



# Unread Notification

## Astra Automation

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# 목차

|                                                       |    |
|-------------------------------------------------------|----|
| Unread Notification                                   | 1  |
| Unread Notification overview                          | 1  |
| List the unread notifications for a user in a group   | 1  |
| Parameters                                            | 1  |
| Response                                              | 4  |
| Response                                              | 5  |
| Response                                              | 6  |
| Response                                              | 6  |
| Error                                                 | 7  |
| Definitions                                           | 8  |
| Retrieve an unread notification for a user in a group | 12 |
| Parameters                                            | 12 |
| Response                                              | 13 |
| Response                                              | 16 |
| Response                                              | 17 |
| Response                                              | 17 |
| Error                                                 | 18 |
| Definitions                                           | 18 |
| Delete an unread notification for a user in a group   | 19 |
| Parameters                                            | 19 |
| Response                                              | 20 |
| Response                                              | 20 |
| Response                                              | 21 |
| Response                                              | 21 |
| Error                                                 | 22 |
| Definitions                                           | 22 |
| List the unread notifications for a user              | 23 |
| Parameters                                            | 23 |
| Response                                              | 26 |
| Response                                              | 27 |
| Response                                              | 28 |
| Response                                              | 28 |
| Error                                                 | 29 |
| Definitions                                           | 30 |
| Retrieve an unread notification                       | 34 |
| Parameters                                            | 34 |
| Response                                              | 35 |
| Response                                              | 37 |
| Response                                              | 38 |
| Response                                              | 38 |
| Error                                                 | 39 |
| Definitions                                           | 40 |
| Delete an unread notification                         | 40 |

|                   |    |
|-------------------|----|
| Parameters .....  | 40 |
| Response .....    | 41 |
| Response .....    | 41 |
| Response .....    | 42 |
| Response .....    | 42 |
| Error .....       | 43 |
| Definitions ..... | 43 |

# Unread Notification

## Unread Notification overview

The Unread Notification API provides information on notifications that have not been read by a given user and to allow them to be marked as read.

## List the unread notifications for a user in a group

GET

/accounts/{account\_id}/core/v1/groups/{group\_id}/users/{user\_id}/unreadNotifications

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"><li>example: <code>{{.Account}}</code></li></ul>                                                                                                                                            |
| group_id   | string | path  | True     | ID of the containing group resource                                                                                                                                                                                                                                 |
| user_id    | string | path  | True     | ID of the containing user 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" <ul style="list-style-type: none"><li>example: <code>notificationID,sequenceCount</code></li></ul> |

| Name   | Type   | In    | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|--------|-------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| limit  | string | query | False    | <p>Indicates the maximum number of resources to return when listing a collection.</p> <p>URL examples:<br/>"limit=2"</p> <p>OpenAPI examples:<br/>"2"</p> <ul style="list-style-type: none"> <li>• example: 2</li> </ul>                                                                                                                                                                                                             |
| filter | string | query | False    | <p>Indicates which fields should be matched in order to return a resource when listing a collection.</p> <p>Supported operators are:</p> <ul style="list-style-type: none"> <li>• eq - Equality</li> <li>• lt/gt - Less than/Greater than</li> <li>• lte/gte - Less than or equals to/Greater than or equals to</li> </ul> <p>URL example:<br/>"filter=field%20eq%20%27value%27"</p> <p>OpenAPI examples:<br/>"field eq 'value'"</p> |

| Name    | Type   | In    | Required | Description                                                                                                                                                                                                                                                     |
|---------|--------|-------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| orderBy | string | query | False    | <p>Indicates the sort order of resource when listing a collection.</p> <p>URL examples:<br/> "orderBy=name",<br/> "orderBy=name%20desc"</p> <p>OpenAPI examples:<br/> "name desc"</p> <ul style="list-style-type: none"> <li>• example: count%20desc</li> </ul> |
| skip    | string | query | False    | <p>Indicates the number of resources to skip over when listing a collection.</p> <p>URL examples:<br/> "skip=1"</p> <p>OpenAPI examples:<br/> "1"</p>                                                                                                           |
| count   | string | query | False    | <p>Indicates if the total number of resources should be returned in the metadata object.</p> <p>URL examples:<br/> "count=true"</p> <p>OpenAPI examples:<br/> "true"</p> <ul style="list-style-type: none"> <li>• example: true</li> </ul>                      |

| Name     | Type | In    | Required | Description                                                                                                                                                                                                                                                                                                |
|----------|------|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| continue |      | query | False    | <p>Indicates the token to resume listing from.</p> <p>URL examples:<br/> "continue=&lt;continue token="" from="" collection="" metadata=""&gt;"&lt;/continue&gt;</p> <p>OpenAPI examples:<br/> "&lt;continue token="" from="" collection="" metadata=""&gt;"&lt;/continue&gt;&amp;lt;/continue&amp;gt;</p> |

## 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="#">unreadNotification_1.0_get_response_body</a> , array[]] | True     |             |
| metadata | <a href="#">type_astra_metadata_list</a>                                          | True     |             |

## Example response

```
{
  "type": "application/astra-unreadNotifications",
  "version": "1.0",
  "items": [
    [
      "4080cf5f-2261-4130-b8fb-8432e2e553e6",
      48923
    ],
    [
      "1b4e89f1-2e70-4a08-a015-e7064b0fb703",
      47345
    ]
  ],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

## Response

Status: 401, Unauthorized

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

### Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

### Example response

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

### Error

Status: 404, Not found

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

### Example error response

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

**Definitions**

## See Definitions

type\_astra\_label

| Name  | Type   | Required | Description |
|-------|--------|----------|-------------|
| name  | string | True     |             |
| value | string | True     |             |

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

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

unreadNotification\_1.0\_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-unreadNotification"</li></ul>        |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"><li>• "1.0"</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           | Type   | Required | Description                                                                                                                                                                                                                 |
|----------------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| notificationID | string | True     | <p>JSON string containing a notification ID that is to be marked as read by the user creating the mark. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| sequenceCount  | number | True     | <p>JSON number containing a sequence count associated with the notification specified by the notification ID.</p>                                                                                                           |

| Name     | Type   | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| severity | string | True     | <p>JSON string containing one of the following values that indicate the severity of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to enable it to be matched up</li> <li>• "indeterminate" - Indicates that the severity cannot be determined</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733)</li> <li>• "warning" - Indicates the detection of a potential or impending service-affecting fault before any significant effects have been felt</li> <li>• "critical" - Indicates that a service-affecting condition has occurred and immediate corrective action is required</li> </ul> |

| Name     | Type                                | Required | Description                                                                                                                                                                     |
|----------|-------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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</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 unread notification for a user in a group

GET

/accounts/{account\_id}/core/v1/groups/{group\_id}/users/{user\_id}/unreadNotifications/{unreadNotification\_id}

Returns the stored Unread Notification 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"> <li>example: <code>{{.Account}}</code></li> </ul> |
| group_id              | string | path | True     | ID of the containing group resource                                                                                        |
| user_id               | string | path | True     | ID of the containing user resource                                                                                         |
| unreadNotification_id | string | path | True     | ID of the unreadNotification collection to list                                                                            |

## Response

Status: 200, Returns the stored Unread Notification 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"> <li>"application/astra-unreadNotification"</li> </ul>        |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>"1.0"</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           | Type   | Required | Description                                                                                                                                                                                                                 |
|----------------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| notificationID | string | True     | <p>JSON string containing a notification ID that is to be marked as read by the user creating the mark. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| sequenceCount  | number | True     | <p>JSON number containing a sequence count associated with the notification specified by the notification ID.</p>                                                                                                           |

| Name     | Type                                | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|-------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| severity | string                              | True     | <p>JSON string containing one of the following values that indicate the severity of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to enable it to be matched up</li> <li>• "indeterminate" - Indicates that the severity cannot be determined</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733)</li> <li>• "warning" - Indicates the detection of a potential or impending service-affecting fault before any significant effects have been felt</li> <li>• "critical" - Indicates that a service-affecting condition has occurred and immediate corrective action is required</li> </ul> |
| 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</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Example response

```
{
  "type": "application/astra-unreadNotification",
  "version": "1.0",
  "id": "10df997b-629e-50f8-bc5f-a18b9a4ac5f6",
  "notificationID": "4080cf5f-2261-4130-b8fb-8432e2e553e6",
  "sequenceCount": 48923,
  "severity": "warning",
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

## Response

Status: 401, Unauthorized

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

## Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

## Example response

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

## Error

Status: 404, Not found

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

## Example error response

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

## Definitions

## See Definitions

type\_astra\_label

| Name  | Type   | Required | Description |
|-------|--------|----------|-------------|
| name  | string | True     |             |
| value | string | True     |             |

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

| 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 unread notification for a user in a group

DELETE

/accounts/{account\_id}/core/v1/groups/{group\_id}/users/{user\_id}/unreadNotifications/{unreadNotification\_id}

Removes the specified Unread Notification API resource.

## Parameters

| Name                  | Type   | In   | Required | Description                                                             |
|-----------------------|--------|------|----------|-------------------------------------------------------------------------|
| account_id            | string | path | True     | ID of the containing account resource<br><br>• example:<br>{{.Account}} |
| group_id              | string | path | True     | ID of the containing group resource                                     |
| user_id               | string | path | True     | ID of the containing user resource                                      |
| unreadNotification_id | string | path | True     | ID of the unreadNotification collection to list                         |

## Response

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

## Response

Status: 401, Unauthorized

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

## Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

## Example response

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

## Error

Status: 404, Not found

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

## Example error response

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

## Definitions

## See Definitions

invalidParams

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

## List the unread notifications for a user

GET /accounts/{account\_id}/core/v1/users/{user\_id}/unreadNotifications

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}}                                                                                                                                            |
| user_id    | string | path  | True     | ID of the containing user 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>notificationID,sequenceCount |

| Name   | Type   | In    | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------|--------|-------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| limit  | string | query | False    | <p>Indicates the maximum number of resources to return when listing a collection.</p> <p>URL examples:<br/>"limit=2"</p> <p>OpenAPI examples:<br/>"2"</p> <ul style="list-style-type: none"> <li>• example: 2</li> </ul>                                                                                                                                                                                                             |
| filter | string | query | False    | <p>Indicates which fields should be matched in order to return a resource when listing a collection.</p> <p>Supported operators are:</p> <ul style="list-style-type: none"> <li>• eq - Equality</li> <li>• lt/gt - Less than/Greater than</li> <li>• lte/gte - Less than or equals to/Greater than or equals to</li> </ul> <p>URL example:<br/>"filter=field%20eq%20%27value%27"</p> <p>OpenAPI examples:<br/>"field eq 'value'"</p> |

| Name    | Type   | In    | Required | Description                                                                                                                                                                                                                                                       |
|---------|--------|-------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| orderBy | string | query | False    | <p>Indicates the sort order of resource when listing a collection.</p> <p>URL examples:<br/> "orderBy=name",<br/> "orderBy=name%20desc"</p> <p>OpenAPI examples:<br/> "name desc"</p> <ul style="list-style-type: none"> <li>example:<br/>count%20desc</li> </ul> |
| skip    | string | query | False    | <p>Indicates the number of resources to skip over when listing a collection.</p> <p>URL examples:<br/> "skip=1"</p> <p>OpenAPI examples:<br/> "1"</p>                                                                                                             |
| count   | string | query | False    | <p>Indicates if the total number of resources should be returned in the metadata object.</p> <p>URL examples:<br/> "count=true"</p> <p>OpenAPI examples:<br/> "true"</p> <ul style="list-style-type: none"> <li>example: true</li> </ul>                          |

| Name     | Type | In    | Required | Description                                                                                                                                                                                                                                                                                                |
|----------|------|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| continue |      | query | False    | <p>Indicates the token to resume listing from.</p> <p>URL examples:<br/> "continue=&lt;continue token="" from="" collection="" metadata=""&gt;"&lt;/continue&gt;</p> <p>OpenAPI examples:<br/> "&lt;continue token="" from="" collection="" metadata=""&gt;"&lt;/continue&gt;&amp;lt;/continue&amp;gt;</p> |

## 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="#">unreadNotification_1.0_get_response_body</a> , array[]] | True     |             |
| metadata | <a href="#">type_astra_metadata_list</a>                                          | True     |             |

## Example response

```
{
  "type": "application/astra-unreadNotifications",
  "version": "1.0",
  "items": [
    [
      "4080cf5f-2261-4130-b8fb-8432e2e553e6",
      48923
    ],
    [
      "1b4e89f1-2e70-4a08-a015-e7064b0fb703",
      47345
    ]
  ],
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

## Response

Status: 401, Unauthorized

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

### Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

#### Example response

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

#### Error

Status: 404, Not found

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

#### Example error response

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

**Definitions**

## See Definitions

type\_astra\_label

| Name  | Type   | Required | Description |
|-------|--------|----------|-------------|
| name  | string | True     |             |
| value | string | True     |             |

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

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

unreadNotification\_1.0\_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-unreadNotification"</li></ul>        |
| version | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"><li>• "1.0"</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           | Type   | Required | Description                                                                                                                                                                                                                 |
|----------------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| notificationID | string | True     | <p>JSON string containing a notification ID that is to be marked as read by the user creating the mark. Defined values are:</p> <ul style="list-style-type: none"> <li>• Conforms to the Astra Identifier Schema</li> </ul> |
| sequenceCount  | number | True     | <p>JSON number containing a sequence count associated with the notification specified by the notification ID.</p>                                                                                                           |

| Name     | Type   | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| severity | string | True     | <p>JSON string containing one of the following values that indicate the severity of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to enable it to be matched up</li> <li>• "indeterminate" - Indicates that the severity cannot be determined</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733)</li> <li>• "warning" - Indicates the detection of a potential or impending service-affecting fault before any significant effects have been felt</li> <li>• "critical" - Indicates that a service-affecting condition has occurred and immediate corrective action is required</li> </ul> |

| Name     | Type                                | Required | Description                                                                                                                                                                     |
|----------|-------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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</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 unread notification

GET

/accounts/{account\_id}/core/v1/users/{user\_id}/unreadNotifications/{unreadNotification\_id}

Returns the stored Unread Notification 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"> <li>example: <code>{{.Account}}</code></li> </ul> |
| user_id               | string | path | True     | ID of the containing user resource                                                                                         |
| unreadNotification_id | string | path | True     | ID of the unreadNotification collection to list                                                                            |

## Response

Status: 200, Returns the stored Unread Notification 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"> <li>"application/astra-unreadNotification"</li> </ul>                                                                           |
| version        | string | True     | Version of the resource. Defined values are: <ul style="list-style-type: none"> <li>"1.0"</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>                                                                    |
| notificationID | string | True     | JSON string containing a notification ID that is to be marked as read by the user creating the mark. Defined values are: <ul style="list-style-type: none"> <li>Conforms to the Astra Identifier Schema</li> </ul> |

| Name          | Type   | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sequenceCount | number | True     | JSON number containing a sequence count associated with the notification specified by the notification ID.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| severity      | string | True     | <p>JSON string containing one of the following values that indicate the severity of the event. Defined values are:</p> <ul style="list-style-type: none"> <li>• "cleared" - Indicates that a previously reported event describing a condition is no longer active. An event with severity "cleared" will use the same summary and correlation ID to enable it to be matched up</li> <li>• "indeterminate" - Indicates that the severity cannot be determined</li> <li>• "informational" - Indicates a change in state that is both expected and normal (not defined in X.733)</li> <li>• "warning" - Indicates the detection of a potential or impending service-affecting fault before any significant effects have been felt</li> <li>• "critical" - Indicates that a service-affecting condition has occurred and immediate corrective action is required</li> </ul> |

| Name     | Type                                | Required | Description                                                                                                                                                                            |
|----------|-------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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</li> </ul> |

### Example response

```
{
  "type": "application/astra-unreadNotification",
  "version": "1.0",
  "id": "10df997b-629e-50f8-bc5f-a18b9a4ac5f6",
  "notificationID": "4080cf5f-2261-4130-b8fb-8432e2e553e6",
  "sequenceCount": 48923,
  "severity": "warning",
  "metadata": {
    "labels": [],
    "creationTimestamp": "2022-10-06T20:58:16.305662Z",
    "modificationTimestamp": "2022-10-06T20:58:16.305662Z",
    "createdBy": "8f84cf09-8036-51e4-b579-bd30cb07b269"
  }
}
```

### Response

Status: 401, Unauthorized

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

### Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

#### Example response

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

#### Error

Status: 404, Not found

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

#### Example error response

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

## Definitions

### See Definitions

type\_astra\_label

| Name  | Type   | Required | Description |
|-------|--------|----------|-------------|
| name  | string | True     |             |
| value | string | True     |             |

type\_astra\_metadata

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

- Conforms to the Astra Metadata Schema

| 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 unread notification

DELETE

/accounts/{account\_id}/core/v1/users/{user\_id}/unreadNotifications/{unreadNotification\_id}

Removes the specified Unread Notification API resource.

### Parameters

| Name                  | Type   | In   | Required | Description                                                                                                                |
|-----------------------|--------|------|----------|----------------------------------------------------------------------------------------------------------------------------|
| account_id            | string | path | True     | ID of the containing account resource <ul style="list-style-type: none"> <li>example: <code>{{.Account}}</code></li> </ul> |
| user_id               | string | path | True     | ID of the containing user resource                                                                                         |
| unreadNotification_id | string | path | True     | ID of the unreadNotification collection to list                                                                            |

## Response

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

## Response

Status: 401, Unauthorized

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

## Example response

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

## Response

Status: 400, Bad request

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

### Example response

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

## Response

Status: 403, Forbidden

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

## Example response

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

## Error

Status: 404, Not found

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

## Example error response

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

## Definitions

## See Definitions

invalidParams

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

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