

# Adaptive Policy Management (0.0.9)

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## Overview

The Adaptive Policy Management REST APIs and Model, allow the creation, deletion, and modification of policies, policy sets, and assigning policies to policy sets. All policies must be inherited from a policy template. Only those evaluation conditions that are defined for the template can be assigned to the policy. Once a policy is assigned to a policy set, it must be given an evaluation priority. If the priority is changed, or a policy added or removed, the priority of the other policies will be automatically re-ordered.

## What This API Does

- Create, modify, and delete policies
- Manage policy sets and assignments
- Configure policy templates and evaluation conditions
- Set and manage policy priorities

## Authentication

All API calls require valid authentication via Bearer token in Authorization header.

## Error Handling

The API uses standard HTTP status codes with detailed error messages in the response body.

## Common Error Responses

All endpoints may return these common error responses:

- **400 Bad Request:** Invalid input data or validation errors
- **401 Unauthorized:** Missing or invalid authentication
- **403 Forbidden:** Insufficient permissions
- **404 Not Found:** Requested resource doesn't exist
- **409 Conflict:** Resource conflict (e.g., duplicate names)
- **422 Unprocessable Entity:** Business rule violations
- **500 Internal Server Error:** Unexpected server errors

## Policy Conditions

Manage the conditions that are applied on the specified policy.

## Get Conditions

Retrieves the list of condition for the policy.

### PATH PARAMETERS

|                                                                                                                   |                                         |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|  <b>templateId</b><br>required | integer <int64><br>Template identifier. |
|  <b>policyId</b><br>required   | string <uuid><br>Policy identifier.     |

### QUERY PARAMETERS

|                                                                                                 |                  |
|-------------------------------------------------------------------------------------------------|------------------|
|  <b>size</b> | any<br>Page size |
|  <b>page</b> | any              |

|      |                                                                            |
|------|----------------------------------------------------------------------------|
| sort | The page to retrieve (starts at zero).                                     |
|      | any                                                                        |
|      | The field name to sort, comma separated from the sort order (asc or desc). |
|      |                                                                            |

Responses

|                 |
|-----------------|
| > 200 Success   |
| > 404 Not Found |

GET /policyTemplates/{templateId}/policies/{policyId}/conditions

Response samples

200404

Content type  
application/json

CopyExpand allCollapse all

```
{
  "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  "content": [
    + { ... }
  ],
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Create Condition

Creates a condition and applies it to the policy.

|                                                |                                                            |
|------------------------------------------------|------------------------------------------------------------|
| PATH PARAMETERS                                |                                                            |
| templateId<br>required                         | integer <int64><br>Policy Template identifier.             |
| policyId<br>required                           | string <uuid><br>Policy identifier.                        |
| REQUEST BODY SCHEMA: application/json required |                                                            |
| id                                             | string <uuid><br>The identifier for this policy condition. |

|                                 |                                                                                                                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| policyId<br>required            | string <uuid><br>The identifier of the policy to assign this condition.                                                                                                                                 |
| templateAttributeId<br>required | integer <int64><br>The identifier for the template attribute to associate with this condition.                                                                                                          |
| templateAttribute >             | object (Dynamic Policy Template Attribute)<br>Attribute that is allowed to be assigned on a policy using the template.                                                                                  |
| evaluationRule >                | object (Evaluation Criteria)<br>Base class for evaluation criteria used in policy conditions. Supports different types of criteria including boolean, number, string regex, and date range evaluations. |
| _links >                        | object (Links)                                                                                                                                                                                          |

## Responses

> **201** Condition created

> **404** Not Found

> **409** Condition type is already mapped.

**POST** /policyTemplates/{templateId}/policies/{policyId}/conditions

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "templateAttributeId": 0,
  "templateAttribute": {
    "id": 0,
    "name": "string",
    "description": "string",
    "attributeTextMatch": "string",
    "attributeType": "STRING",
    "category": "string",
    + "_links": { ... }
  },
  "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

### Response samples

201

404

409

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "templateAttributeId": 0,
  "templateAttribute": {
    "id": 0,
    "name": "string",
    "description": "string",
    "attributeTextMatch": "string",
    "attributeType": "STRING",
    "category": "string",
    + "_links": { ... }
  },
  "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Condition

Retrieves the requested condition for the policy.

### PATH PARAMETERS

|                         |                                         |
|-------------------------|-----------------------------------------|
| templateId<br>required  | integer <int64><br>Template identifier. |
| policyId<br>required    | string <uuid><br>Policy identifier.     |
| conditionId<br>required | string <uuid><br>Condition identifier.  |

### Responses

> 200 Success

> 404 Not Found.

GET /policyTemplates/{templateId}/policies/{policyId}/conditions/{conditi... ▾

### Response samples

## Response samples

200

404

### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "templateAttributeId": 0,
  "templateAttribute": {
    "id": 0,
    "name": "string",
    "description": "string",
    "attributeTextMatch": "string",
    "attributeType": "STRING",
    "category": "string",
    + "_links": { ... }
  },
  "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Delete Conditions

Deletes the condition from the specified policy, but only if at least one condition still exists.

### PATH PARAMETERS

|                         |                                                |
|-------------------------|------------------------------------------------|
| templateId<br>required  | integer <int64><br>Policy Template identifier. |
| policyId<br>required    | string <uuid><br>Policy identifier.            |
| conditionId<br>required | string <uuid><br>Condition identifier.         |

## Responses

> **200** Condition deleted successfully.

> **204** Condition deleted, no content.

> **404** Policy or template not found

> **409** Policy will not have any conditions if this is deleted.

**DELETE** /policyTemplates/{templateId}/policies/{policyId}/conditions/{cond... ▾

### Response samples

200

204

404

409

Content type

application/json ▾

Copy

{ }

## Update Policy Condition

Updates the policy condition from the requested values.

### PATH PARAMETERS

|                         |                 |
|-------------------------|-----------------|
| templateId<br>required  | integer <int64> |
| policyId<br>required    | string <uuid>   |
| conditionId<br>required | string <uuid>   |

REQUEST BODY SCHEMA: application/json ▾  
required

|                     |                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| templateAttributeId | integer <int64><br>The complete template attribute to associate with this condition.                                                                                                                    |
| evaluationRule >    | object (Evaluation Criteria)<br>Base class for evaluation criteria used in policy conditions. Supports different types of criteria including boolean, number, string regex, and date range evaluations. |

### Responses

> **200** Policy condition updated

> **409** Invalid policy condition details provided.

**PATCH** /policyTemplates/{templateId}/policies/{policyId}/conditions/{cond... ▾

### Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "templateAttributeId": 0,
  "evaluationRule": {
    "criteriaType": "string",
```

```
        "booleanCriteria": true
      }
    }
  }
}
```

Response samples

200

409

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "templateAttributeId": 0,
  "templateAttribute": {
    "id": 0,
    "name": "string",
    "description": "string",
    "attributeTextMatch": "string",
    "attributeType": "STRING",
    "category": "string",
    + "_links": { ... }
  },
  "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

# Policy Set Assignments

Manage the assignments of policy sets to identities.

## Query Policy Set Assignments

Returns the list of assignments for the specified policy set using the specified query.

PATH PARAMETERS

|               |                        |
|---------------|------------------------|
| → policySetId | string <uuid>          |
| required      | Policy set identifier. |

QUERY PARAMETERS

|                  |                                                                                                     |
|------------------|-----------------------------------------------------------------------------------------------------|
| → excludeContent | boolean                                                                                             |
|                  | Default: false                                                                                      |
|                  | Indicates that the content should be excluded from the query and only count and size data returned. |

REQUEST BODY SCHEMA: application/json

required

|           |                                                                               |
|-----------|-------------------------------------------------------------------------------|
| sortField | string<br>The field to use to sort on.                                        |
| sortOrder | string<br>Enum: "ASC" "DESC"<br>Defines the sort direction for query results. |
| page      | integer <int32> >= 0<br>The page number to return, paging starts with 0.      |
| pageSize  | integer <int32> [ 1 .. 2000 ]<br>The number of items requested on the page.   |
| filters > | object<br>The list of filters to apply.                                       |

Responses

> 200 List Policy Set Assignments in a paged format.

> 404 Policy set not found

> 422 Some of the provided query data is invalid.

POST /policySets/{policySetId}/assignments/query

Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "sortField": "string",
  "sortOrder": "ASC",
  "page": 0,
  "pageSize": 1,
  "filters": {
    "property1": { },
    "property2": { }
  }
}
```

Response samples

200

404

422

Content type  
application/json

CopyExpand allCollapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Policy Set Assignments

Gets the list of assignments for the specified policy set.

PATH PARAMETERS

|               |                        |
|---------------|------------------------|
| → policySetId | string <uuid>          |
| required      | Policy set identifier. |

QUERY PARAMETERS

|        |     |                                                                            |
|--------|-----|----------------------------------------------------------------------------|
| → size | any | Page size                                                                  |
| → page | any | The page to retrieve (starts at zero).                                     |
| → sort | any | The field name to sort, comma seperated from the sort order (asc or desc). |

### Responses

- > 200 Policy set assignments in a paged format.
- > 404 Policy set not found

GET /policySets/{policySetId}/assignments

Response samples

200404

Content type

application/json

CopyExpand allCollapse all

```
{
  - "paging": {
```

```
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Policy Set Assignment

Retrieves the requested policy set assignment.

### PATH PARAMETERS

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| <b>policySetId</b><br>required  | string <uuid><br>Policy set identifier. |
| <b>assignmentId</b><br>required | string <uuid><br>Assignment identifier. |

### Responses

> **200** Policy set assignment found

> **404** Policy set or assignment not found

**GET** /policySets/{policySetId}/assignments/{assignmentId}

### Response samples

200

404

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "identityId": "string",
  "identityName": "string",
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Policy Templates

View the list of policy templates.

# Query Template Attributes

Returns the list of attributes for the specified template using the specified query.

## PATH PARAMETERS

→ **templateId**  
required integer <int64>

## QUERY PARAMETERS

→ **excludeContent** boolean  
Default: false

REQUEST BODY SCHEMA: application/json  
required

→ **sortField** string  
The field to use to sort on.

→ **sortOrder** string  
Enum: "ASC" "DESC"  
Defines the sort direction for query results.

→ **page** integer <int32> >= 0  
The page number to return, paging starts with 0.

→ **pageSize** integer <int32> [ 1 .. 2000 ]  
The number of items requested on the page.

→ **filters >** object  
The list of filters to apply.

## Responses

> **200** List Template Attributes in a paged format.

> **404** Template not found

> **422** Some of the provided query data is invalid.

**POST** /policyTemplates/{templateId}/attributes/query

## Request samples

### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "sortField": "string",
  "sortOrder": "ASC",
  "page": 0,
  "pageSize": 1,
  "filters": {
```

```
    "property1": { },
    "property2": { }
  }
}
```

Response samples

200

404

422

Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

# Query Policy Templates

Returns the list of policy templates using the specified query.

QUERY PARAMETERS

→ **excludeContent** boolean  
Default:

REQUEST BODY SCHEMA: application/json   
**required**

|                       |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| → <b>sortField</b>    | string<br>The field to use to sort on.                                                                                              |
| → <b>sortOrder</b>    | string<br>Enum: <input type="text" value="ASC"/> <input type="text" value="DESC"/><br>Defines the sort direction for query results. |
| → <b>page</b>         | integer <int32> <input type="text" value="&gt;= 0"/><br>The page number to return, paging starts with 0.                            |
| → <b>pageSize</b>     | integer <int32> <input type="text" value="[ 1 .. 2000 ]"/><br>The number of items requested on the page.                            |
| → <b>filters &gt;</b> | object<br>The list of filters to apply.                                                                                             |

## Responses

> **200** List Policy Template in a paged format.

> **422** Some of the provided query data is invalid.

**POST** /policyTemplates/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "sortField": "string",
  "sortOrder": "ASC",
  "page": 0,
  "pageSize": 1,
  "filters": {
    "property1": { },
    "property2": { }
  }
}
```

### Response samples

**200**

**422**

Content type

application/json

Copy Expand all Collapse all

```
{
  "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  "content": [
    + { ... }
  ],
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Query Policies Across Templates

Returns the list of policies across all templates using the specified query.

QUERY PARAMETERS

→ **excludeContent**      boolean  
Default: `false`

REQUEST BODY SCHEMA:   application/json   ▾  
**required**

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| → <b>sortField</b> | string<br>The field to use to sort on.                                                                  |
| → <b>sortOrder</b> | string<br>Enum: <code>"ASC"</code> <code>"DESC"</code><br>Defines the sort direction for query results. |
| → <b>page</b>      | integer <int32> <code>&gt;= 0</code><br>The page number to return, paging starts with 0.                |
| → <b>pageSize</b>  | integer <int32> <code>[ 1 .. 2000 ]</code><br>The number of items requested on the page.                |
| → <b>filters</b> > | object<br>The list of filters to apply.                                                                 |

Responses

> **200** List Policy in a paged format.

> **422** Some of the provided query data is invalid.

**POST**   /policyTemplates/policies/query   ▾

Request samples

Payload

Content type  
application/json   ▾

Copy   Expand all   Collapse all

```
{
  "sortField": "string",
  "sortOrder": "ASC",
  "page": 0,
  "pageSize": 1,
  "filters": {
    "property1": { },
    "property2": { }
  }
}
```

Response samples

**200**

**422**

Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Policy Template

Retrieves the requested policy template.

PATH PARAMETERS

→ **templateId** integer <int64>  
**required**

### Responses

> **200** Policy template found

> **404** Policy template not found

**GET** /policyTemplates/{templateId}

### Response samples

**200**

**404**

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "returnType": "RADIUS_ATTRIB_GROUP",
  "ruleType": "RADIUS",
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Template Attributes

Gets the list of attributes for the specified template.

### PATH PARAMETERS

|                                 |                 |
|---------------------------------|-----------------|
| → <b>templateId</b><br>required | integer <int64> |
|---------------------------------|-----------------|

### QUERY PARAMETERS

|                                 |                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------|
| → size                          | any<br>Page size                                                                  |
| → page                          | any<br>The page to retrieve (starts at zero).                                     |
| → sort                          | any<br>The field name to sort, comma separated from the sort order (asc or desc). |
| → <b>pageable</b> ><br>required | object (Pageable)                                                                 |

## Responses

> **200** Template attributes in a paged format.

> **404** Template not found

GET /policyTemplates/{templateId}/attributes

### Response samples

200

404

#### Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Template Attribute

Retrieves the requested template attribute.

### PATH PARAMETERS

|                                                     |                 |
|-----------------------------------------------------|-----------------|
| <code>templateId</code><br><small>required</small>  | integer <int64> |
| <code>attributeId</code><br><small>required</small> | integer <int64> |

### Responses

> **200** Template attribute found

> **404** Template or attribute not found

**GET** /policyTemplates/{templateId}/attributes/{attributeId}

### Response samples

200

404

#### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": 0,
  "name": "string",
  "description": "string",
  "attributeTextMatch": "string",
  "attributeType": "STRING",
  "category": "string",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Policies

Manages, create and get of policies assigned to a specific template.

### Get Policies for Template

Gets the list of policies that are based off of this template.

### PATH PARAMETERS

|                                                    |                 |
|----------------------------------------------------|-----------------|
| <code>templateId</code><br><small>required</small> | integer <int64> |
|----------------------------------------------------|-----------------|

## QUERY PARAMETERS

|                        |                                                                                   |
|------------------------|-----------------------------------------------------------------------------------|
| size                   | any<br>Page size                                                                  |
| page                   | any<br>The page to retrieve, paging starts at zero).                              |
| sort                   | any<br>The field name to sort, comma seperated from the sort order (asc or desc). |
| pageable ><br>required | object (Pageable)                                                                 |

## Responses

> **200** Policies in a paged format.

> **400** Invalid id supplied.

> **404** Not Found

GET /policyTemplates/{templateId}/policies

### Response samples

200

400

404

Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Create Policy

Creates a policy from the requested values, and based on the specified parent. If the content type of "application/ruckus.one.v1-synchronous+json" is provided, than the method will be asynchronous, and will return only once it has correctly associated with the requested radius attribute group. Otherwise it is asynchronous, and must be looked up by id to be complete.

## PATH PARAMETERS

→ **templateId**  
**required** integer <int64>

REQUEST BODY SCHEMA: application/json **required**

|                               |                                                                                                                                                                                                                                                         |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| id                            | string <uuid><br>The identifier for this dynamic policy.                                                                                                                                                                                                |
| name<br><b>required</b>       | string<br>The name of the policy.                                                                                                                                                                                                                       |
| description                   | string<br>The policy description.                                                                                                                                                                                                                       |
| policyType<br><b>required</b> | string<br>Enum: "RADIUS" "DPSK"<br>The data type for this attribute text. EX: it identifies which type of value the test data will be. This cannot be changed, and will be matched with the policy template for this policy type. It cannot be changed. |
| onMatchResponse               | string<br>The response details if the policy is matched. For policy types which are RADIUS and DPSK, this is expected to be the identifier of a valid RADIUS attribute group.                                                                           |
| policySetCount                | integer <int64><br>The number of policy sets that this policy is assigned to.                                                                                                                                                                           |
| conditionsCount               | integer <int64><br>The number of conditions that are used when evaluating this policy.                                                                                                                                                                  |
| policySetNames                | Array of strings<br>The names of the policy sets that this policy is currently assigned to.                                                                                                                                                             |
| _links >                      | object (Links)                                                                                                                                                                                                                                          |

## Responses

> **201** Created

> **202** Accepted

> **409** Invalid policy details provided.

**POST** /policyTemplates/{templateId}/policies

### Request samples

#### Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "policyType": "RADIUS"
```

```
policyType : "RADIUS",
"onMatchResponse": "string",
"policySetCount": 0,
"conditionsCount": 0,
- "policySetNames": [
  "string"
],
- "_links": {
+ "property1": { ... },
+ "property2": { ... }
}
}
```

## Response samples

201

202

409

### Content type

application/ruckus.one.v1-synchronous+json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "policyType": "RADIUS",
  "onMatchResponse": "string",
  "policySetCount": 0,
  "conditionsCount": 0,
- "policySetNames": [
  "string"
],
- "_links": {
+ "property1": { ... },
+ "property2": { ... }
}
}
```

## Query Policies for Template

Returns the list of policies which are based on the provided template using the specified query details.

### PATH PARAMETERS

→ **templateId** integer <int64>  
**required**

### QUERY PARAMETERS

→ **excludeContent** boolean  
Default:

REQUEST BODY SCHEMA: application/json **required** ▼

→ **sortField**

|           |                                                                               |
|-----------|-------------------------------------------------------------------------------|
|           | string<br>The field to use to sort on.                                        |
| sortOrder | string<br>Enum: "ASC" "DESC"<br>Defines the sort direction for query results. |
| page      | integer <int32> >= 0<br>The page number to return, paging starts with 0.      |
| pageSize  | integer <int32> [ 1 .. 2000 ]<br>The number of items requested on the page.   |
| filters > | object<br>The list of filters to apply.                                       |

## Responses

> **200** List Policy in a paged format.

> **400** Invalid id supplied.

> **404** Not Found

> **422** Some of the provided query data is invalid.

**POST** /policyTemplates/{templateId}/policies/query

### Request samples

#### Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "sortField": "string",
  "sortOrder": "ASC",
  "page": 0,
  "pageSize": 1,
  "filters": {
    "property1": { },
    "property2": { }
  }
}
```

### Response samples

200

400

404

422

Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Get Policy

Retrieves the requested policy.

### PATH PARAMETERS

|                               |                 |
|-------------------------------|-----------------|
| <b>templateId</b><br>required | integer <int64> |
| <b>policyId</b><br>required   | string <uuid>   |

### Responses

> **200** Policy success

> **400** Invalid id supplied.

> **404** Policy Template not found.

GET /policyTemplates/{templateId}/policies/{policyId}

### Response samples

200

400

404

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "policyType": "RADIUS",
  "onMatchResponse": "string",
  "policyTemplateId": "string"
}
```

```
    "policySetCount": 0,
    "conditionsCount": 0,
    - "policySetNames": [
      "string"
    ],
    - "_links": {
      + "property1": { ... },
      + "property2": { ... }
    }
  }
}
```

## Delete Policy

Deletes the policy and conditions, may not be assigned to a service.

### PATH PARAMETERS

|                                           |                 |
|-------------------------------------------|-----------------|
| <div>templateId</div> <div>required</div> | integer <int64> |
| <div>policyId</div> <div>required</div>   | string <uuid>   |

### Responses

> **200** Policy deleted

> **204** Policy deleted, no content.

> **404** Policy not found

> **409** The requested policy is still in use in a policy set.

**DELETE** /policyTemplates/{templateId}/policies/{policyId} 

### Response samples

200

204

404

409

Content type

application/json 

Copy

{ }

## Update Policy

Updates the policy from the requested values. The policy template assigned to this policy cannot be changed.

### PATH PARAMETERS

|                                           |                 |
|-------------------------------------------|-----------------|
| <div>templateId</div> <div>required</div> | integer <int64> |
| <div>policyId</div> <div>required</div>   | string <uuid>   |

REQUEST BODY SCHEMA: application/json

required

|                 |                                                                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| name            | string                                                                                                                                                              |
| required        | The name of the policy. Must be unique within the tenant.                                                                                                           |
| description     | string                                                                                                                                                              |
|                 | The policy description.                                                                                                                                             |
| onMatchResponse | string                                                                                                                                                              |
|                 | The response details if the policy is matched. For policy types which are RADIUS and DPSK, this is expected to be the identifier of a valid RADIUS attribute group. |

## Responses

> 200 Policy updated

> 409 Invalid policy details provided.

PATCH /policyTemplates/{templateId}/policies/{policyId}

### Request samples

#### Payload

Content type

application/json

Copy

```
{
  "name": "string",
  "description": "string",
  "onMatchResponse": "string"
}
```

### Response samples

200

409

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "policyType": "RADIUS",
  "onMatchResponse": "string",
  "policySetCount": 0,
  "conditionsCount": 0,
  "policySetNames": [
    "string"
  ],
  "links": {
```

```
- "_links": {  
  + "property1": { ... },  
  + "property2": { ... }  
}
```

## Prioritized Policies

Manage the prioritized policies within a policy set.

### Get Prioritized Policy

Retrieves the requested prioritized policy.

#### PATH PARAMETERS

|                                |                                         |
|--------------------------------|-----------------------------------------|
| <b>policySetId</b><br>required | string <uuid><br>Policy set identifier. |
| <b>policyId</b><br>required    | string <uuid><br>Policy identifier.     |

#### Responses

> **200** Prioritized policy found

> **404** Policy set or policy not found

**GET** /policySets/{policySetId}/prioritizedPolicies/{policyId}

#### Response samples

200

404

##### Content type

application/json

Copy Expand all Collapse all

```
{  
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",  
  "priority": 0,  
  "_links": {  
    + "property1": { ... },  
    + "property2": { ... }  
  }  
}
```

## Assign Policy to Policy Set

Assigns a policy to a policy set with a specific priority.

#### PATH PARAMETERS

|

|                         |                                         |
|-------------------------|-----------------------------------------|
| policySetId<br>required | string <uuid><br>Policy set identifier. |
| policyId<br>required    | string <uuid><br>Policy identifier.     |

REQUEST BODY SCHEMA: application/json   
required

|          |                                                                                                                 |
|----------|-----------------------------------------------------------------------------------------------------------------|
| policyId | string <uuid><br>The identifier for the prioritized policy. Will be ignored on a put, as URL is the identifier. |
| priority | integer <int32><br>The priority of this policy, 1 being the highest priority.                                   |
| _links > | object (Links)                                                                                                  |

## Responses

> **201** Policy assigned to policy set

> **409** Invalid assignment details provided.

**PUT** /policySets/{policySetId}/prioritizedPolicies/{policyId} 

### Request samples

#### Payload

##### Content type

application/json 

Copy Expand all Collapse all

```
{
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "priority": 0,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

### Response samples

**201**

**409**

##### Content type

application/json 

Copy Expand all Collapse all

```
{
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "priority": 0,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

```
+ property2 : { ... }  
}  
}
```

## Remove Policy from Policy Set

Removes a policy from a policy set.

### PATH PARAMETERS

|                                                                                                                  |                                         |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|  <b>policySetId</b><br>required | string <uuid><br>Policy set identifier. |
|  <b>policyId</b><br>required    | string <uuid><br>Policy identifier.     |

### Responses

> **200** Policy removed from policy set successfully.

> **204** Policy removed from policy set, no content.

> **404** Policy set or policy not found

**DELETE** /policySets/{policySetId}/prioritizedPolicies/{policyId} 

### Response samples

**200**

**204**

**404**

Content type

application/json 

Copy

```
{ }
```

## Get Prioritized Policies

Gets the list of prioritized policies for the specified policy set.

### PATH PARAMETERS

|                                                                                                                    |                                         |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|  <b>policySetId</b><br>required | string <uuid><br>Policy set identifier. |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------|

### Responses

> **200** Prioritized policies in a paged format.

> **404** Policy set not found

**GET** /policySets/{policySetId}/prioritizedPolicies

GET /policysets/{policysetId}/prioritizedPolicies

## Response samples

200

404

Content type

application/json

Copy Expand all Collapse all

```
{
  - "paging": {
    "totalCount": 0,
    "page": 0,
    "pageSize": 0,
    "pageCount": 0
  },
  - "content": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Policy Sets

Manages the policy sets.

### Create Policy Set

Creates a policy set from the requested values.

REQUEST BODY SCHEMA: application/json

required

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| id                      | string <uuid><br>The identifier for this dynamic policy.                                                         |
| name<br>required        | string<br>The policy set name.                                                                                   |
| description<br>required | string<br>The policy set description.                                                                            |
| mappedPolicyCount       | integer <int64><br>The number of policies mapped to this policy set.                                             |
| assignmentCount         | integer <int64><br>The number of assignments to this policy set.                                                 |
| policyNames             | Array of strings<br>The names of the policies mapped to this policy set.                                         |
| externalAssignments >   | Array of objects (Policy Set Assignment Groups)<br>The list of external assignments assigned to this policy set. |
| policyOverrideEnabled   | boolean                                                                                                          |

The policy override enabled flag.

 \_links >

object (Links)

## Responses

> **201** Policy set created

> **409** Invalid policy set details provided.

**POST** /policySets

### Request samples

Payload

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "mappedPolicyCount": 0,
  "assignmentCount": 0,
  - "policyNames": [
    "string"
  ],
  - "externalAssignments": [
    + { ... }
  ],
  "policyOverrideEnabled": true,
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

### Response samples

**201**

**409**

Content type  
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "mappedPolicyCount": 0,
  "assignmentCount": 0,
  - "policyNames": [
    "string"
```

```
    },
    "externalAssignments": [
      + { ... }
    ],
    "policyOverrideEnabled": true,
    "_links": {
      + "property1": { ... },
      + "property2": { ... }
    }
  }
}
```

## Query Policy Sets

Returns the list of policy sets using the specified query.

### QUERY PARAMETERS

→ **excludeContent**      boolean  
Default:

REQUEST BODY SCHEMA:   application/json   ▾  
**required**

|                       |                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| → <b>sortField</b>    | string<br>The field to use to sort on.                                                                                              |
| → <b>sortOrder</b>    | string<br>Enum: <input type="text" value="ASC"/> <input type="text" value="DESC"/><br>Defines the sort direction for query results. |
| → <b>page</b>         | integer <int32> <input type="text" value="&gt;= 0"/><br>The page number to return, paging starts with 0.                            |
| → <b>pageSize</b>     | integer <int32> <input type="text" value="[ 1 .. 2000 ]"/><br>The number of items requested on the page.                            |
| → <b>filters &gt;</b> | object<br>The list of filters to apply.                                                                                             |

### Responses

> **200** List Policy Sets in a paged format.

> **422** Some of the provided query data is invalid.

**POST**   /policySets/query   ▾

### Request samples

**Payload**

Content type

Copy   Expand all   Collapse all

{

```
"sortField": "string",
"sortOrder": "ASC",
"page": 0,
"pageSize": 1,
- "filters": {
  "property1": { },
  "property2": { }
}
}
```

## Response samples

200

422

### Content type

application/json

Copy Expand all Collapse all

```
{
- "paging": {
  "totalCount": 0,
  "page": 0,
  "pageSize": 0,
  "pageCount": 0
},
- "content": [
  + { ... }
],
- "_links": {
  + "property1": { ... },
  + "property2": { ... }
}
}
```

## Get Policy Set

Retrieves the requested policy set.

### PATH PARAMETERS

→ **policySetId** required string <uuid>  
Policy set identifier.

## Responses

> **200** Policy set found

> **404** Policy set not found

GET /policySets/{policySetId}



## Response samples

200

404

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "mappedPolicyCount": 0,
  "assignmentCount": 0,
  - "policyNames": [
    "string"
  ],
  - "externalAssignments": [
    + { ... }
  ],
  "policyOverrideEnabled": true,
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

## Delete Policy Set

Deletes the policy set, may not be assigned to a service.

### PATH PARAMETERS

|               |                        |
|---------------|------------------------|
| → policySetId | string <uuid>          |
| required      | Policy set identifier. |

### Responses

> **200** Policy set deleted

> **204** Policy set deleted, no content.

> **404** Policy set not found

> **409** The requested policy set is still in use.

**DELETE** /policySets/{policySetId}

### Response samples

200

204

404

409

Content type

application/json

Copy

# Update Policy Set

Updates the policy set from the requested values.

## PATH PARAMETERS

`policySetId` required string <uuid>  
Policy set identifier.

REQUEST BODY SCHEMA: application/json ▼  
required

|                                     |                                                                                                                  |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| id                                  | string <uuid><br>The identifier for this dynamic policy.                                                         |
| name <small>required</small>        | string<br>The policy set name.                                                                                   |
| description <small>required</small> | string<br>The policy set description.                                                                            |
| mappedPolicyCount                   | integer <int64><br>The number of policies mapped to this policy set.                                             |
| assignmentCount                     | integer <int64><br>The number of assignments to this policy set.                                                 |
| policyNames                         | Array of strings<br>The names of the policies mapped to this policy set.                                         |
| externalAssignments >               | Array of objects (Policy Set Assignment Groups)<br>The list of external assignments assigned to this policy set. |
| policyOverrideEnabled               | boolean<br>The policy override enabled flag.                                                                     |
| _links >                            | object (Links)                                                                                                   |

## Responses

> **200** Policy set updated

> **409** Invalid policy set details provided.

**PATCH** /policySets/{policySetId} ▼

### Request samples

Payload

Content type  
application/json ▼

Copy Expand all Collapse all

{

```
    "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
    "name": "string",
    "description": "string",
    "mappedPolicyCount": 0,
    "assignmentCount": 0,
    - "policyNames": [
      "string"
    ],
    - "externalAssignments": [
      + { ... }
    ],
    "policyOverrideEnabled": true,
    - "_links": {
      + "property1": { ... },
      + "property2": { ... }
    }
  }
}
```

## Response samples

200

409

### Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "mappedPolicyCount": 0,
  "assignmentCount": 0,
  - "policyNames": [
    "string"
  ],
  - "externalAssignments": [
    + { ... }
  ],
  "policyOverrideEnabled": true,
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```