

Workflow Management API (0.0.3)

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Overview

The Workflow Management REST API's allow the creation of a workflow, and steps within that workflow. Steps, and split step options must be assigned actions that are already defined through the /enrollmentActions api. Please see that API for additional information. For split steps only the action definition is to be provided, but the options require a matching action type, and must be of type split.## Rate Limit For the Workflow 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.

Workflow

Manages the workflows, including create, update and delete.

Create Workflow

Initiates a request that will create a workflow with the requested values and sets its status to work-in-progress, any other state change request will be ignored. The start and end steps for the workflow are also automatically created.

REQUEST BODY SCHEMA: application/json

required

name	string
required	The name of the workflow.
description	string
	The description of a workflow.
allowedIps	Array of strings
	The list of IP addresses that are permitted to access this workflow. Only one allowed IP can be queried for using filter in the query data.
disAllowedIps	Array of strings
	The list of IP addresses that are not permitted to access this workflow. Only one not allowed IP can be queried for using filter in the query data.
publishedDetails	object (PublishedDetails_v1_0)
	The publish details for the workflow.
startStepId	string <uuid>
	The start step for this workflow.
_links	object (Links)

Responses

> 202 Accepted

> 400 Bad request

> 409 Conflict

POST /workflows



Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "description": "string",
  "allowedIps": [
    "string"
  ],
  "disAllowedIps": [
    "string"
  ],
  "publishedDetails": {
    "status": "WORK_IN_PROGRESS"
  },
  "startStepId": "89855da9-7928-4250-8ea0-cf0707fcc260",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

202

400

409

Content type
application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Create a New Workflow from the Specified Workflow

Initiates a request that will create a new workflow from the specified workflow with the requested values and sets its status to work-in-progress. All steps in the workflow will be cloned.

PATH PARAMETERS

→ workflowId
required string <uuid>

Responses

> 202 Accepted

> **400** Bad request

> **409** Conflict

POST /workflows/{workflowId}/workflows

Response samples

202

400

409

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Get All Workflows Including Versioned

Retrieves all of the workflow versions for requested workflow.

PATH PARAMETERS

→ **workflowId**
required string <uuid>

QUERY PARAMETERS

→ **excludeContent** boolean
Default:

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** Success

> **400** Bad request, check query format.

> **404** Invalid id supplied.

POST /workflows/{workflowId}/versions/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": [
    + { ... }
  ]
}
```

Import a Workflow Into the Existing Workflow

Initiates a request to clone a workflow into the existing workflow after the requested step.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

referencedWorkflowId string <uuid>
required

Responses

> 202 Accepted

> 400 Bad request

> 404 Workflow not found

> 409 Conflict

POST /workflows/{workflowId}/steps/{stepId}/nextSteps/workflows/{referen... ▾

Response samples

202

400

404

409

Content type

application/json ▾

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Get All Current Workflow

Retrieves all of the work in progress workflows based on the query criteria.

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"
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 Success

> 400 Bad request, check query format.

POST /workflows/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": [
    + { ... }
  ]
}
```

Get Workflow

Retrieves the requested workflow by id.

PATH PARAMETERS

→ workflowId
required

string <uuid>
Workflow identifier.

Responses

> 200 Success

> 400 Invalid id supplied.

> 404 Workflow not found.

GET /workflows/{workflowId}

Response samples

200

400

404

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  - "allowedIps": [
    "string"
  ],
  - "disAllowedIps": [
    "string"
  ],
  - "publishedDetails": {
    "parentWorkflowId": "0e133d30-08c8-4a67-900d-b2904eba2ec8",
    "version": 0,
    "publishedDate": "2019-08-24T14:15:22Z",
    "status": "WORK_IN_PROGRESS"
  },
  "startStepId": "89855da9-7928-4250-8ea0-cf0707fcc260",
  - "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Delete Workflow

Initiates a request that will delete the workflow requested. If the workflow id provided is for a workflow that is in a work in progress' state then it will be deleted along with all dependent published and retired workflows.

PATH PARAMETERS

workflowId
required

string <uuid>

Responses

> 202 Accepted

> 409 Conflict

DELETE /workflows/{workflowId}

Response samples

202

409

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Update a Workflow

Initiates a request that will update the workflow requested. Once it has been published a workflow cannot be changed.

PATH PARAMETERS

workflowId
required string <uuid>

REQUEST BODY SCHEMA: application/json
required

name required	string The name of the workflow.
description	string The description of a workflow.
allowedIps	Array of strings The list of IP addresses that are permitted to access this workflow. Only one allowed IP can be queried for using filter in the query data.
disAllowedIps	Array of strings The list of IP addresses that are not permitted to access this workflow. Only one not allowed IP can be queried for using filter in the query data.
publishedDetails >	object (PublishedDetails_v1_0) The publish details for the workflow.
startStepId	string <uuid> The start step for this workflow.
_links >	object (Links)

Responses

> 200 Ok - Returned if a validation request finds no errors.

> **202** Accepted

> **404** Workflow not found

> **409** Conflict

PATCH /workflows/{workflowId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "description": "string",
  "allowedIps": [
    "string"
  ],
  "disAllowedIps": [
    "string"
  ],
  "publishedDetails": {
    "status": "WORK_IN_PROGRESS"
  },
  "startStepId": "89855da9-7928-4250-8ea0-cf0707fcc260",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

200

202

404

409

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Steps

Manages the steps for the workflow.

Create Step

Creates a step for the workflow under the specified step.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

REQUEST BODY SCHEMA: application/json 
required

actionDefinitionId	string <uuid> The action definition ID for this step. This is a read only attribute for steps, and will be determined by the provided enrollment action on the create. For split steps this will determine the type of options that can be added to the step.
_links >	object (Links)

Responses

> **202** Accepted

> **400** Bad request.

> **404** Not Found.

> **409**

Conflict. If the action requested cannot be found, or if the action type does not match the type of step created.

POST /workflows/{workflowId}/steps/{stepId}/nextSteps 

Request samples

Payload

Content type

application/json 

Copy Expand all Collapse all

```
{
  "actionDefinitionId": "0b16f95e-fcc6-4107-a58b-86f2fc764d01",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

202

400

404

409

Content type

application/json 

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Query All Step

Retrieves all of the steps for the requested workflow based on the query criteria.

PATH PARAMETERS

→ workflowId **required** string <uuid>

QUERY PARAMETERS

→ excludeContent boolean
Default:

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** Success

> **400** Bad request, check query format.

> **404** Not Found.

POST /workflows/{workflowId}/steps/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

400

404

Content type

application/json

Copy Expand all Collapse all

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

Get All Step

Retrieves the complete list of steps for the workflow with paging.

PATH PARAMETERS

→ workflowId
required string <uuid>

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** The action definitions in a paged format.

> **400** Invalid id supplied.

> **404** Not Found.

GET /workflows/{workflowId}/steps

Response samples

200

400

404

Content type

application/json

Copy Expand all Collapse all

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

Get Step

Retrieves the step within the workflow by id.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

Responses

> **200** Success

> **400** Invalid id supplied.

> **404** Workflow not found.

GET /workflows/{workflowId}/steps/{stepId}

Response samples

200

400

404

Content type

application/json

Example

EndStep_v1_0

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  },
  "type": "string",
  "priorStepId": "86e312df-767c-4b72-b8e8-d606d0858748",
  "splitOptionId": "0b15d742-babc-45f3-81e8-be9e4f01487c"
}
```

Delete Step

Deletes the requested step and reorders the remaining steps. If this is a split, all options except the first will be removed. The step under the first option will be moved to the current step flow. Start and end steps can never be deleted.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

Responses

> **202** Accepted> **400** Bad request.> **404** Workflow is not Found.**DELETE** /workflows/{workflowId}/steps/{stepId}**Response samples**

202

400

404

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Delete Descendant Step

Deletes all of the steps that follow this step, leaving this step as the last step and the end step as the remaining steps in the list of steps.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

Responses

> **202** Accepted

> **400** Bad request.

> **404** Workflow is not Found.

DELETE /workflows/{workflowId}/steps/{stepId}/descendantSteps

Response samples

202

400

404

Content type
application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Split Options

Manages the split options for split steps in a workflow.

Get All Split Options

Retrieves all of the split options for the split step.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

Responses

> **200** Success

> **400** Invalid id supplied.

> **404** Workflow, step, or split option is not found.

GET /workflows/{workflowId}/steps/{stepId}/splitOptions

Response samples

200

400

404

Content type

application/json

Copy Expand all Collapse all

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

Creates Split Option

Creates a split option for the step at the end of the list of options for the split step. All split options which are functional are processed in order, which is defined as they are created.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>

REQUEST BODY SCHEMA: application/json
required

optionName	string
enrollmentActionId required	string <uuid> The ID of the enrollment action to be followed in this step.
_links >	object (Links)

Responses

> **202** Accepted

> **400** Invalid id supplied.

> **404** Workflow, step, or split option is not found.

POST /workflows/{workflowId}/steps/{stepId}/splitOptions

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "optionName": "string",
  "enrollmentActionId": "a76b6dde-7900-4ffb-87fb-676692f788d1",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

202

400

404

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Creates Step Under Option

Creates a step under the requested split option. When there is no step already mapped, the step is just created and assigned to the option. When a step is already assigned to the option, this will create this step first, and move the existing step after this one.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>
optionId required	string <uuid>

REQUEST BODY SCHEMA: application/json
required

actionDefinitionId	string <uuid> The action definition ID for this step. This is a read only attribute for steps, and will be determined by the provided enrollment action on the create. For split steps this will determine the type of options that can be added to the step.
--------------------	--

Responses

> **202** Accepted

> **400** Invalid id supplied.

> **404** Workflow, step, or split option is not found.

> **409**

Conflict. When the action requested cannot be found, or the action type does not match the type of step created.

POST /workflows/{workflowId}/steps/{stepId}/splitOptions/{optionId}/next... ▾

Request samples

Payload

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "actionDefinitionId": "0b16f95e-fcc6-4107-a58b-86f2fc764d01",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

202

400

404

409

Content type

application/json ▾

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Get Split Option

Retrieves the split option by id.

PATH PARAMETERS

workflowId
required

string <uuid>

stepId required	string <uuid>
optionId required	string <uuid>

Responses

> **200** Success

> **400** Invalid id supplied.

> **404** Workflow, step, or split option is not found.

GET /workflows/{workflowId}/steps/{stepId}/splitOptions/{optionId} ▾

Response samples

200

400

404

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "optionName": "string",
  "enrollmentActionId": "a76b6dde-7900-4ffb-87fb-676692f788d1",
  "actionDefinitionId": "0b16f95e-fcc6-4107-a58b-86f2fc764d01",
  "actionType": "string",
  "nextStepId": "142c7a6d-2f1c-4ddc-9f1b-2ef0d2239d82",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Delete Split Option

Deletes the requested option and all of the steps under this option.

PATH PARAMETERS

workflowId required	string <uuid>
stepId required	string <uuid>
optionId required	string <uuid>

Responses

> **202** Accepted

> **400** Invalid id supplied.

> **404** Workflow, step, or split option is not found.

DELETE /workflows/{workflowId}/steps/{stepId}/splitOptions/{optionId} ▾

Response samples

202

400

404

Content type

application/json ▾

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Enrollment UI Configuration

Manages the enrollment configuration for the workflow.

Get Workflow's UI Configuration

Retrieves the UI configuration for the specified workflow.

PATH PARAMETERS

— workflowId
required string <uuid>

Responses

> **200** Success

> **400** Invalid id supplied.

> **404** Workflow not found.

GET /workflows/{workflowId}/uiConfigurations ▾

Response samples

200

400

404

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "welcomeTitle": "string",
}
```

```

    "welcomeName": "string",
  -  "uiColorSchema": {
      "backgroundColor": "string",
      "lineColor": "string",
      "fontColor": "string",
      "fontHeaderColor": "string",
      "headerBarBackgroundColor": "string",
      "startOverFontColor": "string",
      "buttonColor": "string",
      "buttonFontColor": "string"
    },
  -  "uiStyleSchema": {
      "logoImageFileName": "string",
      "backgroundImageName": "string",
      "iconImageName": "string",
      "fontName": "string",
      "logoSize": "SMALL",
      "wifi4EuNetworkId": "string",
      "disablePoweredBy": true,
      "headerFontSize": 14
    },
  -  "_links": {
      +  "property1": { ... },
      +  "property2": { ... }
    }
  }
}

```

Update Workflows UI Configuration

Initiates a request that will update the workflows UI configuration.

PATH PARAMETERS

→ workflowId required	string <uuid>
--------------------------	---------------

REQUEST BODY SCHEMA: multipart/vnd.ruckus.v1+form-data ▼

→ uiConfiguration > required	object (UiConfiguration_v1_0) The definition of the UI configuration for this workflow.
→ backgroundImage	string <binary>
→ logoImage	string <binary>
→ iconImage	string <binary>

Responses

> **202** Accepted

> **400** Bad request.

> **404** Workflow not found.

> **409** Conflict

POST /workflows/{workflowId}/uiConfigurations

Response samples

202

400

404

409

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Delete UI Configuration

Deletes the custom settings on the UI configuration.

PATH PARAMETERS

→ workflowId
required string <uuid>

Responses

> **202** Accepted

> **404** Workflow not found.

> **409** Conflict

DELETE /workflows/{workflowId}/uiConfigurations

Response samples

202

404

409

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Get UI Configuration's Image

Get UI configuration's image for the specified workflow and image type.

PATH PARAMETERS

workflowId required	string <uuid>
imageType required	string Enum: "backgroundImages" "logoImages" "IconImages"

Responses

> 200 Success
> 400 Bad request.
> 404 Workflow or images not found.

GET /workflows/{workflowId}/uiConfigurations/{imageType}

Response samples

200 400 404

Content type
application/json

Copy

```
{  
  "fileUrl": "string"  
}
```

Action Definition

Manages the action definitions that can be used in workflow steps.

Query Action Definitions

Returns the list of action definitions using the specified query.

QUERY PARAMETERS

excludeContent	boolean Default: false Excludes all of the content and just returns the counts for this query.
---------------------------	--

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 of action definitions in a paged format. Can exclude content for just count information

> **400** Bad request, check query format.

POST /workflowActionDefinitions/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": [
    + { ... }
  ]
}
```


Get All Action Definitions

Retrieves the complete list of action definitions with paging.

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** The action definitions in a paged format.

> **400** Invalid id supplied.

GET /workflowActionDefinitions

Response samples

200

400

Content type
application/json

Copy Expand all Collapse all

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

Get Action Definition

Retrieves the requested action definition by id.

PATH PARAMETERS

definitionId
required string <uuid>

Responses

> 200 OK

> 404 Action definition not found.

GET /workflowActionDefinitions/{definitionId}

Response samples

200

404

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "localizationDescriptionId": "string",
  "isSplit": true,
  "actionType": "string",
  "category": "string",
  "dependencyType": "NONE",
  "hasEndActions": true,
  "split": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Get Prior Required Actions

Retrieves the list of required prior actions for this action.

PATH PARAMETERS

definitionId
required string <uuid>

Responses

> 200 OK

> 404 Action definition not found.

GET /workflowActionDefinitions/{definitionId}/requiredPriorDefinitions

Response samples

200

404

Content type

application/json

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