_metadata	True	<p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> • Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

Example response

```
{
  "type": "application/astra-appBackup",
  "version": "1.1",
  "id": "54fe651d-3d3b-5fa8-b85c-5db757885ff3",
  "name": "app-name-245",
  "bucketID": "0afbe357-a717-4c7a-8b3d-d0368959c8de",
  "scheduleID": "1fe83650-9b3c-41ef-bb25-a2910c19c33e",
  "state": "pending",
  "stateUnready": [],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```


Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Name	Type	Required	Description
status	string	True	
correlationID	string	False	

Example response

```
{
  "type": "https://astra.netapp.io/problems/95",
  "title": "Backup not retrieved",
  "detail": "The backup wasn't retrieved because of an internal server issue.",
  "status": "500"
}
```

Error

Status: 404, Not found

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

Example error response

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

Definitions

See Definitions

type_astra_stateDetails

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

type_astra_label

Name	Type	Required	Description
name	string	True	
value	string	True	

type_astra_metadata

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

- Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.

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

invalidParams

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

Delete an application backup for an app

```
DELETE /accounts/{account_id}/k8s/v1/apps/{app_id}/appBackups/{appBackup_id}
```

Removes the specified Application Backup API resource. Backups in progress will be canceled, and then

deleted.

Side Effects

- If a backup is complete, the backup data is deleted.

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>
app_id	string	path	True	ID of the containing app resource
appBackup_id	string	path	True	ID of the appBackup collection to list

Response

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

Response

Status: 401, Unauthorized

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

Example response

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

Response

Status: 400, Bad request

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

Example response

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

Response

Status: 403, Forbidden

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

Example response

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

Response

Status: 500, Internal server error

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/97",
  "title": "Backup not deleted",
  "detail": "The backup wasn't deleted because of an internal server issue.",
  "status": "500"
}
```

Response

Status: 409, Conflict

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

Example response

```
{
  "type": "https://astra.netapp.io/problems/128",
  "title": "Backup cancellation not allowed",
  "detail": "A pending backup can't be canceled.",
  "status": "409"
}
```

Error

Status: 404, Not found

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

Example error response

```
{
  "type": "https://astra.netapp.io/problems/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

저작권 정보

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