

Policy Management REST API (0.0.3)

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Overview

The Policy Evaluation REST API's allow the evaluation of a policy with the provided criteria. A policy with attributes set, where the provided criteria is not provided will always fail. The text for matching criteria can be found in the policy criteria attributes in the policy management API.

Rate Limit

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

- Limits are applied to each tenant.
- A maximum of 40 calls can be made per second.
- Each second 20 calls will be returned to be used.

Criteria Evaluation

Evaluates policy criteria provided and identifies the matching policy.

Evaluate Criteria

Evaluates the criteria provided and returns the matched response from the first matching policy within the specified set, or it will indicate that no match was found. A policy has additional required criteria and no matching test criteria is provided, that will be considered a failure. Additional test attributes that are provided but are not required within a policy will be ignored and not considered a match failure.

PATH PARAMETERS

 policySetId required	string <uuid>
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REQUEST BODY SCHEMA: application/json 
required

 evaluationCriteria > required	Array of objects (Evaluation Criteria) The complete list of criteria to evaluate against this policy set.
 wasMatched	boolean The overall results of the matched request. This will be ignored on the post if it is provided.
 policyName	string The name of the specific policy that was matched. Ignored on the post, and will not be set if no match was made.
 policyId	string <uuid> The unique identifier of the specific policy that was found during evaluation. It will be ignored on the post and will not be set if no matching policy was found.
 policyType	string Enum: "BASE" "RADIUS" "DPSK" "UNMATCHED" The type of policy that was found during evaluation. Optional, and will be used on the post if it is a valid policy type, and can be evaluated. UNMATCHED, DPSK and RADIUS map to the existing policy types, any other policy types are not available.
 onMatchResponse	string The response value that was defined in the policy that was matched.
 identityGroupId	string Identity group identifier. If provided policy set associated to the identity group is evaluated prior to user provided policy set.
 policySetId	string <uuid> The identifier for the policy set to evaluate.
 _links >	object (Links)

Responses

- > 200 Policy set was evaluated and results are returned.
- > 400 Invalid evaluation criteria provided.
- > 404 Policy set to evaluate is not found.
- > 409 The Date range criteria provided could not be properly parsed.

POST /policySets/{policySetId}/evaluationReports

Request samples

Payload

Content type
application/json

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```
{
  - "evaluationCriteria": [
    + { ... }
  ],
  "wasMatched": true,
  "policyName": "string",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "policyType": "BASE",
  "onMatchResponse": "string",
  "identityGroupId": "string",
  "policySetId": "cd627cf7-03c4-4c1d-8b46-84b816ad5cc6",
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

- 200
- 400
- 404
- 409

Content type
application/json

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```
{
  - "evaluationCriteria": [
    + { ... }
  ],
  "wasMatched": true,
  "policyName": "string",
  "policyId": "2f5573e6-5ba4-48f2-a75d-df99c936463b",
  "policyType": "BASE",
  "onMatchResponse": "string",
  "identityGroupId": "string",
  "policySetId": "cd627cf7-03c4-4c1d-8b46-84b816ad5cc6",
  - "_links": {
    + "property1": { ... }
  }
}
```

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