



# 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<br><ul style="list-style-type: none"><li>example:<br/>{{.Account}}</li></ul>   |
| include    | string | query | False    | Indicates which fields should be returned when listing a collection.<br><br>URL examples:<br>"include=id",<br>"include=id,name"<br><br>OpenAPI examples:<br>"id"<br><ul style="list-style-type: none"><li>example:<br/>id,name,state</li></ul> |
| limit      | string | query | False    | Indicates the maximum number of resources to return when listing a collection.<br><br>URL examples:<br>"limit=2"<br><br>OpenAPI examples:<br>"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: <a href="#">appBackup_1.1_get_response_body</a> , array[]] | True     |             |
| metadata | <a href="#">type_astra_metadata_list</a>                                 | 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[ <a href="#">type_astra_label</a> ] | 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"><li>• "application/astra-appBackup"</li></ul> |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"><li>• "1.0"</li><li>• "1.1"</li></ul>            |



| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| id       | string | True     | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the UUIDv4 Schema</li> </ul>  |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>       |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>   |

| 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"> <li>• "pending" - The application backup is scheduled for discovery</li> <li>• "discovering" - The application backup is in the process of being discovered</li> <li>• "running" - The application backup is running normally</li> <li>• "completed" - The application backup has completed successfully</li> <li>• "failed" - The application backup is in a permanent failure state</li> <li>• "removed" - The application backup is not currently accessible</li> <li>• "unknown" - The application backup state cannot be determined</li> </ul> |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 127</li> </ul>  |

| 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"> <li>• "failed" - One or more execution hooks have failed</li> <li>• "success" - There were zero or more applicable hooks and all were successful</li> </ul> |
| 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"> <li>• Minimum items: 0</li> </ul>  |
| 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"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>   |
| 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    | <a href="#">type_astra_metadata</a> | True     | Client and service-specified metadata associated with the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.</li> </ul> |

#### type\_astra\_metadata\_list

| Name                  | Type                                      | Required | Description |
|-----------------------|---|----------|-------------|
| continue              | string                                    | False    |             |
| count                 | number                                    | False    |             |
| labels                | array[ <a href="#">type_astra_label</a> ] | 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<br><ul style="list-style-type: none"><li>example: <code>{{.Account}}</code></li></ul> |
| 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:<br><ul style="list-style-type: none"><li>"application/astra-appBackup"</li></ul>                 |
| version | string | True     | Version of the resource. Defined values are:<br><ul style="list-style-type: none"><li>"1.0"</li><li>"1.1"</li></ul>                              |
| id      | string | True     | Globally unique identifier of the resource. Defined values are:<br><ul style="list-style-type: none"><li>Conforms to the UUIDv4 Schema</li></ul> |

| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul>                       |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>                             |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>  |
| 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"> <li>• "pending" - The application backup is scheduled for discovery</li> <li>• "discovering" - The application backup is in the process of being discovered</li> <li>• "running" - The application backup is running normally</li> <li>• "completed" - The application backup has completed successfully</li> <li>• "failed" - The application backup is in a permanent failure state</li> <li>• "removed" - The application backup is not currently accessible</li> <li>• "unknown" - The application backup state cannot be determined</li> </ul> |



| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 127</li> </ul>                     |
| 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"> <li>• "failed" - One or more execution hooks have failed</li> <li>• "success" - There were zero or more applicable hooks and all were successful</li> </ul> |
| hookStateDetails        | array[ <a href="#">type_astra_stateDetails</a> ] | 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"> <li>• Minimum items: 0</li> </ul>   |
| 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"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>  |
| 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    | <a href="#">type_astra_metadata</a> | True     | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.</li> </ul> |

### 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<br><ul style="list-style-type: none"><li>• example: <code>{{.Account}}</code></li></ul> |
| 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<br><ul style="list-style-type: none"><li>example: <code>{{.Account}}</code></li></ul> |
| 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:<br><ul style="list-style-type: none"><li>"application/astra-appBackup"</li></ul> |

| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| version  | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>• "1.0"</li> <li>• "1.1"</li> </ul>  |
| name     | string | False    | 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul> |
| bucketID | string | False    | 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>       |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| metadata   | <a href="#">type_astra_metadata</a> | False    | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels.</li> </ul>   |

### 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"> <li>• "application/astra-appBackup"</li> </ul>  |
| version  | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>• "1.0"</li> <li>• "1.1"</li> </ul>  |
| id       | string | True     | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the UUIDv4 Schema</li> </ul>  |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>       |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>   |

| 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"> <li>• "pending" - The application backup is scheduled for discovery</li> <li>• "discovering" - The application backup is in the process of being discovered</li> <li>• "running" - The application backup is running normally</li> <li>• "completed" - The application backup has completed successfully</li> <li>• "failed" - The application backup is in a permanent failure state</li> <li>• "removed" - The application backup is not currently accessible</li> <li>• "unknown" - The application backup state cannot be determined</li> </ul> |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 127</li> </ul>  |



| 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"> <li>• "failed" - One or more execution hooks have failed</li> <li>• "success" - There were zero or more applicable hooks and all were successful</li> </ul> |
| 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"> <li>• Minimum items: 0</li> </ul>  |
| 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"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>   |
| 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    | <a href="#">type_astra_metadata</a> | True     | Client and service-specified metadata associated with the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema. If not specified on create, a metadata object will be created with no labels.</li> </ul> |

### 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<br><br>• example:<br>{{.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.<br><br>URL examples:<br>"include=id",<br>"include=id,name"<br><br>OpenAPI examples:<br>"id"<br><br>• example:<br>id,name,state |



| Name  | Type   | In    | Required | Description  |
|-------|--------|-------|----------|--|
| limit | string | query | False    | Indicates the maximum number of resources to return when listing a collection.<br><br>URL examples:<br>"limit=2"<br><br>OpenAPI examples:<br>"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: <a href="#">appBackup_1.1_get_response_body</a> , array[]] | True     |             |
| metadata | <a href="#">type_astra_metadata_list</a>                                 | 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"><li>• "application/astra-appBackup"</li></ul> |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"><li>• "1.0"</li><li>• "1.1"</li></ul>            |

| Name     | Type   | Required | Description  |
|----------|--------|----------|--|
| id       | string | True     | Globally unique identifier of the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the UUIDv4 Schema</li> </ul>  |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>       |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>   |



| 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"> <li>• "pending" - The application backup is scheduled for discovery</li> <li>• "discovering" - The application backup is in the process of being discovered</li> <li>• "running" - The application backup is running normally</li> <li>• "completed" - The application backup has completed successfully</li> <li>• "failed" - The application backup is in a permanent failure state</li> <li>• "removed" - The application backup is not currently accessible</li> <li>• "unknown" - The application backup state cannot be determined</li> </ul> |
| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 127</li> </ul>  |

| 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"> <li>• "failed" - One or more execution hooks have failed</li> <li>• "success" - There were zero or more applicable hooks and all were successful</li> </ul> |
| 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"> <li>• Minimum items: 0</li> </ul>  |
| 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"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>   |
| 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    | <a href="#">type_astra_metadata</a> | True     | Client and service-specified metadata associated with the resource. Defined values are: <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.</li> </ul> |

#### type\_astra\_metadata\_list

| Name                  | Type                                      | Required | Description |
|-----------------------|---|----------|-------------|
| continue              | string                                    | False    |             |
| count                 | number                                    | False    |             |
| labels                | array[ <a href="#">type_astra_label</a> ] | 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<br><ul style="list-style-type: none"><li>example:<br/>{{.Account}}</li></ul> |
| 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:<br><ul style="list-style-type: none"><li>"application/astra-appBackup"</li></ul>                 |
| version | string | True     | Version of the resource. Defined values are:<br><ul style="list-style-type: none"><li>"1.0"</li><li>"1.1"</li></ul>                              |
| id      | string | True     | Globally unique identifier of the resource. Defined values are:<br><ul style="list-style-type: none"><li>Conforms to the UUIDv4 Schema</li></ul> |

| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 63</li> <li>• Conforms to the DNS 1123 Label Schema</li> </ul>                       |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>                             |
| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |

| 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"> <li>• Conforms to the Astra Identifier Schema</li> </ul>  |
| 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"> <li>• "pending" - The application backup is scheduled for discovery</li> <li>• "discovering" - The application backup is in the process of being discovered</li> <li>• "running" - The application backup is running normally</li> <li>• "completed" - The application backup has completed successfully</li> <li>• "failed" - The application backup is in a permanent failure state</li> <li>• "removed" - The application backup is not currently accessible</li> <li>• "unknown" - The application backup state cannot be determined</li> </ul> |

| 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"> <li>• Minimum length: 1</li> <li>• Maximum length: 127</li> </ul>                     |
| 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"> <li>• "failed" - One or more execution hooks have failed</li> <li>• "success" - There were zero or more applicable hooks and all were successful</li> </ul> |
| hookStateDetails        | array[ <a href="#">type_astra_stateDetails</a> ] | 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"> <li>• Minimum items: 0</li> </ul>   |
| 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"> <li>• Conforms to the ISO-8601 Date Time Schema</li> </ul>  |
| 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    | <a href="#">type_astra_metadata</a> | True     | <p>Client and service-specified metadata associated with the resource. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Metadata Schema If not specified on create, a metadata object will be created with no labels.</li> </ul> |

### 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[ <a href="#">type_astra_label</a> ] | 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<br><ul style="list-style-type: none"><li>• example: <code>{{.Account}}</code></li></ul> |
| 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 |

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