

Policy Management REST API (0.0.8)

License: [RUCKUS Cloud Privacy Policy](#)

Overview

The Policy Management REST API's and Model, allow the creation, delete 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.

Rate Limit

For the Policy Management REST API the following will be true:

- Limits are applied to each tenant.
- A maximum of 100 calls can be made per second.
- Each second 50 calls will be returned to be used.

Policy Conditions

Manage the conditions that are applied on the specified policy.

Get Conditions

Retrieves the list of condition for the policy.

PATH PARAMETERS	
templateId required	integer <int64> Template identifier.
policyId required	string <uuid> Policy 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 Success
> 404 Not Found

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

Response samples

200404

Content type
application/json

```
{
  - "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 required	integer <int64> Policy Template identifier.
policyId required	string <uuid> Policy identifier.

REQUEST BODY SCHEMA: application/json

▼

required

id	string <uuid> The identifier for this policy condition.
policyId required	string <uuid> The identifier of the policy to assign this condition.
templateAttributeId required	integer <int64> The identifier for the template attribute to associate with this condition.
templateAttribute >	object (Dynamic Policy Template Attribute) Attribute that is allowed to be assigned on a policy using the template.
evaluationRule >	object (EvaluationCriteria)
_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",
    + "_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",
    + "_links": { ... }
  },
  - "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Get Condition

Retrieves the requested condition for the policy.

PATH PARAMETERS

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

Responses

- > 200 Success
- > 404 Not Found.

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

Response samples

200404

Content type

application/json

CopyExpand allCollapse 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",
    + "_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 required	integer <int64> Template identifier
policyId required	string <uuid> Policy identifier
conditionId required	string <uuid> Condition identifier

Responses

- > 200 Condition deleted
- > 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/{conditionId>

Response samples

200

204

404

409

Content type

application/json

{ }

Copy

Update Condition

Updates the condition from the requested values.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json

required

id	string <uuid> The identifier for this policy condition.
policyId required	string <uuid> The identifier of the policy to assign this condition.

templateAttributeId required	integer <int64> The identifier for the template attribute to associate with this condition.
templateAttribute >	object (Dynamic Policy Template Attribute) Attribute that is allowed to be assigned on a policy using the template.
evaluationRule >	object (EvaluationCriteria)
_links >	object (Links)

Responses

- > 200 Condition updated
- > 404 Not Found
- > 409 Invalid condition details provided.

PATCH /policyTemplates/{templateId}/policies/{policyId}/conditions/{conditionId} ▾

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",
    + "_links": { ... }
  },
  "evaluationRule": {
    "criteriaType": "string",
    "booleanCriteria": true
  },
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

200 404 409

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",
+ "_links": { ... }
},
- "evaluationRule": {
  "criteriaType": "string",
  "booleanCriteria": true
},
- "_links": {
+ "property1": { ... },
+ "property2": { ... }
}
}
```

Policy Templates

View the list of policy templates.

Get Policy Template Attributes

Gets the attributes associated with the specific policy template requested using a query.

PATH PARAMETERS

templateId

required

integer <int64>
Policy Template 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

The field to use to sort on.

sortOrder

string

Enum: "ASC" "DESC"

The sort order of the applied query.

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** Policy Template Attributes success
- > **400** Invalid template id supplied.
- > **404** Policy Template not found.

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

200 400 404

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

Gets the list of policy templates using the specified query.

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 The field to use to sort on.
sortOrder	string Enum: "ASC" "DESC" The sort order of the applied query.
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 Policy Templates in a paged format.

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

Content type

application/json

Copy Expand all Collapse all

```
{
  "paging": {
    "totalItemCount": 6
  }
}
```

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

All Policies by Query

Returns the list of policies regardless of the template filtered by query criteria.

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 The field to use to sort on.
 sortOrder	string Enum: ASC DESC The sort order of the applied query.
 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** Policies in a paged format.

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

POST /policyTemplates/policies/query 

Request samples

Payload

Content type
application/json 

CopyExpand allCollapse all

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

Response samples

- 200
- 422

Content type
application/json

CopyExpand allCollapse all

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

Get Policy Templates

Gets the list of policy templates in a paged format.

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 Templates in a paged format.

GET /policyTemplates

Response samples

200

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

Gets the specific policy template requested.

PATH PARAMETERS

 templateId	integer <int64>
required	Policy template identifier

Responses

> **200** Policy Template success

> **400** Invalid id supplied.

> **404** Policy Template not found.

GET /policyTemplates/{templateId}

Response samples

200

400

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 Policy Template Attributes

Gets the attributes associated with the specific policy template requested.

PATH PARAMETERS

templateId required	integer <int64> Policy Template 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 Template Attributes success
- > 400 Invalid template id supplied.
- > 404 Policy Template not found.

GET /policyTemplates/{templateId}/attributes

Response samples

200400404

Content type

application/json

CopyExpand allCollapse all

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

Gets the requested attribute associated with the specific policy.

PATH PARAMETERS

templateId required	integer <int64> Policy Template identifier.
attributeId required	integer <int64> Policy Template Attribute identifier.

Responses

- > 200 Policy Template Attribute
- > 400 Invalid attribute id supplied.
- > 404 Policy Template not found.

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

Response samples

200400404

Content type

application/json

CopyExpand allCollapse all

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

Policy Set Prioritized Rules

Manages, create and gets the policies prioritized for this set.

Get Prioritized Policy

Retrieves the requested policy priority.

PATH PARAMETERS

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

Responses

- > 200 Success
- > 404 Policy set 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 Priority

Maps policy to the priority defined on this set, will order the other priorities.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json
required

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

Responses

- > 200 Success
- > 409 Invalid policy set details provided.

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

Request samples

Download

Content type

application/json

Copy

Expand all

Collapse all

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

Response samples

200

409

Content type

application/json

Copy

Expand all

Collapse all

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

Remove Policy Assignment

Removes the priority mapping assignment of the policy to this policy set.

PATH PARAMETERS

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

Responses

> **200** Policy priority assignment removed

> **204** Policy priority assignment removed, no content.

> **404** Policy set not found

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

Response samples

200204404

Content type

application/json

{ }

Copy

Get Prioritized Policies

Gets the list of prioritized policies for this policy set.

PATH PARAMETERS	
→ policySetId required	string <uuid> Policy set identifier.

Responses

- > 200 Prioritized policies.
- > 404 Policy set not found

GET /policySets/{policySetId}/prioritizedPolicies

Response samples

200404

Content type

application/json

Copy

Expand all

Collapse all

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

Policies

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

Get Policies

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

PATH PARAMETERS

→ templateId	integer <int64>
required	Policy template identifier.

QUERY PARAMETERS

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

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, then 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	integer <int64>
required	

Policy template identifier.

REQUEST BODY SCHEMA: application/json

required

id	string <uuid> The identifier for this dynamic policy.
name required	string The name of the policy.
description	string The policy description.
policyType required	string Enum: "RADIUS" "DPSK" 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 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> The number of policy sets that this policy is assigned to.
conditionsCount	integer <int64> The number of conditions that are used when evaluating this policy.
policySetNames	Array of strings 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",
  "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

Returns the list of policies on the specific templates using the specified query.

PATH PARAMETERS

 **templateId** integer <int64>
required Policy template identifier.

QUERY PARAMETERS

 **excludeContent** boolean
Default:
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
The field to use to sort on.

 **sortOrder** string
Enum:
The sort order of the applied query.

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

 **pageSize** integer <int32>
The number of items requested on the page.

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

CopyExpand allCollapse all

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

Response samples

- 200
- 400
- 404
- 422

Content type

application/json

CopyExpand allCollapse all

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

Get Policy

Retrieves the requested policy.

PATH PARAMETERS

templateId required	integer <int64> Policy template identifier.
policyId required	string <uuid> Policy identifier.

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",
  "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

templateId required	integer <int64> Policy template identifier.
policyId required	string <uuid> Policy identifier.

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

templateId required	integer <int64> Policy template identifier.
policyId required	string <uuid> Policy identifier.

REQUEST BODY SCHEMA: application/json

required

id	string <uuid> The identifier for this dynamic policy.
name required	string The name of the policy.
description	string The policy description.
policyType required	string Enum: "RADIUS" "DPSK" 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 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> The number of policy sets that this policy is assigned to.
conditionsCount	integer <int64> The number of conditions that are used when evaluating this policy.
policySetNames	Array of strings The names of the policy sets that this policy is currently assigned to.
_links >	object (Links)

Responses

- > 200 Policy updated
- > 409 Invalid policy details provided.

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

Request samples

Payload

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": {
    "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",
    "policyType": "RADIUS",
    "onMatchResponse": "string",
    "policySetCount": 0,
    "conditionsCount": 0,
    - "policySetNames": [
      "string"
    ],
    - "_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> The identifier for this dynamic policy.
name required	string The policy set name.
description required	string The policy set description.
mappedPolicyCount	integer <int64> The number of policies mapped to this policy set.
assignmentCount	integer <int64> The number of assignments to this policy set.
policyNames	Array of strings The names of the policies mapped to this policy set.
externalAssignments >	Array of objects (Policy Set Assignment Groups) The list of external assignments assigned to this policy set.
_links >	object (Links)

Responses

> **201** 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": [
    + { ... }
  ],
  - "_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": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Query Policy Sets

Returns the list of policies sets using the specified query.

QUERY PARAMETERS

→ excludeContent

boolean

Default:

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 The field to use to sort on.
sortOrder	string Enum: "ASC" "DESC" The sort order of the applied query.
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 policy sets in a paged format. Can exclude content for just count information

> 400 Bad request, check query format.

POST /policySets/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

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	string <uuid>
required	Policy set identifier.

Responses

> **200** Success

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

Delete Policy Set

Deletes the policy set, but only if it is not used by another service.

PATH PARAMETERS

policySetId required	string <uuid> 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 by another service.

DELETE

/policySets/{policySetId}

Response samples

200

204

404

409

Content type

application/json

Copy

{ }

Update Policy Set

Updates the policy sets with the requested values. Only policy sets attributes can be changed. Use the prioritized policy APIs to manipulate the prioritized policies.

PATH PARAMETERS

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

REQUEST BODY SCHEMA: application/json

required

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

	The list of external assignments assigned to this policy set.
<code>_links ></code>	object (Links)

Responses

- > **200** Policy set updated
- > **404** Policy set not found.
- > **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": [
    + { ... }
  ],
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

- 200
- 404
- 409

Content type

application/json

Copy

```
{ }
```

Policy Set Assignments

Provides information on the assignments made on a policy set.

Query Policy Set Assignments

Returns the list of assignments using the specified query.

PATH PARAMETERS

→ policySetId required	string <uuid> 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 The field to use to sort on.
→ sortOrder	string Enum: "ASC" "DESC" The sort order of the applied query.
→ 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 policy set assignments in a paged format. Can exclude content for just count information
- > 400 Bad request, check query format.

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

400

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 Assignments

Gets the list of assignments for this policy set.

PATH PARAMETERS

policySetId required	string <uuid> 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 Assignments.

> 404 Policy set not found

GET /policySets/{policySetId}/assignments

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 Policy Set Assignment

Retrieves the requested assignment for the policy set.

PATH PARAMETERS

 policySetId required	string <uuid> Policy set identifier.
 assignmentId required	string <uuid> Assignment identifier.

Responses

> **200** Success

> **404** Policy set 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": { ... }
  }
}
```