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# Astra Automation Controller API (version 1.0.2+23.7.0)

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# Authentication

## Basic

| Security scheme type: | Basic Authorization |
|---|---|

# Api

## List supported API versions

## Responses

— **200**

RESPONSE SAMPLES

○ 200

```
{
  - "available_versions": {
        "v2": "/api/v2/"
    },
    "current_version": "/api/v2/",
    "custom_login_info": "",
    "custom_logo": "",
    "description": "AWX REST API",
    "login_redirect_override": "",
    "oauth2": "/api/o/",
    "swagger": "/api/swagger/"
}
```

# List of available debug urls

## Responses

— 200

# No Description for get on /api/debug/dependency_manager/

## Responses

— 200

GET    /api/debug/dependency_manager/

# No Description for get on /api/debug/task_manager/

## Responses

— 200

GET    /api/debug/task_manager/

# No Description for get on /api/debug/workflow_manager/

## Responses

**— 200**

GET /api/debug/workflow_manager/

---

# This page lists OAuth 2 utility endpoints used for authorization, token refresh and revoke.

Note endpoints other than `/api/o/authorize/` are not meant to be used in browsers and do not support HTTP GET. The endpoints here strictly follow RFC specs for OAuth2, so please use that for detailed reference. Note AWX net location default to `http://localhost:8013` in examples:

## Create Token for an Application using Authorization code grant type

Given an application "AuthCodeApp" of grant type `authorization-code`, from the client app, the user makes a GET to the Authorize endpoint with

- `response_type`

- `client_id`

- `redirect_uris`

- `scope`

AWX will respond with the authorization `code` and `state` to the redirect_uri specified in the application. The client application will then make a POST to the `api/o/token/` endpoint on AWX with

- `code`

- `client_id`

- `client_secret`

- `grant_type`

- `redirect_uri`

AWX will respond with the `access_token`, `token_type`, `refresh_token`, and `expires_in`. For more information on testing this flow, refer to [django-oauth-toolkit](#).

# Create Token for an Application using Password grant type

Log in is not required for `password` grant type, so a simple `curl` can be used to acquire a personal access token via `/api/o/token/` with

- `grant_type` : Required to be "password"

- `username`

- `password`

- `client_id` : Associated application must have grant_type "password"

- `client_secret`

For example:

```
curl -X POST \
  -H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=password&username=<username>&password=<password>&scope=re
  -u "gwSPoasWSdNkMDtBN3Hu2WYQpPWCO9SwUEsKK22l:fI6ZpfocHYBGfm1tP92r0yIgCyf
IaUBsaVDgt2eiwOGe0bg5m5vCSstClZmtdy359RVx2rQK5YlIWyPlrolpt2LEpVeKXWaiybo"
  http://localhost:8013/api/o/token/ -i
```

In the above post request, parameters `username` and `password` are username and password of the related AWX user of the underlying application, and the authentication information is of format `<client_id>:<client_secret>`, where `client_id` and `client_secret` are the corresponding fields of underlying application.

Upon success, access token, refresh token and other information are given in the response body in JSON

## Responses

GET    /api/o/

---

# List top level resources

## PARAMETERS

### Path Parameters ( ? )

— version

string **Required**

## Responses

— **200**

GET    /api/v2/

### RESPONSE SAMPLES

○ 200

```
{
    "activity_stream": "/api/v2/activity_stream/",
    "ad_hoc_commands": "/api/v2/ad_hoc_commands/",
    "analytics": "/api/v2/analytics/",
    "applications": "/api/v2/applications/",
```

```
"bulk": "/api/v2/bulk/",
"config": "/api/v2/config/",
"constructed_inventory": "/api/v2/constructed_inventories/",
"credential_input_sources": "/api/v2/credential_input_sources/",
"credential_types": "/api/v2/credential_types/",
"credentials": "/api/v2/credentials/",
"dashboard": "/api/v2/dashboard/",
"execution_environments": "/api/v2/execution_environments/",
"groups": "/api/v2/groups/",
"host_metric_summary_monthly": "/api/v2/host_metric_summary_monthly/",
"host_metrics": "/api/v2/host_metrics/",
"hosts": "/api/v2/hosts/",
"instance_groups": "/api/v2/instance_groups/",
"instances": "/api/v2/instances/",
"inventory": "/api/v2/inventories/",
"inventory_sources": "/api/v2/inventory_sources/",
"inventory_updates": "/api/v2/inventory_updates/",
"job_templates": "/api/v2/job_templates/",
"jobs": "/api/v2/jobs/",
"labels": "/api/v2/labels/",
"me": "/api/v2/me/",
"mesh_visualizer": "/api/v2/mesh_visualizer/",
"metrics": "/api/v2/metrics/",
"notification_templates": "/api/v2/notification_templates/",
"notifications": "/api/v2/notifications/",
"organizations": "/api/v2/organizations/",
"ping": "/api/v2/ping/",
"project_updates": "/api/v2/project_updates/",
"projects": "/api/v2/projects/",
"roles": "/api/v2/roles/",
"schedules": "/api/v2/schedules/",
"settings": "/api/v2/settings/",
"system_job_templates": "/api/v2/system_job_templates/",
"system_jobs": "/api/v2/system_jobs/",
"teams": "/api/v2/teams/",
"tokens": "/api/v2/tokens/",
"unified_job_templates": "/api/v2/unified_job_templates/",
"unified_jobs": "/api/v2/unified_jobs/",
"users": "/api/v2/users/",
"workflow_approvals": "/api/v2/workflow_approvals/",
"workflow_job_nodes": "/api/v2/workflow_job_nodes/",
"workflow_job_template_nodes": "/api/v2/workflow_job_template_nodes/",
"workflow_job_templates": "/api/v2/workflow_job_templates/",
"workflow_jobs": "/api/v2/workflow_jobs/"
```

```
    }
```

# Make a GET request to this resource to retrieve the list of

activity streams.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of activity streams found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more activity stream records.

## Results

Each activity stream data structure includes the following fields:

- `id`: Database ID for this activity stream. (integer)

- `type`: Data type for this activity stream. (choice)

- `url`: URL for this activity stream. (string)

- `related`: Data structure with URLs of related resources. (object)

- `summary_fields`: Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `timestamp`: (datetime)

- `operation`: The action taken with respect to the given object(s). (choice)

    - `create`: Entity Created

    - `update`: Entity Updated

    - `delete`: Entity Deleted

    - `associate`: Entity Associated with another Entity

    - `disassociate`: Entity was Disassociated with another Entity

- `changes`: A summary of the new and changed values when an object is created, updated, or deleted (json)

- `object1`: For create, update, and delete events this is the object type that was affected. For associate and disassociate events this is the object type associated or disassociated with object2. (string)

- `object2`: Unpopulated for create, update, and delete events. For associate and disassociate events this is the object type that object1 is being associated with. (string)

- `object_association`: When present, shows the field name of the role or relationship that changed. (field)

- `action_node`: The cluster node the activity took place on. (string)

- `object_type`: When present, shows the model on which the role or relationship was defined. (field)

## Sorting

To specify that activity streams are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-
```

Multiple sorting fields may be specified by separating the field names with a comma `,`:

```
?order_by=,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters ?

— version      string **Required**

### Query Parameters ?

— search      string
A search term.

— page      integer
A page number within the paginated result set.

— page_size      integer
Number of results to return per page.

# Responses

⌄ 200

GET     /api/v2/activity_stream/

## RESPONSE SAMPLES

○ 200

```
{
    "count": 2,
    "next": null,
```

```
    "previous": null,
  - "results": [
      + { … },
      + { … }
    ]
  }
```

## Make GET request to this resource to retrieve a single activity stream

record containing the following fields:

- `id` : Database ID for this activity stream. (integer)

- `type` : Data type for this activity stream. (choice)

- `url` : URL for this activity stream. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `timestamp` : (datetime)

- `operation` : The action taken with respect to the given object(s). (choice)

  - `create` : Entity Created

  - `update` : Entity Updated

  - `delete` : Entity Deleted

  - `associate` : Entity Associated with another Entity

  - `disassociate` : Entity was Disassociated with another Entity

- `changes` : A summary of the new and changed values when an object is created, updated, or deleted (json)

- `object1` : For create, update, and delete events this is the object type that was affected. For associate and disassociate events this is the object type associated or disassociated with object2. (string)

- `object2` : Unpopulated for create, update, and delete events. For associate and disassociate events this is the object type that object1 is being associated with. (string)

- `object_association` : When present, shows the field name of the role or relationship that changed. (field)

- `action_node` : The cluster node the activity took place on. (string)

- `object_type` : When present, shows the model on which the role or relationship was defined. (field)

## PARAMETERS

### Path Parameters ⑦

| version | string **Required** |
|---|---|
| id | string **Required** |

## Responses

ⅴ 200

GET    /api/v2/activity_stream/{id}/

## RESPONSE SAMPLES

○ 200

```
{
    "action_node": "awx",
 -  "changes": {
        "action": "associate",
        "object1": "user",
        "object1_pk": 2,
        "object2": "inventory",
        "object2_pk": 23,
        "relationship": "awx.main.models.rbac.Role_members"
    },
    "id": 10,
    "object1": "user",
```

```
      "object2": "inventory",
      "object_association": "role",
      "object_type": "inventory",
      "operation": "associate",
    - "related": {
      + "inventory": [ … ],
      + "role": [ … ],
      + "user": [ … ]
      },
    - "summary_fields": {
      + "inventory": [ … ],
      + "role": [ … ],
      + "user": [ … ]
      },
      "timestamp": "2018-02-01T08:00:00.000000Z",
      "type": "activity_stream",
      "url": "/api/v2/activity_stream/10/"
  }
```

# Make GET request to this resource to retrieve a single ad hoc command event

record containing the following fields:

- `id` : Database ID for this ad hoc command event. (integer)

- `type` : Data type for this ad hoc command event. (choice)

- `url` : URL for this ad hoc command event. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command event was created. (datetime)

- `modified` : Timestamp when this ad hoc command event was last modified. (datetime)

- `ad_hoc_command` : (id)

- `event` : (choice)

  - `runner_on_failed` : Host Failed

- `runner_on_ok` : Host OK
- `runner_on_unreachable` : Host Unreachable
- `runner_on_skipped` : Host Skipped
- `debug` : Debug
- `verbose` : Verbose
- `deprecated` : Deprecated
- `warning` : Warning
- `system_warning` : System Warning
- `error` : Error

- `counter` : (integer)
- `event_display` : (string)
- `event_data` : (json)
- `failed` : (boolean)
- `changed` : (boolean)
- `uuid` : (string)
- `host` : (id)
- `host_name` : (string)
- `stdout` : (string)
- `start_line` : (integer)
- `end_line` : (integer)
- `verbosity` : (integer)

PARAMETERS

## Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id      | string **Required** |

# Responses

GET    /api/v2/ad_hoc_command_events/{id}/

RESPONSE SAMPLES

○ 200

```json
{
    "ad_hoc_command": "string",
    "changed": true,
    "counter": 0,
    "created": "string",
    "end_line": 0,
    "event": "runner_on_failed",
    "event_data": { },
    "event_display": "string",
    "failed": true,
    "host": 0,
    "host_name": "string",
    "id": 0,
    "modified": "string",
    "related": "string",
    "start_line": 0,
    "stdout": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string",
    "uuid": "string",
    "verbosity": 0
}
```

Make a GET request to this resource to retrieve the list of

ad hoc commands.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of ad hoc commands found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more ad hoc command records.

## Results

Each ad hoc command data structure includes the following fields:

- `id` : Database ID for this ad hoc command. (integer)

- `type` : Data type for this ad hoc command. (choice)

- `url` : URL for this ad hoc command. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command was created. (datetime)

- `modified` : Timestamp when this ad hoc command was last modified. (datetime)

- `name` : Name of this ad hoc command. (string)

- `launch_type` : (choice)

    - `manual` : Manual

    - `relaunch` : Relaunch

    - `callback` : Callback

    - `scheduled` : Scheduled

    - `dependency` : Dependency

    - `workflow` : Workflow

    - `webhook` : Webhook

    - `sync` : Sync

- `scm` : SCM Update
- `status` : (choice)

  - `new` : New

  - `pending` : Pending

  - `waiting` : Waiting

  - `running` : Running

  - `successful` : Successful

  - `failed` : Failed

  - `error` : Error

  - `canceled` : Canceled
- `execution_environment` : The container image to be used for execution. (id)
- `failed` : (boolean)
- `started` : The date and time the job was queued for starting. (datetime)
- `finished` : The date and time the job finished execution. (datetime)
- `canceled_on` : The date and time when the cancel request was sent. (datetime)
- `elapsed` : Elapsed time in seconds that the job ran. (decimal)
- `job_explanation` : A status field to indicate the state of the job if it wasn't able to run and capture stdout (string)
- `execution_node` : The node the job executed on. (string)
- `controller_node` : The instance that managed the execution environment. (string)
- `launched_by` : (field)
- `work_unit_id` : The Receptor work unit ID associated with this job. (string)
- `job_type` : (choice)

  - `run` : Run

  - `check` : Check
- `inventory` : (id)
- `limit` : (string)
- `credential` : (id)
- `module_name` : (choice)

- `command`
- `shell`
- `yum`
- `apt`
- `apt_key`
- `apt_repository`
- `apt_rpm`
- `service`
- `group`
- `user`
- `mount`
- `ping`
- `selinux`
- `setup`
- `win_ping`
- `win_service`
- `win_updates`
- `win_group`
- `win_user`
- `module_args` : (string)
- `forks` : (integer)
- `verbosity` : (choice)
  - `0` : 0 (Normal)
  - `1` : 1 (Verbose)
  - `2` : 2 (More Verbose)
  - `3` : 3 (Debug)
  - `4` : 4 (Connection Debug)
  - `5` : 5 (WinRM Debug)
- `extra_vars` : (string)

- `become_enabled` : (boolean)

- `diff_mode` : (boolean)

## Sorting

To specify that ad hoc commands are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters  (?)

— version                          string **Required**

## Query Parameters  (?)

```
─ search          string
                  A search term.

─ page            integer
                  A page number within the paginated result set.

└ page_size       integer
                  Number of results to return per page.
```

## Responses

⌄ 200

GET   /api/v2/ad_hoc_commands/

### RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

## Make a GET request to this resource to retrieve the list of

ad hoc commands.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of ad hoc commands found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more ad hoc command records.

## Results

Each ad hoc command data structure includes the following fields:

- `id` : Database ID for this ad hoc command. (integer)

- `type` : Data type for this ad hoc command. (choice)

- `url` : URL for this ad hoc command. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command was created. (datetime)

- `modified` : Timestamp when this ad hoc command was last modified. (datetime)

- `name` : Name of this ad hoc command. (string)

- `launch_type` : (choice)

  - `manual` : Manual

  - `relaunch` : Relaunch

  - `callback` : Callback

  - `scheduled` : Scheduled

  - `dependency` : Dependency

  - `workflow` : Workflow

  - `webhook` : Webhook

  - `sync` : Sync

  - `scm` : SCM Update

- `status` : (choice)

  - `new` : New

  - `pending` : Pending

  - `waiting` : Waiting

  - `running` : Running

  - `successful` : Successful

  - `failed` : Failed

  - `error` : Error

  - `canceled` : Canceled

- `execution_environment` : The container image to be used for execution. (id)

- `failed` : (boolean)

- `started` : The date and time the job was queued for starting. (datetime)

- `finished` : The date and time the job finished execution. (datetime)

- `canceled_on` : The date and time when the cancel request was sent. (datetime)

- `elapsed` : Elapsed time in seconds that the job ran. (decimal)

- `job_explanation` : A status field to indicate the state of the job if it wasn't able to run and capture stdout (string)

- `execution_node` : The node the job executed on. (string)

- `controller_node` : The instance that managed the execution environment. (string)

- `launched_by` : (field)

- `work_unit_id` : The Receptor work unit ID associated with this job. (string)

- `job_type` : (choice)

  - `run` : Run

  - `check` : Check

- `inventory` : (id)

- `limit` : (string)

- `credential` : (id)

- `module_name` : (choice)

  - `command`

- - `shell`
  - `yum`
  - `apt`
  - `apt_key`
  - `apt_repository`
  - `apt_rpm`
  - `service`
  - `group`
  - `user`
  - `mount`
  - `ping`
  - `selinux`
  - `setup`
  - `win_ping`
  - `win_service`
  - `win_updates`
  - `win_group`
  - `win_user`
- `module_args`: (string)
- `forks`: (integer)
- `verbosity`: (choice)
  - `0`: 0 (Normal)
  - `1`: 1 (Verbose)
  - `2`: 2 (More Verbose)
  - `3`: 3 (Debug)
  - `4`: 4 (Connection Debug)
  - `5`: 5 (WinRM Debug)
- `extra_vars`: (string)
- `become_enabled`: (boolean)

- `diff_mode` : (boolean)

## Sorting

To specify that ad hoc commands are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters  (?)

— version

string **Required**

# Responses

∨ 201

POST    /api/v2/ad_hoc_commands/

RESPONSE SAMPLES

○ 201

```
{
    "become_enabled": false,
    "canceled_on": "2024-05-29T12:55:46Z",
    "controller_node": "string",
    "created": "string",
    "credential": 0,
    "diff_mode": false,
    "elapsed": "string",
    "execution_environment": 0,
    "execution_node": "string",
    "extra_vars": "",
    "failed": true,
    "finished": "2024-05-29T12:55:46Z",
    "forks": 0,
    "id": 0,
    "inventory": 0,
    "job_explanation": "string",
    "job_type": "run",
    "launch_type": "manual",
    "launched_by": "string",
    "limit": "",
    "modified": "string",
    "module_args": "",
    "module_name": "command",
    "name": "string",
    "related": "string",
    "started": "2024-05-29T12:55:46Z",
    "status": "new",
    "summary_fields": "string",
```

```
    "type": "string",
    "url": "string",
    "verbosity": 0,
    "work_unit_id": "string"
}
```

# Make GET request to this resource to retrieve a single ad hoc command

record containing the following fields:

- `id` : Database ID for this ad hoc command. (integer)

- `type` : Data type for this ad hoc command. (choice)

- `url` : URL for this ad hoc command. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command was created. (datetime)

- `modified` : Timestamp when this ad hoc command was last modified. (datetime)

- `name` : Name of this ad hoc command. (string)

- `launch_type` : (choice)

  - `manual` : Manual

  - `relaunch` : Relaunch

  - `callback` : Callback

  - `scheduled` : Scheduled

  - `dependency` : Dependency

  - `workflow` : Workflow

  - `webhook` : Webhook

  - `sync` : Sync

  - `scm` : SCM Update

- `status` : (choice)

- ○ `new` : New

- ○ `pending` : Pending

- ○ `waiting` : Waiting

- ○ `running` : Running

- ○ `successful` : Successful

- ○ `failed` : Failed

- ○ `error` : Error

- ○ `canceled` : Canceled

- `execution_environment` : The container image to be used for execution. (id)

- `failed` : (boolean)

- `started` : The date and time the job was queued for starting. (datetime)

- `finished` : The date and time the job finished execution. (datetime)

- `canceled_on` : The date and time when the cancel request was sent. (datetime)

- `elapsed` : Elapsed time in seconds that the job ran. (decimal)

- `job_args` : (string)

- `job_cwd` : (string)

- `job_env` : (json)

- `job_explanation` : A status field to indicate the state of the job if it wasn't able to run and capture stdout (string)

- `execution_node` : The node the job executed on. (string)

- `controller_node` : The instance that managed the execution environment. (string)

- `result_traceback` : (string)

- `event_processing_finished` : Indicates whether all of the events generated by this unified job have been saved to the database. (boolean)

- `launched_by` : (field)

- `work_unit_id` : The Receptor work unit ID associated with this job. (string)

- `job_type` : (choice)

- ○ `run` : Run

- ○ `check` : Check

- `inventory` : (id)

- `limit` : (string)

- `credential` : (id)

- `module_name` : (choice)

  - `command`

  - `shell`

  - `yum`

  - `apt`

  - `apt_key`

  - `apt_repository`

  - `apt_rpm`

  - `service`

  - `group`

  - `user`

  - `mount`

  - `ping`

  - `selinux`

  - `setup`

  - `win_ping`

  - `win_service`

  - `win_updates`

  - `win_group`

  - `win_user`

- `module_args` : (string)

- `forks` : (integer)

- `verbosity` : (choice)

  - `0` : 0 (Normal)

  - `1` : 1 (Verbose)

  - `2` : 2 (More Verbose)

  - `3` : 3 (Debug)

- $\circ$ `4` : 4 (Connection Debug)

- $\circ$ `5` : 5 (WinRM Debug)

- `extra_vars` : (string)

- `become_enabled` : (boolean)

- `diff_mode` : (boolean)

- `host_status_counts` : Playbook stats from the Ansible playbook_on_stats event. (json)

# Delete an Ad Hoc Command:

Make a DELETE request to this resource to delete this ad hoc command.

PARAMETERS

### Path Parameters ⑦

| version | string **Required** |
|---------|---------------------|
| id | string **Required** |

## Responses

— 204

DELETE    /api/v2/ad_hoc_commands/{id}/

# Make GET request to this resource to retrieve a single ad hoc command

record containing the following fields:

- `id` : Database ID for this ad hoc command. (integer)

- `type` : Data type for this ad hoc command. (choice)

- `url` : URL for this ad hoc command. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command was created. (datetime)

- `modified` : Timestamp when this ad hoc command was last modified. (datetime)

- `name` : Name of this ad hoc command. (string)

- `launch_type` : (choice)

    - `manual` : Manual

    - `relaunch` : Relaunch

    - `callback` : Callback

    - `scheduled` : Scheduled

    - `dependency` : Dependency

    - `workflow` : Workflow

    - `webhook` : Webhook

    - `sync` : Sync

    - `scm` : SCM Update

- `status` : (choice)

    - `new` : New

    - `pending` : Pending

    - `waiting` : Waiting

    - `running` : Running

    - `successful` : Successful

    - `failed` : Failed

    - `error` : Error

    - `canceled` : Canceled

- `execution_environment` : The container image to be used for execution. (id)

- `failed` : (boolean)

- `started` : The date and time the job was queued for starting. (datetime)

- `finished` : The date and time the job finished execution. (datetime)

- `canceled_on` : The date and time when the cancel request was sent. (datetime)

- `elapsed` : Elapsed time in seconds that the job ran. (decimal)

- `job_args` : (string)

- `job_cwd` : (string)

- `job_env` : (json)

- `job_explanation` : A status field to indicate the state of the job if it wasn't able to run and capture stdout (string)

- `execution_node` : The node the job executed on. (string)

- `controller_node` : The instance that managed the execution environment. (string)

- `result_traceback` : (string)

- `event_processing_finished` : Indicates whether all of the events generated by this unified job have been saved to the database. (boolean)

- `launched_by` : (field)

- `work_unit_id` : The Receptor work unit ID associated with this job. (string)

- `job_type` : (choice)

  - `run` : Run

  - `check` : Check

- `inventory` : (id)

- `limit` : (string)

- `credential` : (id)

- `module_name` : (choice)

  - `command`

  - `shell`

  - `yum`

  - `apt`

  - `apt_key`

  - `apt_repository`

- `apt_rpm`
- `service`
- `group`
- `user`
- `mount`
- `ping`
- `selinux`
- `setup`
- `win_ping`
- `win_service`
- `win_updates`
- `win_group`
- `win_user`

- `module_args` : (string)

- `forks` : (integer)

- `verbosity` : (choice)

  - `0` : 0 (Normal)

  - `1` : 1 (Verbose)

  - `2` : 2 (More Verbose)

  - `3` : 3 (Debug)

  - `4` : 4 (Connection Debug)

  - `5` : 5 (WinRM Debug)

- `extra_vars` : (string)

- `become_enabled` : (boolean)

- `diff_mode` : (boolean)

- `host_status_counts` : Playbook stats from the Ansible playbook_on_stats event. (json)

# Delete an Ad Hoc Command:

Make a DELETE request to this resource to delete this ad hoc command.

## PARAMETERS

### Path Parameters (?)

```
┌─  version          string Required
│
└─  id               string Required
```

## Responses

⌄ **200**

### RESPONSE SAMPLES

○ 200

```json
{
    "become_enabled": false,
    "canceled_on": "2024-05-29T12:55:46Z",
    "controller_node": "string",
    "created": "string",
    "credential": 0,
    "diff_mode": false,
    "elapsed": "string",
    "event_processing_finished": true,
    "execution_environment": 0,
    "execution_node": "string",
    "extra_vars": "",
    "failed": true,
    "finished": "2024-05-29T12:55:46Z",
    "forks": 0,
    "host_status_counts": { },
    "id": 0,
    "inventory": 0,
    "job_args": "string",
    "job_cwd": "string",
```

```
    "job_env": { },
    "job_explanation": "string",
    "job_type": "run",
    "launch_type": "manual",
    "launched_by": "string",
    "limit": "",
    "modified": "string",
    "module_args": "",
    "module_name": "command",
    "name": "string",
    "related": "string",
    "result_traceback": "string",
    "started": "2024-05-29T12:55:46Z",
    "status": "new",
    "summary_fields": "string",
    "type": "string",
    "url": "string",
    "verbosity": 0,
    "work_unit_id": "string"
  }
```

# Make a GET request to this resource to retrieve a list of

activity streams associated with the selected ad hoc command.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of activity streams found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more activity stream records.

## Results

Each activity stream data structure includes the following fields:

- `id` : Database ID for this activity stream. (integer)

- `type` : Data type for this activity stream. (choice)

- `url` : URL for this activity stream. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `timestamp` : (datetime)

- `operation` : The action taken with respect to the given object(s). (choice)

    - `create` : Entity Created

    - `update` : Entity Updated

    - `delete` : Entity Deleted

    - `associate` : Entity Associated with another Entity

    - `disassociate` : Entity was Disassociated with another Entity

- `changes` : A summary of the new and changed values when an object is created, updated, or deleted (json)

- `object1` : For create, update, and delete events this is the object type that was affected. For associate and disassociate events this is the object type associated or disassociated with object2. (string)

- `object2` : Unpopulated for create, update, and delete events. For associate and disassociate events this is the object type that object1 is being associated with. (string)

- `object_association` : When present, shows the field name of the role or relationship that changed. (field)

- `action_node` : The cluster node the activity took place on. (string)

- `object_type` : When present, shows the model on which the role or relationship was defined. (field)

## Sorting

To specify that activity streams are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

### Path Parameters ?

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

### Query Parameters ?

| | |
|---|---|
| search | string<br>A search term. |
| page | integer<br>A page number within the paginated result set. |
| page_size | integer<br>Number of results to return per page. |

# Responses

⌄ **200**

### RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

# Make GET request to this resource to retrieve a single ad hoc command

record containing the following fields:

- `can_cancel` : (boolean)

## PARAMETERS

### Path Parameters ⑦

┌ version               string **Required**
│

└ id                     string **Required**

## Responses

˅ **200**

GET    /api/v2/ad_hoc_commands/{id}/cancel/

RESPONSE SAMPLES

○ 200

```
{
    "can_cancel": true
}
```

# Make GET request to this resource to retrieve a single ad hoc command

record containing the following fields:

- `can_cancel` : (boolean)

PARAMETERS

Path Parameters  (?)

┌ version                string **Required**

└ id                     string **Required**

## Responses

∨ **201**

POST    /api/v2/ad_hoc_commands/{id}/cancel/

REQUEST SAMPLES

```
{ }
```

RESPONSE SAMPLES

⊙ 201

```
{
    "can_cancel": true
}
```

# Make a GET request to this resource to retrieve a list of

ad hoc command events associated with the selected ad hoc command.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
```

```
        "previous": null,
        "results": [
                ...
        ]
}
```

The `count` field indicates the total number of ad hoc command events found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more ad hoc command event records.

## Results

Each ad hoc command event data structure includes the following fields:

- `id` : Database ID for this ad hoc command event. (integer)

- `type` : Data type for this ad hoc command event. (choice)

- `url` : URL for this ad hoc command event. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this ad hoc command event was created. (datetime)

- `modified` : Timestamp when this ad hoc command event was last modified. (datetime)

- `ad_hoc_command` : (id)

- `event` : (choice)

    - `runner_on_failed` : Host Failed

    - `runner_on_ok` : Host OK

    - `runner_on_unreachable` : Host Unreachable

    - `runner_on_skipped` : Host Skipped

    - `debug` : Debug

    - `verbose` : Verbose

    - `deprecated` : Deprecated

    - `warning` : Warning

    - `system_warning` : System Warning

    - `error` : Error

- `counter` : (integer)

- `event_display` : (string)

- `event_data` : (json)

- `failed` : (boolean)

- `changed` : (boolean)

- `uuid` : (string)

- `host` : (id)

- `host_name` : (string)

- `stdout` : (string)

- `start_line` : (integer)

- `end_line` : (integer)

- `verbosity` : (integer)

## Sorting

To specify that ad hoc command events are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id | string **Required** |

### Query Parameters  (?)

| search | string<br>A search term. |
|--------|--------------------------|
| page | integer<br>A page number within the paginated result set. |
| page_size | integer<br>Number of results to return per page. |

# Responses

⌄ 200

GET    /api/v2/ad_hoc_commands/{id}/events/

## RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
```

```
      "next": "http://example.com",
      "previous": "http://example.com",
    - "results": [
        + { … }
      ]
  }
```

---

# Make a GET request to this resource to retrieve a list of

notifications associated with the selected ad hoc command.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of notifications found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more notification records.

## Results

Each notification data structure includes the following fields:

- `id` : Database ID for this notification. (integer)

- `type` : Data type for this notification. (choice)

- `url` : URL for this notification. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this notification was created. (datetime)

- `modified` : Timestamp when this notification was last modified. (datetime)

- `notification_template` : (id)

- `error` : (string)

- `status` : (choice)

  - `pending` : Pending

  - `successful` : Successful

  - `failed` : Failed

- `notifications_sent` : (integer)

- `notification_type` : (choice)

  - `email` : Email

  - `grafana` : Grafana

  - `irc` : IRC

  - `mattermost` : Mattermost

  - `pagerduty` : Pagerduty

  - `rocketchat` : Rocket.Chat

  - `slack` : Slack

  - `twilio` : Twilio

  - `webhook` : Webhook

- `recipients` : (string)

- `subject` : (string)

- `body` : Notification body (json)

## Sorting

To specify that notifications are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters (?)

| version | string **Required** |
|---------|---------------------|
| id | string **Required** |

Query Parameters (?)

| search | string |
|--------|--------|
| | A search term. |
| page | integer |
| | A page number within the paginated result set. |
| page_size | integer |
| | Number of results to return per page. |

## Responses

⌄ 200

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

Make a POST request to this resource to launch a job. If any passwords or variables are required then they should be passed in via POST data. In order to determine what values are required in order to launch a job based on this job template you may make a GET request to this endpoint.

PARAMETERS

Path Parameters  (?)

version                        string **Required**

id                             string **Required**

Query Parameters  (?)

search                         string

A search term.

page | integer
A page number within the paginated result set.

page_size | integer
Number of results to return per page.

## Responses

⌄ 200

GET   /api/v2/ad_hoc_commands/{id}/relaunch/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
        { }
    ]
}
```

Make a POST request to this resource to launch a job. If
any passwords or variables are required then they should
be passed in via POST data. In order to determine what
values are required in order to launch a job based on this

job template you may make a GET request to this
endpoint.

## PARAMETERS

### Path Parameters   (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## REQUEST BODY

AdHocCommandRelaunch (object)

## Responses

ᐯ 201

POST    /api/v2/ad_hoc_commands/{id}/relaunch/

## REQUEST SAMPLES

{ }

## RESPONSE SAMPLES

◌ 201

```
{ }
```

# Make GET request to this resource to retrieve the stdout from running this

ad hoc command.

## Format

Use the `format` query string parameter to specify the output format.

- Browsable API: `?format=api`

- HTML: `?format=html`

- Plain Text: `?format=txt`

- Plain Text with ANSI color codes: `?format=ansi`

- JSON structure: `?format=json`

- Downloaded Plain Text: `?format=txt_download`

- Downloaded Plain Text with ANSI color codes: `?format=ansi_download`

(*New in Ansible Tower 2.0.0*) When using the Browsable API, HTML and JSON formats, the `start_line` and `end_line` query string parameters can be used to specify a range of line numbers to retrieve.

Use `dark=1` or `dark=0` as a query string parameter to force or disable a dark background.

Files over 1.0 MB (configurable) will not display in the browser. Use the `txt_download` or `ansi_download` formats to download the file directly to view it.

PARAMETERS

Path Parameters  ?

version                     string **Required**

id                          string **Required**

# Responses

⌄ **200**

GET     /api/v2/ad_hoc_commands/{id}/stdout/

RESPONSE SAMPLES

○ 200

```
{
    "result_stdout": "string"
}
```

---

# No Description for get on /api/{version}/analytics/

PARAMETERS

## Path Parameters ⑦

— version        string **Required**

# Responses

— **200**

## No Description for get on /api/{version}/analytics/adoption_rate/

PARAMETERS

Path Parameters    ?

—    version

string **Required**

## Responses

—  200

## No Description for post on /api/{version}/analytics/adoption_rate/

PARAMETERS

Path Parameters    ?

— version     string **Required**

## Responses

— **201**

POST    /api/v2/analytics/adoption_rate/

---

# No Description for get on /api/{version}/analytics/adoption_rate_options/

PARAMETERS

### Path Parameters ⑦

— version     string **Required**

## Responses

— **200**

GET    /api/v2/analytics/adoption_rate_options/

# No Description for post on /api/{version}/analytics/adoption_rate_options/

**Path Parameters** (?)

— version                string **Required**

## Responses

— 201

POST    /api/v2/analytics/adoption_rate_options/

# No Description for get on /api/{version}/analytics/authorized/

**Path Parameters** (?)

— version                string **Required**

## Responses

— 200

## No Description for post on /api/{version}/analytics/authorized/

PARAMETERS

### Path Parameters  ⑦

— version

string **Required**

## Responses

— 201

## No Description for get on /api/{version}/analytics/event_explorer/

## Path Parameters  (?)

— version

string **Required**

## Responses

— 200

GET  /api/v2/analytics/event_explorer/

# No Description for post on /api/{version}/analytics/event_explorer/

## Path Parameters  (?)

— version

string **Required**

## Responses

— 201

POST    /api/v2/analytics/event_explorer/

# No Description for get on /api/{version}/analytics/event_explorer_options/

PARAMETERS

Path Parameters    (?)

— version                      string **Required**

## Responses

— 200

GET    /api/v2/analytics/event_explorer_options/

# No Description for post on /api/{version}/analytics/event_explorer_options/

PARAMETERS

Path Parameters    (?)

— version       string **Required**

## Responses

— 201

# No Description for get on /api/{version}/analytics/host_explorer/

## PARAMETERS

### Path Parameters ?

— version       string **Required**

## Responses

— 200

# No Description for post on /api/{version}/analytics/host_explorer/

## PARAMETERS

### Path Parameters ⑦

— version          string **Required**

## Responses

— 201

POST     /api/v2/analytics/host_explorer/

# No Description for get on /api/{version}/analytics/host_explorer_options/

## PARAMETERS

### Path Parameters ⑦

— version          string **Required**

## Responses

─ **200**

## No Description for post on /api/{version}/analytics/host_explorer_options/

PARAMETERS

### Path Parameters  ⑦

─  version

string **Required**

## Responses

─  **201**

## No Description for get on /api/{version}/analytics/job_explorer/

Path Parameters ?

— version                       string **Required**

Responses

— 200

GET    /api/v2/analytics/job_explorer/

# No Description for post on /api/{version}/analytics/job_explorer/

PARAMETERS

Path Parameters ?

— version                       string **Required**

Responses

— 201

POST     /api/v2/analytics/job_explorer/

# No Description for get on /api/{version}/analytics/job_explorer_options/

PARAMETERS

Path Parameters  ?

— version          string **Required**

## Responses

— 200

GET     /api/v2/analytics/job_explorer_options/

# No Description for post on /api/{version}/analytics/job_explorer_options/

PARAMETERS

Path Parameters  ?

—  version                    string **Required**

## Responses

—  201

POST    /api/v2/analytics/job_explorer_options/

# No Description for get on /api/{version}/analytics/probe_template_for_hosts/

PARAMETERS

Path Parameters  (?)

—  version                    string **Required**

## Responses

—  200

GET    /api/v2/analytics/probe_template_for_hosts/

# No Description for post on /api/{version}/analytics/probe_template_for_hosts/

PARAMETERS

Path Parameters  (?)

— version

string **Required**

## Responses

— 201

POST    /api/v2/analytics/probe_template_for_hosts/

# No Description for get on /api/{version}/analytics/probe_template_for_hosts_options/

PARAMETERS

Path Parameters  (?)

— version

string **Required**

## Responses

— 200

## No Description for post on /api/{version}/analytics/probe_template_for_hosts_options/

PARAMETERS

### Path Parameters ⑦

— version

string **Required**

## Responses

— 201

## No Description for get on /api/{version}/analytics/probe_templates/

## Path Parameters  (?)

—  version                    string **Required**

## Responses

—  200

GET     /api/v2/analytics/probe_templates/

# No Description for post on /api/{version}/analytics/probe_templates/

## Path Parameters  (?)

—  version                    string **Required**

## Responses

—  201

POST    /api/v2/analytics/probe_templates/

# No Description for get on /api/{version}/analytics/probe_templates_options/

Path Parameters   (?)

— version

string **Required**

## Responses

— 200

GET    /api/v2/analytics/probe_templates_options/

# No Description for post on /api/{version}/analytics/probe_templates_options/

Path Parameters   (?)

— version                     string **Required**
_____

## Responses

— 201

POST     /api/v2/analytics/probe_templates_options/

_____

# No Description for get on /api/{version}/analytics/report/{slug}/

PARAMETERS
_____

Path Parameters     (?)

┌─ version           string **Required**
│                    _____
└─ slug              string **Required**
                     _____

## Responses

— 200

GET     /api/v2/analytics/report/{slug}/

# No Description for post on /api/{version}/analytics/report/{slug}/

PARAMETERS

Path Parameters ⓘ

| version | string **Required** |
| slug | string **Required** |

## Responses

— 201

POST    /api/v2/analytics/report/{slug}/

# No Description for get on /api/{version}/analytics/report_options/

PARAMETERS

Path Parameters ⓘ

— version    string **Required**

## Responses

— 200

## No Description for post on /api/{version}/analytics/report_options/

PARAMETERS

### Path Parameters  ⓘ

— version

string **Required**

## Responses

— 201

## No Description for get on /api/{version}/analytics/reports/

Path Parameters   (?)

— version   string **Required**

Responses

— 200

GET   /api/v2/analytics/reports/

# No Description for post on /api/{version}/analytics/reports/

Path Parameters   (?)

— version   string **Required**

Responses

— 201

POST   /api/v2/analytics/reports/

# No Description for get on /api/{version}/analytics/roi_templates/

PARAMETERS

Path Parameters  (?)

— version

string **Required**

## Responses

— 200

GET    /api/v2/analytics/roi_templates/

# No Description for post on /api/{version}/analytics/roi_templates/

PARAMETERS

Path Parameters  (?)

— version

string **Required**

## Responses

— 201

# No Description for get on /api/{version}/analytics/roi_templates_options/

## PARAMETERS

### Path Parameters  (?)

— version

string **Required**

## Responses

— 200

GET    /api/v2/analytics/roi_templates_options/

# No Description for post on /api/{version}/analytics/roi_templates_options/

## Path Parameters  (?)

— version

string **Required**

## Responses

— 201

POST    /api/v2/analytics/roi_templates_options/

---

# Make a GET request to this resource to retrieve the list of

applications.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of applications found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more application records.

# Results

Each application data structure includes the following fields:

- `id`: Database ID for this application. (integer)

- `type`: Data type for this application. (choice)

- `url`: URL for this application. (string)

- `related`: Data structure with URLs of related resources. (object)

- `summary_fields`: Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created`: Timestamp when this application was created. (datetime)

- `modified`: Timestamp when this application was last modified. (datetime)

- `name`: Name of this application. (string)

- `description`: Optional description of this application. (string)

- `client_id`: (string)

- `client_secret`: Used for more stringent verification of access to an application when creating a token. (string)

- `client_type`: Set to Public or Confidential depending on how secure the client device is. (choice)

  - `confidential`: Confidential

  - `public`: Public

- `redirect_uris`: Allowed URIs list, space separated (string)

- `authorization_grant_type`: The Grant type the user must use for acquire tokens for this application. (choice)

  - `authorization-code`: Authorization code

  - `password`: Resource owner password-based

- `skip_authorization`: Set True to skip authorization step for completely trusted applications. (boolean)

- `organization`: Organization containing this application. (id)

## Sorting

To specify that applications are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,`:

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters ⑦

— version                string **Required**

Query Parameters ⑦

┌─ search                string
│                        A search term.
│
├─ page                  integer
│                        A page number within the paginated result set.
│
└─ page_size             integer
                         Number of results to return per page.

# Responses

## ⌄ 200

GET   /api/v2/applications/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

# Make a GET request to this resource to retrieve the list of

applications.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of applications found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The

`results` list contains zero or more application records.

## Results

Each application data structure includes the following fields:

- `id` : Database ID for this application. (integer)

- `type` : Data type for this application. (choice)

- `url` : URL for this application. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this application was created. (datetime)

- `modified` : Timestamp when this application was last modified. (datetime)

- `name` : Name of this application. (string)

- `description` : Optional description of this application. (string)

- `client_id` : (string)

- `client_secret` : Used for more stringent verification of access to an application when creating a token. (string)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice)

    - `confidential` : Confidential

    - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice)

    - `authorization-code` : Authorization code

    - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean)

- `organization` : Organization containing this application. (id)

## Sorting

To specify that applications are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

# Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

# Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters  (?)

— version          string **Required**

## REQUEST BODY

┌─  authorization_grant_type     Authorization Grant Type (string) **Required** **Nullable**
│                                Valid values:  `"authorization-code"`  `"password"`
│
```

The Grant type the user must use for acquire tokens for this application.

client_type

Client Type (string) **Required** **Nullable**

Valid values: `"confidential"` `"public"`

Set to Public or Confidential depending on how secure the client device is.

description

Description (string) **Nullable**

Default: `""`

name

Name (string)   <= 255 characters   **Required** **Nullable**

organization

Organization (integer) **Required**

Organization containing this application.

redirect_uris

Redirect URIs (string) **Nullable**

Allowed URIs list, space separated

skip_authorization

Skip Authorization (boolean) **Nullable**

Default: `false`

Set True to skip authorization step for completely trusted applications.

## Responses

∨ 201

POST    /api/v2/applications/

REQUEST SAMPLES

```
{
    "authorization_grant_type": "authorization-code",
    "client_type": "confidential",
    "description": "",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
```

```
      "skip_authorization": false
  }
```

RESPONSE SAMPLES

◦ 201

```
{
    "authorization_grant_type": "authorization-code",
    "client_id": "string",
    "client_secret": "string",
    "client_type": "confidential",
    "created": "string",
    "description": "",
    "id": 0,
    "modified": "string",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
    "related": "string",
    "skip_authorization": false,
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single application

record containing the following fields:

- `id` : Database ID for this application. (integer)

- `type` : Data type for this application. (choice)

- `url` : URL for this application. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this application was created. (datetime)

- `modified` : Timestamp when this application was last modified. (datetime)

- `name` : Name of this application. (string)

- `description` : Optional description of this application. (string)

- `client_id` : (string)

- `client_secret` : Used for more stringent verification of access to an application when creating a token. (string)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice)

  - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean)

- `organization` : Organization containing this application. (id)

# Update an Application:

Make a PUT or PATCH request to this resource to update this application. The following fields may be modified:

- `name` : Name of this application. (string, required)

- `description` : Optional description of this application. (string, default=`""`)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice, required)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string, default=`""`)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice, required)

- - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean, default= `False` )

- `organization` : Organization containing this application. (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Application:

Make a DELETE request to this resource to delete this application.

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id      | string **Required** |

Responses

— 204

DELETE   /api/v2/applications/{id}/

# Make GET request to this resource to retrieve a single application

record containing the following fields:

- `id` : Database ID for this application. (integer)

- `type` : Data type for this application. (choice)

- `url` : URL for this application. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this application was created. (datetime)

- `modified` : Timestamp when this application was last modified. (datetime)

- `name` : Name of this application. (string)

- `description` : Optional description of this application. (string)

- `client_id` : (string)

- `client_secret` : Used for more stringent verification of access to an application when creating a token. (string)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice)

  - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean)

- `organization` : Organization containing this application. (id)

# Update an Application:

Make a PUT or PATCH request to this resource to update this application. The following fields may be modified:

- `name` : Name of this application. (string, required)

- `description` : Optional description of this application. (string, default=`""` )

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice, required)

- - $\circ$ `confidential` : Confidential
  - $\circ$ `public` : Public
- `redirect_uris` : Allowed URIs list, space separated (string, default=`""` )
- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice, required)
  - $\circ$ `authorization-code` : Authorization code
  - $\circ$ `password` : Resource owner password-based
- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean, default=`False` )
- `organization` : Organization containing this application. (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Application:

Make a DELETE request to this resource to delete this application.

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id      | string **Required** |

Responses

$\vee$ 200

GET  /api/v2/applications/{id}/

RESPONSE SAMPLES

○ 200

```
{
    "authorization_grant_type": "authorization-code",
    "client_id": "string",
    "client_secret": "string",
    "client_type": "confidential",
    "created": "string",
    "description": "",
    "id": 0,
    "modified": "string",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
    "related": "string",
    "skip_authorization": false,
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single application

record containing the following fields:

- `id` : Database ID for this application. (integer)

- `type` : Data type for this application. (choice)

- `url` : URL for this application. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this application was created. (datetime)

- `modified` : Timestamp when this application was last modified. (datetime)

- `name` : Name of this application. (string)

- `description` : Optional description of this application. (string)

- `client_id` : (string)

- `client_secret` : Used for more stringent verification of access to an application when creating a token. (string)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice)

  - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean)

- `organization` : Organization containing this application. (id)

## Update an Application:

Make a PUT or PATCH request to this resource to update this application. The following fields may be modified:

- `name` : Name of this application. (string, required)

- `description` : Optional description of this application. (string, default=`""` )

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice, required)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string, default=`""` )

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice, required)

  - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean, default= `False` )

- `organization` : Organization containing this application. (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Application:

Make a DELETE request to this resource to delete this application.

## PARAMETERS

### Path Parameters  (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## REQUEST BODY

| | |
|---|---|
| authorization_grant_type | Authorization Grant Type (string) **Required** **Nullable**<br>Valid values: `"authorization-code"` `"password"`<br>The Grant type the user must use for acquire tokens for this application. |
| client_type | Client Type (string) **Required** **Nullable**<br>Valid values: `"confidential"` `"public"`<br>Set to Public or Confidential depending on how secure the client device is. |
| description | Description (string) **Nullable**<br>Default: `""` |
| name | Name (string)   <= 255 characters   **Required** **Nullable** |
| organization | Organization (integer) **Required**<br>Organization containing this application. |
| redirect_uris | Redirect URIs (string) **Nullable**<br>Allowed URIs list, space separated |
| skip_authorization | Skip Authorization (boolean) **Nullable**<br>Default: `false` |

Set True to skip authorization step for completely trusted applications.

## Responses

∨ **200**

PATCH /api/v2/applications/{id}/

### REQUEST SAMPLES

```
{
    "authorization_grant_type": "authorization-code",
    "client_type": "confidential",
    "description": "",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
    "skip_authorization": false
}
```

### RESPONSE SAMPLES

○ 200

```
{
    "authorization_grant_type": "authorization-code",
    "client_id": "string",
    "client_secret": "string",
    "client_type": "confidential",
    "created": "string",
    "description": "",
    "id": 0,
    "modified": "string",
    "name": "string",
```

```
    "organization": 0,
    "redirect_uris": "string",
    "related": "string",
    "skip_authorization": false,
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single application

record containing the following fields:

- `id` : Database ID for this application. (integer)

- `type` : Data type for this application. (choice)

- `url` : URL for this application. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this application was created. (datetime)

- `modified` : Timestamp when this application was last modified. (datetime)

- `name` : Name of this application. (string)

- `description` : Optional description of this application. (string)

- `client_id` : (string)

- `client_secret` : Used for more stringent verification of access to an application when creating a token. (string)

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string)

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice)

- `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean)

- `organization` : Organization containing this application. (id)

# Update an Application:

Make a PUT or PATCH request to this resource to update this application. The following fields may be modified:

- `name` : Name of this application. (string, required)

- `description` : Optional description of this application. (string, default=`""` )

- `client_type` : Set to Public or Confidential depending on how secure the client device is. (choice, required)

  - `confidential` : Confidential

  - `public` : Public

- `redirect_uris` : Allowed URIs list, space separated (string, default=`""` )

- `authorization_grant_type` : The Grant type the user must use for acquire tokens for this application. (choice, required)

  - `authorization-code` : Authorization code

  - `password` : Resource owner password-based

- `skip_authorization` : Set True to skip authorization step for completely trusted applications. (boolean, default=`False` )

- `organization` : Organization containing this application. (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Application:

Make a DELETE request to this resource to delete this application.

---

PARAMETERS

---

Path Parameters  ?

version                              string **Required**

```
 └── id                          string **Required**
```

---

REQUEST BODY

---

```
 ┌── authorization_grant_type    Authorization Grant Type (string) **Required** **Nullable**
 │                               Valid values:  `"authorization-code"`  `"password"`
 │                               The Grant type the user must use for acquire tokens for this
 │                               application.
 │                               ────────────────────────────────────────────────
 ├── client_type                 Client Type (string) **Required** **Nullable**
 │                               Valid values:  `"confidential"`  `"public"`
 │                               Set to Public or Confidential depending on how secure the client
 │                               device is.
 │                               ────────────────────────────────────────────────
 ├── description                 Description (string) **Nullable**
 │                               Default:  `""`
 │                               ────────────────────────────────────────────────
 ├── name                        Name (string)   <= 255 characters   **Required** **Nullable**
 │                               ────────────────────────────────────────────────
 ├── organization                Organization (integer) **Required**
 │                               Organization containing this application.
 │                               ────────────────────────────────────────────────
 ├── redirect_uris               Redirect URIs (string) **Nullable**
 │                               Allowed URIs list, space separated
 │                               ────────────────────────────────────────────────
 └── skip_authorization          Skip Authorization (boolean) **Nullable**
                                 Default:  `false`
                                 Set True to skip authorization step for completely trusted
                                 applications.
                                 ────────────────────────────────────────────────
```

# Responses

✓ 200

PUT    /api/v2/applications/{id}/

REQUEST SAMPLES

```
{
    "authorization_grant_type": "authorization-code",
    "client_type": "confidential",
    "description": "",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
    "skip_authorization": false
}
```

RESPONSE SAMPLES

○ 200

```
{
    "authorization_grant_type": "authorization-code",
    "client_id": "string",
    "client_secret": "string",
    "client_type": "confidential",
    "created": "string",
    "description": "",
    "id": 0,
    "modified": "string",
    "name": "string",
    "organization": 0,
    "redirect_uris": "string",
    "related": "string",
    "skip_authorization": false,
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make a GET request to this resource to retrieve a list of

activity streams associated with the selected application.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of activity streams found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more activity stream records.

## Results

Each activity stream data structure includes the following fields:

- `id` : Database ID for this activity stream. (integer)

- `type` : Data type for this activity stream. (choice)

- `url` : URL for this activity stream. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `timestamp` : (datetime)

- `operation` : The action taken with respect to the given object(s). (choice)

  - `create` : Entity Created

  - `update` : Entity Updated

  - `delete` : Entity Deleted

  - `associate` : Entity Associated with another Entity

  - `disassociate` : Entity was Disassociated with another Entity

- `changes` : A summary of the new and changed values when an object is created, updated, or deleted (json)

- `object1` : For create, update, and delete events this is the object type that was affected. For associate and disassociate events this is the object type associated or disassociated with object2. (string)

- `object2` : Unpopulated for create, update, and delete events. For associate and disassociate events this is the object type that object1 is being associated with. (string)

- `object_association` : When present, shows the field name of the role or relationship that changed. (field)

- `action_node` : The cluster node the activity took place on. (string)

- `object_type` : When present, shows the model on which the role or relationship was defined. (field)

## Sorting

To specify that activity streams are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
|---|---|
| id | string **Required** |

## Query Parameters (?)

| search | string |
|---|---|
| | A search term. |
| page | integer |
| | A page number within the paginated result set. |
| page_size | integer |
| | Number of results to return per page. |

# Responses

⌄ 200

GET    /api/v2/applications/{id}/activity_stream/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
}
```

# Make a GET request to this resource to retrieve a list of

access tokens associated with the selected application.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of access tokens found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more access token records.

## Results

Each access token data structure includes the following fields:

- `id` : Database ID for this access token. (integer)

- `type` : Data type for this access token. (choice)

- `url` : URL for this access token. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this access token was created. (datetime)

- `modified` : Timestamp when this access token was last modified. (datetime)

- `description` : Optional description of this access token. (string)

- `user` : The user representing the token owner (id)

- `token` : (string)

- `refresh_token` : (field)

- `application` : (id)

- `expires` : (datetime)

- `scope` : Allowed scopes, further restricts user's permissions. Must be a simple space-separated string with allowed scopes ['read', 'write']. (string)

## Sorting

To specify that access tokens are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

### Path Parameters  (?)

version                    string **Required**

id                         string **Required**

## Query Parameters ⓘ

| | | |
|---|---|---|
| search | string | |
| | A search term. | |
| page | integer | |
| | A page number within the paginated result set. | |
| page_size | integer | |
| | Number of results to return per page. | |

## Responses

⌄ 200

GET    /api/v2/applications/{id}/tokens/

RESPONSE SAMPLES

◦ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
}
```

## Make a GET request to this resource to retrieve a list of

access tokens associated with the selected application.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of access tokens found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more access token records.

## Results

Each access token data structure includes the following fields:

- `id`: Database ID for this access token. (integer)

- `type`: Data type for this access token. (choice)

- `url`: URL for this access token. (string)

- `related`: Data structure with URLs of related resources. (object)

- `summary_fields`: Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created`: Timestamp when this access token was created. (datetime)

- `modified`: Timestamp when this access token was last modified. (datetime)

- `description`: Optional description of this access token. (string)

- `user`: The user representing the token owner (id)

- `token`: (string)

- `refresh_token`: (field)

- `application`: (id)

- `expires`: (datetime)

- `scope`: Allowed scopes, further restricts user's permissions. Must be a simple space-separated string with allowed scopes ['read', 'write']. (string)

## Sorting

To specify that access tokens are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters ⑦

| version | string **Required** |
| id | string **Required** |

REQUEST BODY

| application | Application (integer) **Nullable** |

| | description | Description (string) **Nullable** |
| | | Default: `""` |

| | scope | Scope (string) **Nullable** |
| | | Default: `"write"` |
| | | Allowed scopes, further restricts user's permissions. Must be a simple space-separated string with allowed scopes ['read', 'write']. |

# Responses

⌄ **201**

POST    /api/v2/applications/{id}/tokens/

REQUEST SAMPLES

```
{
    "application": 0,
    "description": "",
    "scope": "write"
}
```

RESPONSE SAMPLES

○ 201

```
{
    "application": 0,
    "created": "string",
    "description": "",
    "expires": "2024-05-29T12:55:48Z",
    "id": 0,
    "modified": "string",
    "refresh_token": "string",
    "related": "string",
```

```
      "scope": "write",
      "summary_fields": "string",
      "token": "string",
      "type": "string",
      "url": "string",
      "user": 0
    }
```

# List enabled single-sign-on endpoints

PARAMETERS

Path Parameters  (?)

— version

string **Required**

## Responses

— 200

GET    /api/v2/auth/

# List top level resources

PARAMETERS

Path Parameters  (?)

─ version

string **Required**

## Responses

─ **200**

GET /api/v2/bulk/

---

This endpoint allows the client to create multiple hosts and associate them with an inventory. They may do this by providing the inventory ID and a list of json that would normally be provided to create hosts.

PARAMETERS

### Path Parameters ?

─ version

string **Required**

### Query Parameters ?

┌─ search

string

A search term.

├─ page

integer

A page number within the paginated result set.

└─ page_size

integer

Number of results to return per page.

## Responses

⌄ **200**

GET      /api/v2/bulk/host_create/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

This endpoint allows the client to create multiple hosts and associate them with an inventory. They may do this by providing the inventory ID and a list of json that would normally be provided to create hosts.

## PARAMETERS

**Path Parameters** ?

— version

string **Required**

## REQUEST BODY

| hosts ⌄ | Array of BulkHost **Required** |
| | List of hosts to be created, JSON. e.g. [{"name": "example.com"}, {"name": "127.0.0.1"}] |
| inventory | Inventory (integer) **Required** |
| | Primary Key ID of inventory to add hosts to. |

## Responses

⌄ 201

POST    /api/v2/bulk/host_create/

REQUEST SAMPLES

```
{
  - "hosts": [
      + { … }
    ],
    "inventory": 0
}
```

RESPONSE SAMPLES

○ 201

```
{
  - "hosts": [
      + { … }
    ],
    "inventory": 0
}
```

```
}
```

# This endpoint allows the client to delete multiple hosts from inventories.

They may do this by providing a list of hosts ID's to be deleted.

## PARAMETERS

**Path Parameters**  (?)

— version                string **Required**

**Query Parameters**  (?)

⌐  search                string
│                        A search term.

├  page                  integer
│                        A page number within the paginated result set.

└  page_size             integer
                         Number of results to return per page.

## Responses

˅ 200

GET      /api/v2/bulk/host_delete/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

# This endpoint allows the client to delete multiple hosts from inventories.

They may do this by providing a list of hosts ID's to be deleted.

PARAMETERS

## Path Parameters  (?)

— version

string **Required**

REQUEST BODY

— hosts

Array of string **Required**

List of hosts ids to be deleted, e.g. [105, 130, 131, 200]

## Responses

⌄ 201

POST    /api/v2/bulk/host_delete/

REQUEST SAMPLES

```
{
  - "hosts": [
        "string"
    ]
}
```

RESPONSE SAMPLES

○ 201

```
{
  - "hosts": [
        "string"
    ]
}
```

This endpoint allows the client to launch multiple UnifiedJobTemplates at a time, along side any launch time parameters that they would normally set at launch time.

PARAMETERS

Path Parameters  ?

—   version                    string **Required**

## Query Parameters ( ? )

| | | |
|---|---|---|
| ├ search | string | A search term. |
| ├ page | integer | A page number within the paginated result set. |
| └ page_size | integer | Number of results to return per page. |

## Responses

⌄ **200**

GET    /api/v2/bulk/job_launch/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
}
```

# This endpoint allows the client to launch multiple UnifiedJobTemplates at a time, along side any launch

time parameters that they would normally set at launch time.

PARAMETERS

Path Parameters ?

— version                    string **Required**

REQUEST BODY

— description          Description (string)    non-empty

— extra_vars           Extra vars (object)

— inventory            Inventory (integer)

— job_tags             Job tags (string)    non-empty

— **jobs** ⌄           Array of BulkJobNode **Required**
                       List of jobs to be launched, JSON. e.g. [{"unified_job_template": 7},
                       {"unified_job_template": 10}]

— limit                Limit (string)    non-empty

— name                 Name (string)    <= 512 characters
                       Default: `"Bulk Job Launch"`

— organization         Organization (integer) **Nullable**
                       Inherit permissions from this organization. If not provided, a organization the
                       user is a member of will be selected automatically.

— scm_branch           Scm branch (string)    non-empty

— skip_tags            Skip tags (string)    non-empty

Responses

⌄ 201

POST    /api/v2/bulk/job_launch/

```json
{
    "description": "string",
    "extra_vars": { },
    "inventory": 0,
    "job_tags": "string",
  - "jobs": [
      + { … }
    ],
    "limit": "string",
    "name": "Bulk Job Launch",
    "organization": 0,
    "scm_branch": "string",
    "skip_tags": "string"
}
```

○ 201

```json
{
    "description": "string",
    "extra_vars": { },
    "inventory": 0,
    "job_tags": "string",
  - "jobs": [
      + { … }
    ],
    "limit": "string",
    "name": "Bulk Job Launch",
    "organization": 0,
    "scm_branch": "string",
    "skip_tags": "string"
```

```
    }
```

# Make a GET request to this resource to retrieve the configuration containing

the following fields (some fields may not be visible to all users):

- `project_base_dir` : Path on the server where projects and playbooks are stored.

- `project_local_paths` : List of directories beneath `project_base_dir` to use when creating/editing a manual project.

- `time_zone` : The configured time zone for the server.

- `license_info` : Information about the current license.

- `version` : Version of Ansible Tower package installed.

- `custom_virtualenvs` : Deprecated venv locations from before migration to execution environments. Export tooling is in `awx-manage` commands.

- `eula` : The current End-User License Agreement

# Install or update an existing license

(*New in Ansible Tower 2.0.0*) Make a POST request to this resource as a super user to install or update the existing license. The license data itself can be POSTed as a normal json data structure.

(*New in Ansible Tower 2.1.1*) The POST must include a `eula_accepted` boolean element indicating acceptance of the End-User License Agreement.

# Delete an existing license

(*New in Ansible Tower 2.0.0*) Make a DELETE request to this resource as a super user to delete the existing license

PARAMETERS

Path Parameters (?)

— version                        string **Required**

## Responses

— 204

DELETE    /api/v2/config/

# Return various sitewide configuration settings

PARAMETERS

Path Parameters    (?)

— version          string **Required**

## Responses

— 200

GET    /api/v2/config/

Make a GET request to this resource to retrieve the configuration containing

the following fields (some fields may not be visible to all users):

- `project_base_dir` : Path on the server where projects and playbooks are stored.

- `project_local_paths` : List of directories beneath `project_base_dir` to use when creating/editing a manual project.

- `time_zone` : The configured time zone for the server.

- `license_info` : Information about the current license.

- `version` : Version of Ansible Tower package installed.

- `custom_virtualenvs` : Deprecated venv locations from before migration to execution environments. Export tooling is in `awx-manage` commands.

- `eula` : The current End-User License Agreement

# Install or update an existing license

(*New in Ansible Tower 2.0.0*) Make a POST request to this resource as a super user to install or update the existing license. The license data itself can be POSTed as a normal json data structure.

(*New in Ansible Tower 2.1.1*) The POST must include a `eula_accepted` boolean element indicating acceptance of the End-User License Agreement.

# Delete an existing license

(*New in Ansible Tower 2.0.0*) Make a DELETE request to this resource as a super user to delete the existing license

PARAMETERS

Path Parameters  (?)

— version

string **Required**

Responses

— 201

POST    /api/v2/config/

# No Description for post on /api/{version}/config/attach/

PARAMETERS

Path Parameters  (?)

— version                        string **Required**

## Responses

— 201

POST    /api/v2/config/attach/

# No Description for post on /api/{version}/config/subscriptions/

PARAMETERS

Path Parameters  (?)

## Responses

— 201

POST     /api/v2/config/subscriptions/

# Make a GET request to this resource to retrieve the list of

inventories.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of inventories found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more inventory records.

## Results

Each inventory data structure includes the following fields:

- `id` : Database ID for this inventory. (integer)

- `type` : Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

    - `""` : Hosts have a direct link to this inventory.

    - `smart` : Hosts for inventory generated using the host_filter property.

    - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups` : This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources` : This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources` : Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures` : Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion` : Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

## Sorting

To specify that inventories are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters   ⑦

—   version        string **Required**

### Query Parameters   ⑦

┌   search        string
│                 A search term.
│
├   page        integer
│                 A page number within the paginated result set.
│
└   page_size        integer
                   Number of results to return per page.

## Responses

⌄ 200

GET     /api/v2/constructed_inventories/

### RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

# Make a GET request to this resource to retrieve the list of

inventories.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of inventories found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more inventory records.

## Results

Each inventory data structure includes the following fields:

- `id` : Database ID for this inventory. (integer)

- `type` : Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

    - `""` : Hosts have a direct link to this inventory.

    - `smart` : Hosts for inventory generated using the host_filter property.

    - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups` : This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources` : This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources` : Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures` : Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion` : Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

## Sorting

To specify that inventories are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters ⍰

— version                     string **Required**

REQUEST BODY

┌ description                  Description (string) **Nullable**
│                             Default: `""`
│
├ limit                        Limit (string)
│                             The limit to restrict the returned hosts for the related auto-
│                             created inventory source, special to constructed inventory.
│
├ name                         Name (string)   [ 1 .. 512 ] characters   **Required Nullable**
│
├ organization                 Organization (integer) **Required Nullable**
│

Organization containing this inventory.

**prevent_instance_group_fallback**

Prevent instance group fallback (boolean) **Nullable**
Default: `false`

If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied.

**source_vars**

Source vars (string)

The source_vars for the related auto-created inventory source, special to constructed inventory.

**update_cache_timeout**

Update cache timeout (integer) $>= 0$ **Nullable**

The cache timeout for the related auto-created inventory source, special to constructed inventory

**variables**

Variables (string) **Nullable**
Default: `""`

Inventory variables in JSON or YAML format.

**verbosity**

Verbosity (integer) [ 0 .. 2 ] **Nullable**

The verbosity level for the related auto-created inventory source, special to constructed inventory

## Responses

∨ 201

POST /api/v2/constructed_inventories/

REQUEST SAMPLES

```
{
    "description": "",
    "limit": "string",
    "name": "string",
    "organization": 0,
```

```
        "prevent_instance_group_fallback": false,
        "source_vars": "string",
        "update_cache_timeout": 0,
        "variables": "",
        "verbosity": 0
    }
```

RESPONSE SAMPLES

○ 201

```
    {
        "created": "string",
        "description": "",
        "has_active_failures": true,
        "has_inventory_sources": true,
        "hosts_with_active_failures": 0,
        "id": 0,
        "inventory_sources_with_failures": 0,
        "kind": "",
        "limit": "string",
        "modified": "string",
        "name": "string",
        "organization": 0,
        "pending_deletion": true,
        "prevent_instance_group_fallback": false,
        "related": "string",
        "source_vars": "string",
        "summary_fields": "string",
        "total_groups": 0,
        "total_hosts": 0,
        "total_inventory_sources": 0,
        "type": "string",
        "update_cache_timeout": 0,
        "url": "string",
        "variables": "",
        "verbosity": 0
    }
```

# Make GET request to this resource to retrieve a single inventory

record containing the following fields:

- `id` : Database ID for this inventory. (integer)

- `type` : Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

    - `""` : Hosts have a direct link to this inventory.

    - `smart` : Hosts for inventory generated using the host_filter property.

    - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups` : This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources` : This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources`: Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures`: Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion`: Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback`: If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars`: The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout`: The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit`: The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity`: The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

## Update an Inventory:

Make a PUT or PATCH request to this resource to update this inventory. The following fields may be modified:

- `name`: Name of this inventory. (string, required)

- `description`: Optional description of this inventory. (string, default=`""`)

- `organization`: Organization containing this inventory. (id, required)

- `variables`: Inventory variables in JSON or YAML format. (json, default=``)

- `prevent_instance_group_fallback`: If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean, default=`False`)

- `source_vars`: The source_vars for the related auto-created inventory source, special to constructed inventory. (string, default=`""`)

- `update_cache_timeout`: The cache timeout for the related auto-created inventory source, special to constructed inventory (integer, default=`None`)

- `limit`: The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string, default=`""`)

- `verbosity`: The verbosity level for the related auto-created inventory source, special to constructed inventory (integer, default=`None`)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Inventory:

Make a DELETE request to this resource to delete this inventory.

### Path Parameters  (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## Responses

— 204

DELETE    /api/v2/constructed_inventories/{id}/

# Make GET request to this resource to retrieve a single inventory

record containing the following fields:

- `id` : Database ID for this inventory. (integer)

- `type` : Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

  - `""` : Hosts have a direct link to this inventory.

  - `smart` : Hosts for inventory generated using the host_filter property.

  - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups` : This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources` : This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources` : Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures` : Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion` : Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

# Update an Inventory:

Make a PUT or PATCH request to this resource to update this inventory. The following fields may be modified:

- `name` : Name of this inventory. (string, required)

- `description` : Optional description of this inventory. (string, default=`""` )

- `organization` : Organization containing this inventory. (id, required)

- `variables` : Inventory variables in JSON or YAML format. (json, default=``)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean, default=`False` )

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string, default=`""` )

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer, default=`None` )

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string, default=`""` )

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer, default=`None` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Inventory:

Make a DELETE request to this resource to delete this inventory.

---

PARAMETERS

---

Path Parameters   (?)

| version | string **Required** |
|---------|---------------------|
| id      | string **Required** |

## Responses

⌄ 200

GET   /api/v2/constructed_inventories/{id}/

RESPONSE SAMPLES

○ 200

```json
{
    "created": "string",
    "description": "",
    "has_active_failures": true,
    "has_inventory_sources": true,
    "hosts_with_active_failures": 0,
    "id": 0,
    "inventory_sources_with_failures": 0,
    "kind": "",
    "limit": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "pending_deletion": true,
    "prevent_instance_group_fallback": false,
    "related": "string",
    "source_vars": "string",
    "summary_fields": "string",
    "total_groups": 0,
    "total_hosts": 0,
    "total_inventory_sources": 0,
    "type": "string",
    "update_cache_timeout": 0,
```

```
    "url": "string",
    "variables": "",
    "verbosity": 0
  }
```

## Make GET request to this resource to retrieve a single inventory

record containing the following fields:

- `id` : Database ID for this inventory. (integer)

- `type` : Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

  - `""` : Hosts have a direct link to this inventory.

  - `smart` : Hosts for inventory generated using the host_filter property.

  - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups`: This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources`: This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources`: Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures`: Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion`: Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback`: If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars`: The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout`: The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit`: The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity`: The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

## Update an Inventory:

Make a PUT or PATCH request to this resource to update this inventory. The following fields may be modified:

- `name`: Name of this inventory. (string, required)

- `description`: Optional description of this inventory. (string, default=`""`)

- `organization`: Organization containing this inventory. (id, required)

- `variables`: Inventory variables in JSON or YAML format. (json, default=``)

- `prevent_instance_group_fallback`: If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean, default=`False`)

- `source_vars`: The source_vars for the related auto-created inventory source, special to constructed inventory. (string, default=`""`)

- `update_cache_timeout`: The cache timeout for the related auto-created inventory source, special to constructed inventory (integer, default=`None`)

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string, default=`""` )

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer, default=`None` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Inventory:

Make a DELETE request to this resource to delete this inventory.

## PARAMETERS

### Path Parameters (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## REQUEST BODY

| | |
|---|---|
| description | Description (string) **Nullable** <br> Default: `""` |
| limit | Limit (string) <br> The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. |
| name | Name (string)   [ 1 .. 512 ] characters   **Required Nullable** |
| organization | Organization (integer) **Required Nullable** <br> Organization containing this inventory. |
| prevent_instance_group_fallback | Prevent instance group fallback (boolean) **Nullable** <br> Default: `false` <br> If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. |
| source_vars | Source vars (string) |

The source_vars for the related auto-created inventory source, special to constructed inventory.

update_cache_timeout     Update cache timeout (integer)   >= 0   **Nullable**

The cache timeout for the related auto-created inventory source, special to constructed inventory

variables     Variables (string) **Nullable**

Default: `""`

Inventory variables in JSON or YAML format.

verbosity     Verbosity (integer)   [ 0 .. 2 ]   **Nullable**

The verbosity level for the related auto-created inventory source, special to constructed inventory

# Responses

⌄ 200

PATCH     /api/v2/constructed_inventories/{id}/

REQUEST SAMPLES

```
{
    "description": "",
    "limit": "string",
    "name": "string",
    "organization": 0,
    "prevent_instance_group_fallback": false,
    "source_vars": "string",
    "update_cache_timeout": 0,
    "variables": "",
    "verbosity": 0
}
```

RESPONSE SAMPLES

```
{
    "created": "string",
    "description": "",
    "has_active_failures": true,
    "has_inventory_sources": true,
    "hosts_with_active_failures": 0,
    "id": 0,
    "inventory_sources_with_failures": 0,
    "kind": "",
    "limit": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "pending_deletion": true,
    "prevent_instance_group_fallback": false,
    "related": "string",
    "source_vars": "string",
    "summary_fields": "string",
    "total_groups": 0,
    "total_hosts": 0,
    "total_inventory_sources": 0,
    "type": "string",
    "update_cache_timeout": 0,
    "url": "string",
    "variables": "",
    "verbosity": 0
}
```

## Make GET request to this resource to retrieve a single inventory

record containing the following fields:

- `id`: Database ID for this inventory. (integer)

- `type`: Data type for this inventory. (choice)

- `url` : URL for this inventory. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this inventory was created. (datetime)

- `modified` : Timestamp when this inventory was last modified. (datetime)

- `name` : Name of this inventory. (string)

- `description` : Optional description of this inventory. (string)

- `organization` : Organization containing this inventory. (id)

- `kind` : Kind of inventory being represented. (choice)

    - `""` : Hosts have a direct link to this inventory.

    - `smart` : Hosts for inventory generated using the host_filter property.

    - `constructed` : Parse list of source inventories with the constructed inventory plugin.

- `variables` : Inventory variables in JSON or YAML format. (json)

- `has_active_failures` : This field is deprecated and will be removed in a future release. Flag indicating whether any hosts in this inventory have failed. (boolean)

- `total_hosts` : This field is deprecated and will be removed in a future release. Total number of hosts in this inventory. (integer)

- `hosts_with_active_failures` : This field is deprecated and will be removed in a future release. Number of hosts in this inventory with active failures. (integer)

- `total_groups` : This field is deprecated and will be removed in a future release. Total number of groups in this inventory. (integer)

- `has_inventory_sources` : This field is deprecated and will be removed in a future release. Flag indicating whether this inventory has any external inventory sources. (boolean)

- `total_inventory_sources` : Total number of external inventory sources configured within this inventory. (integer)

- `inventory_sources_with_failures` : Number of external inventory sources in this inventory with failures. (integer)

- `pending_deletion` : Flag indicating the inventory is being deleted. (boolean)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean)

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string)

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer)

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string)

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer)

# Update an Inventory:

Make a PUT or PATCH request to this resource to update this inventory. The following fields may be modified:

- `name` : Name of this inventory. (string, required)

- `description` : Optional description of this inventory. (string, default=`""` )

- `organization` : Organization containing this inventory. (id, required)

- `variables` : Inventory variables in JSON or YAML format. (json, default=``)

- `prevent_instance_group_fallback` : If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied. (boolean, default=`False` )

- `source_vars` : The source_vars for the related auto-created inventory source, special to constructed inventory. (string, default=`""` )

- `update_cache_timeout` : The cache timeout for the related auto-created inventory source, special to constructed inventory (integer, default=`None` )

- `limit` : The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory. (string, default=`""` )

- `verbosity` : The verbosity level for the related auto-created inventory source, special to constructed inventory (integer, default=`None` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete an Inventory:

Make a DELETE request to this resource to delete this inventory.


PARAMETERS

## Path Parameters ⑦

┌─ version        string **Required**

└─ id        string **Required**

REQUEST BODY

─ description

Description (string) **Nullable**
Default: `""`

─ limit

Limit (string)
The limit to restrict the returned hosts for the related auto-created inventory source, special to constructed inventory.

─ name

Name (string)    [ 1 .. 512 ] characters    **Required Nullable**

─ organization

Organization (integer) **Required Nullable**
Organization containing this inventory.

─ prevent_instance_group_fallback

Prevent instance group fallback (boolean) **Nullable**
Default: `false`
If enabled, the inventory will prevent adding any organization instance groups to the list of preferred instances groups to run associated job templates on.If this setting is enabled and you provided an empty list, the global instance groups will be applied.

─ source_vars

Source vars (string)
The source_vars for the related auto-created inventory source, special to constructed inventory.

─ update_cache_timeout

Update cache timeout (integer)    >= 0    **Nullable**
The cache timeout for the related auto-created inventory source, special to constructed inventory

─ variables

Variables (string) **Nullable**
Default: `""`
Inventory variables in JSON or YAML format.

─ verbosity

Verbosity (integer)    [ 0 .. 2 ]    **Nullable**
The verbosity level for the related auto-created inventory source, special to constructed inventory

# Responses

PUT    /api/v2/constructed_inventories/{id}/

REQUEST SAMPLES

```json
{
    "description": "",
    "limit": "string",
    "name": "string",
    "organization": 0,
    "prevent_instance_group_fallback": false,
    "source_vars": "string",
    "update_cache_timeout": 0,
    "variables": "",
    "verbosity": 0
}
```

RESPONSE SAMPLES

200

```json
{
    "created": "string",
    "description": "",
    "has_active_failures": true,
    "has_inventory_sources": true,
    "hosts_with_active_failures": 0,
    "id": 0,
    "inventory_sources_with_failures": 0,
    "kind": "",
    "limit": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "pending_deletion": true,
    "prevent_instance_group_fallback": false,
```

```
            "related": "string",
            "source_vars": "string",
            "summary_fields": "string",
            "total_groups": 0,
            "total_hosts": 0,
            "total_inventory_sources": 0,
            "type": "string",
            "update_cache_timeout": 0,
            "url": "string",
            "variables": "",
            "verbosity": 0
    }
```

# Make a GET request to this resource to retrieve the list of

credential input sources.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credential input sources found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential input source records.

## Results

Each credential input source data structure includes the following fields:

- `id` : Database ID for this credential input source. (integer)

- `type` : Data type for this credential input source. (choice)

- `url` : URL for this credential input source. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential input source was created. (datetime)

- `modified` : Timestamp when this credential input source was last modified. (datetime)

- `description` : Optional description of this credential input source. (string)

- `input_field_name` : (string)

- `metadata` : (json)

- `target_credential` : (id)

- `source_credential` : (id)

## Sorting

To specify that credential input sources are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters  (?)

— version      string **Required**

### Query Parameters  (?)

search      string
A search term.

page      integer
A page number within the paginated result set.

page_size      integer
Number of results to return per page.

## Responses

∨ 200

GET     /api/v2/credential_input_sources/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
```

```
    }
```

# Make a GET request to this resource to retrieve the list of

credential input sources.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credential input sources found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential input source records.

## Results

Each credential input source data structure includes the following fields:

- `id` : Database ID for this credential input source. (integer)

- `type` : Data type for this credential input source. (choice)

- `url` : URL for this credential input source. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential input source was created. (datetime)

- `modified` : Timestamp when this credential input source was last modified. (datetime)

- `description` : Optional description of this credential input source. (string)

- `input_field_name` : (string)

- `metadata` : (json)

- `target_credential` : (id)

- `source_credential` : (id)

## Sorting

To specify that credential input sources are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

### Path Parameters  (?)

— version                    string **Required**

REQUEST BODY

| description | Description (string) **Nullable** |
| | Default: `""` |

| input_field_name | Input field name (string)  [ 1 .. 1024 ] characters  **Required Nullable** |

| metadata | Metadata (object) |
| | Default: `{ }` |

| source_credential | Source credential (integer) **Required Nullable** |

| target_credential | Target credential (integer) **Required Nullable** |

## Responses

⌄ 201

POST    /api/v2/credential_input_sources/

REQUEST SAMPLES

```
{
    "description": "",
    "input_field_name": "string",
    "metadata": { },
    "source_credential": 0,
    "target_credential": 0
}
```

RESPONSE SAMPLES

○ 201

```
{
    "created": "string",
```

```
    "description": "",
    "id": 0,
    "input_field_name": "string",
    "metadata": { },
    "modified": "string",
    "related": "string",
    "source_credential": 0,
    "summary_fields": "string",
    "target_credential": 0,
    "type": "string",
    "url": "string"
}
```

---

## Make GET request to this resource to retrieve a single credential input source

record containing the following fields:

- `id` : Database ID for this credential input source. (integer)

- `type` : Data type for this credential input source. (choice)

- `url` : URL for this credential input source. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential input source was created. (datetime)

- `modified` : Timestamp when this credential input source was last modified. (datetime)

- `description` : Optional description of this credential input source. (string)

- `input_field_name` : (string)

- `metadata` : (json)

- `target_credential` : (id)

- `source_credential` : (id)

## Update a Credential Input Source:

Make a PUT or PATCH request to this resource to update this credential input source. The following fields may be modified:

- `description` : Optional description of this credential input source. (string, default=`""` )

- `input_field_name` : (string, required)

- `metadata` : (json, default=`{}` )

- `target_credential` : (id, required)

- `source_credential` : (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Input Source:

Make a DELETE request to this resource to delete this credential input source.

PARAMETERS

Path Parameters  ?

| version | string **Required** |
| --- | --- |
| id | string **Required** |

Responses

— 204

DELETE    /api/v2/credential_input_sources/{id}/

# Make GET request to this resource to retrieve a single credential input source

record containing the following fields:

- `id` : Database ID for this credential input source. (integer)
- `type` : Data type for this credential input source. (choice)
- `url` : URL for this credential input source. (string)
- `related` : Data structure with URLs of related resources. (object)
- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)
- `created` : Timestamp when this credential input source was created. (datetime)
- `modified` : Timestamp when this credential input source was last modified. (datetime)
- `description` : Optional description of this credential input source. (string)
- `input_field_name` : (string)
- `metadata` : (json)
- `target_credential` : (id)
- `source_credential` : (id)

## Update a Credential Input Source:

Make a PUT or PATCH request to this resource to update this credential input source. The following fields may be modified:

- `description` : Optional description of this credential input source. (string, default=`""` )
- `input_field_name` : (string, required)
- `metadata` : (json, default=`{}` )
- `target_credential` : (id, required)
- `source_credential` : (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

## Delete a Credential Input Source:

Make a DELETE request to this resource to delete this credential input source.

## PARAMETERS

### Path Parameters (?)

| version | string **Required** |
| id | string **Required** |

## Responses

ⅴ 200

GET     /api/v2/credential_input_sources/{id}/

RESPONSE SAMPLES

◉ 200

```json
{
    "created": "string",
    "description": "",
    "id": 0,
    "input_field_name": "string",
    "metadata": { },
    "modified": "string",
    "related": "string",
    "source_credential": 0,
    "summary_fields": "string",
    "target_credential": 0,
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single credential input source

record containing the following fields:

- `id` : Database ID for this credential input source. (integer)

- `type` : Data type for this credential input source. (choice)

- `url` : URL for this credential input source. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential input source was created. (datetime)

- `modified` : Timestamp when this credential input source was last modified. (datetime)

- `description` : Optional description of this credential input source. (string)

- `input_field_name` : (string)

- `metadata` : (json)

- `target_credential` : (id)

- `source_credential` : (id)

## Update a Credential Input Source:

Make a PUT or PATCH request to this resource to update this credential input source. The following fields may be modified:

- `description` : Optional description of this credential input source. (string, default=`""` )

- `input_field_name` : (string, required)

- `metadata` : (json, default=`{}` )

- `target_credential` : (id, required)

- `source_credential` : (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

## Delete a Credential Input Source:

Make a DELETE request to this resource to delete this credential input source.

## PARAMETERS

### Path Parameters (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## REQUEST BODY

| | |
|---|---|
| description | Description (string) **Nullable** <br> Default: `""` |
| input_field_name | Input field name (string)  [ 1 .. 1024 ] characters  **Required Nullable** |
| metadata | Metadata (object) <br> Default: `{ }` |
| source_credential | Source credential (integer) **Required Nullable** |
| target_credential | Target credential (integer) **Required Nullable** |

## Responses

∨ 200

PATCH    /api/v2/credential_input_sources/{id}/

## REQUEST SAMPLES

```
{
    "description": "",
    "input_field_name": "string",
    "metadata": { },
    "source_credential": 0,
```

```
      "target_credential": 0
  }
```

RESPONSE SAMPLES

○ 200

```
  {
      "created": "string",
      "description": "",
      "id": 0,
      "input_field_name": "string",
      "metadata": { },
      "modified": "string",
      "related": "string",
      "source_credential": 0,
      "summary_fields": "string",
      "target_credential": 0,
      "type": "string",
      "url": "string"
  }
```

# Make GET request to this resource to retrieve a single credential input source

record containing the following fields:

- `id` : Database ID for this credential input source. (integer)

- `type` : Data type for this credential input source. (choice)

- `url` : URL for this credential input source. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential input source was created. (datetime)

- `modified` : Timestamp when this credential input source was last modified. (datetime)

- `description` : Optional description of this credential input source. (string)

- `input_field_name` : (string)

- `metadata` : (json)

- `target_credential` : (id)

- `source_credential` : (id)

# Update a Credential Input Source:

Make a PUT or PATCH request to this resource to update this credential input source. The following fields may be modified:

- `description` : Optional description of this credential input source. (string, default=`""` )

- `input_field_name` : (string, required)

- `metadata` : (json, default=`{}` )

- `target_credential` : (id, required)

- `source_credential` : (id, required)

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Input Source:

Make a DELETE request to this resource to delete this credential input source.

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
| --- | --- |
| id | string **Required** |

REQUEST BODY

| description | Description (string) **Nullable** <br> Default: `""` |
| --- | --- |
| input_field_name | Input field name (string)  [ 1 .. 1024 ] characters   **Required** **Nullable** |

| | metadata | Metadata (object) |
|---|---|---|
| | | Default: `{}` |
| | source_credential | Source credential (integer) **Required** **Nullable** |
| | target_credential | Target credential (integer) **Required** **Nullable** |

## Responses

⌄ 200

PUT    /api/v2/credential_input_sources/{id}/

REQUEST SAMPLES

```
{
    "description": "",
    "input_field_name": "string",
    "metadata": { },
    "source_credential": 0,
    "target_credential": 0
}
```

RESPONSE SAMPLES

○ 200

```
{
    "created": "string",
    "description": "",
    "id": 0,
    "input_field_name": "string",
    "metadata": { },
    "modified": "string",
    "related": "string",
```

```
    "source_credential": 0,
    "summary_fields": "string",
    "target_credential": 0,
    "type": "string",
    "url": "string"
 }
```

# Make a GET request to this resource to retrieve the list of

credential types.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credential types found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential type records.

## Results

Each credential type data structure includes the following fields:

- `id` : Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)
  - `ssh` : Machine
  - `vault` : Vault
  - `net` : Network
  - `scm` : Source Control
  - `cloud` : Cloud
  - `registry` : Container Registry
  - `token` : Personal Access Token
  - `insights` : Insights
  - `external` : External
  - `kubernetes` : Kubernetes
  - `galaxy` : Galaxy/Automation Hub
  - `cryptography` : Cryptography
- `namespace` : (string)
- `managed` : (boolean)
- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)
- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

## Sorting

To specify that credential types are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

### Path Parameters ?

— version          string **Required**

### Query Parameters ?

┌ search          string
│                 A search term.
│
├ page            integer
│                 A page number within the paginated result set.
│
└ page_size       integer
                  Number of results to return per page.

## Responses

⌄ 200

RESPONSE SAMPLES

● 200

```json
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
    + { … }
    ]
}
```

# Make a GET request to this resource to retrieve the list of

credential types.

The resulting data structure contains:

```json
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credential types found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential type records.

## Results

Each credential type data structure includes the following fields:

- `id`: Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)

  - `ssh` : Machine

  - `vault` : Vault

  - `net` : Network

  - `scm` : Source Control

  - `cloud` : Cloud

  - `registry` : Container Registry

  - `token` : Personal Access Token

  - `insights` : Insights

  - `external` : External

  - `kubernetes` : Kubernetes

  - `galaxy` : Galaxy/Automation Hub

  - `cryptography` : Cryptography

- `namespace` : (string)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

## Sorting

To specify that credential types are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters ?

— version                  string **Required**

REQUEST BODY

description
Description (string) **Nullable**
Default: `""`

injectors
Injectors (object)
Default: `{ }`
Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax.

inputs
Inputs (object)
Default: `{ }`
Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

kind
Kind (string) **Required** **Nullable**
Valid values: `"ssh"` `"vault"` `"net"` `"scm"` `"cloud"` `"registry"` `"token"` `"insights"` `"external"` `"kubernetes"` `"galaxy"` `"cryptography"`

name
Name (string)  [ 1 .. 512 ] characters  **Required** **Nullable**

## Responses

⌄ 201

POST    /api/v2/credential_types/

REQUEST SAMPLES

```
{
    "description": "",
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "name": "string"
}
```

○ 201

```json
{
    "created": "string",
    "description": "",
    "id": 0,
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "namespace": "string",
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single credential type

record containing the following fields:

- `id` : Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)

  - `ssh` : Machine

  - `vault` : Vault

  - `net` : Network

  - `scm` : Source Control

  - `cloud` : Cloud

  - `registry` : Container Registry

  - `token` : Personal Access Token

  - `insights` : Insights

  - `external` : External

  - `kubernetes` : Kubernetes

  - `galaxy` : Galaxy/Automation Hub

  - `cryptography` : Cryptography

- `namespace` : (string)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

## Update a Credential Type:

Make a PUT or PATCH request to this resource to update this credential type. The following fields may be modified:

- `name` : Name of this credential type. (string, required)

- `description` : Optional description of this credential type. (string, default= `""` )

- `kind` : (choice, required)

  - `net` : Network

  - `cloud` : Cloud

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Type:

Make a DELETE request to this resource to delete this credential type.

---

PARAMETERS

Path Parameters  (?)

| | | |
|---|---|---|
| version | string **Required** | |
| id | string **Required** | |

## Responses

— 204

DELETE  /api/v2/credential_types/{id}/

---

# Make GET request to this resource to retrieve a single credential type

record containing the following fields:

- `id` : Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)

  - `ssh` : Machine

  - `vault` : Vault

  - `net` : Network

  - `scm` : Source Control

  - `cloud` : Cloud

  - `registry` : Container Registry

  - `token` : Personal Access Token

  - `insights` : Insights

  - `external` : External

  - `kubernetes` : Kubernetes

  - `galaxy` : Galaxy/Automation Hub

  - `cryptography` : Cryptography

- `namespace` : (string)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

# Update a Credential Type:

Make a PUT or PATCH request to this resource to update this credential type. The following fields may be modified:

- `name` : Name of this credential type. (string, required)

- `description` : Optional description of this credential type. (string, default=`""` )

- `kind` : (choice, required)

  - `net` : Network

  - `cloud` : Cloud

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Type:

Make a DELETE request to this resource to delete this credential type.

PARAMETERS

Path Parameters  ?

| version | string **Required** |
| --- | --- |
| id | string **Required** |

## Responses

⌄ 200

GET   /api/v2/credential_types/{id}/

RESPONSE SAMPLES

○ 200

```
{
    "created": "string",
    "description": "",
    "id": 0,
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "namespace": "string",
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

## Make GET request to this resource to retrieve a single credential type

record containing the following fields:

- `id` : Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)

    - `ssh` : Machine

- - `vault` : Vault

  - `net` : Network

  - `scm` : Source Control

  - `cloud` : Cloud

  - `registry` : Container Registry

  - `token` : Personal Access Token

  - `insights` : Insights

  - `external` : External

  - `kubernetes` : Kubernetes

  - `galaxy` : Galaxy/Automation Hub

  - `cryptography` : Cryptography

- `namespace` : (string)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

# Update a Credential Type:

Make a PUT or PATCH request to this resource to update this credential type. The following fields may be modified:

- `name` : Name of this credential type. (string, required)

- `description` : Optional description of this credential type. (string, default=`""` )

- `kind` : (choice, required)

  - `net` : Network

  - `cloud` : Cloud

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Type:

Make a DELETE request to this resource to delete this credential type.

## PARAMETERS

### Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id | string **Required** |

## REQUEST BODY

**description**

Description (string) **Nullable**

Default: `""`

---

**injectors**

Injectors (object)

Default: `{}`

Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax.

---

**inputs**

Inputs (object)

Default: `{}`

Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

---

**kind**

Kind (string) **Required Nullable**

Valid values: `"ssh"` `"vault"` `"net"` `"scm"` `"cloud"` `"registry"` `"token"` `"insights"` `"external"` `"kubernetes"` `"galaxy"` `"cryptography"`

---

**name**

Name (string)   [ 1 .. 512 ] characters   **Required Nullable**

## Responses

⌄ 200

PATCH    /api/v2/credential_types/{id}/

## REQUEST SAMPLES

```json
{
    "description": "",
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "name": "string"
}
```

## RESPONSE SAMPLES

● 200

```json
{
    "created": "string",
    "description": "",
    "id": 0,
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "namespace": "string",
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single credential type

record containing the following fields:

- `id` : Database ID for this credential type. (integer)

- `type` : Data type for this credential type. (choice)

- `url` : URL for this credential type. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential type was created. (datetime)

- `modified` : Timestamp when this credential type was last modified. (datetime)

- `name` : Name of this credential type. (string)

- `description` : Optional description of this credential type. (string)

- `kind` : (choice)

    - `ssh` : Machine

    - `vault` : Vault

    - `net` : Network

    - `scm` : Source Control

    - `cloud` : Cloud

    - `registry` : Container Registry

    - `token` : Personal Access Token

    - `insights` : Insights

    - `external` : External

    - `kubernetes` : Kubernetes

    - `galaxy` : Galaxy/Automation Hub

    - `cryptography` : Cryptography

- `namespace` : (string)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

# Update a Credential Type:

Make a PUT or PATCH request to this resource to update this credential type. The following fields may be modified:

- `name` : Name of this credential type. (string, required)

- `description` : Optional description of this credential type. (string, default=`""` )

- `kind` : (choice, required)

    - `net` : Network

    - `cloud` : Cloud

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

- `injectors` : Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default=`{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential Type:

Make a DELETE request to this resource to delete this credential type.

## PARAMETERS

### Path Parameters  (?)

| version | string **Required** |
|---|---|
| id | string **Required** |

## REQUEST BODY

| description | Description (string) **Nullable** |
|---|---|
| | Default:  `""` |

- injectors
  Injectors (object)
  **Default:** `{ }`
  Enter injectors using either JSON or YAML syntax. Refer to the documentation for example syntax.

- inputs
  Inputs (object)
  **Default:** `{ }`
  Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

- kind
  Kind (string) **Required Nullable**
  Valid values: `"ssh"` `"vault"` `"net"` `"scm"` `"cloud"` `"registry"` `"token"` `"insights"` `"external"` `"kubernetes"` `"galaxy"` `"cryptography"`

- name
  Name (string)  [ 1 .. 512 ] characters    **Required Nullable**

# Responses

⌄ 200

PUT    /api/v2/credential_types/{id}/

REQUEST SAMPLES

```
{
    "description": "",
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "name": "string"
}
```

RESPONSE SAMPLES

○ 200

```
{
    "created": "string",
    "description": "",
    "id": 0,
    "injectors": { },
    "inputs": { },
    "kind": "ssh",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "namespace": "string",
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make a GET request to this resource to retrieve a list of

activity streams associated with the selected credential type.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of activity streams found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more activity stream records.

## Results

Each activity stream data structure includes the following fields:

- `id` : Database ID for this activity stream. (integer)

- `type` : Data type for this activity stream. (choice)

- `url` : URL for this activity stream. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `timestamp` : (datetime)

- `operation` : The action taken with respect to the given object(s). (choice)

  - `create` : Entity Created

  - `update` : Entity Updated

  - `delete` : Entity Deleted

  - `associate` : Entity Associated with another Entity

  - `disassociate` : Entity was Disassociated with another Entity

- `changes` : A summary of the new and changed values when an object is created, updated, or deleted (json)

- `object1` : For create, update, and delete events this is the object type that was affected. For associate and disassociate events this is the object type associated or disassociated with object2. (string)

- `object2` : Unpopulated for create, update, and delete events. For associate and disassociate events this is the object type that object1 is being associated with. (string)

- `object_association` : When present, shows the field name of the role or relationship that changed. (field)

- `action_node` : The cluster node the activity took place on. (string)

- `object_type` : When present, shows the model on which the role or relationship was defined. (field)

## Sorting

To specify that activity streams are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

# Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

# Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

Path Parameters  (?)

version                  string **Required**

id                       string **Required**

Query Parameters  (?)

search                   string
                         A search term.

page                     integer
                         A page number within the paginated result set.

page_size                integer
                         Number of results to return per page.

# Responses

GET   /api/v2/credential_types/{id}/activity_stream/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
}
```

# Make a GET request to this resource to retrieve a list of

credentials associated with the selected credential type.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credentials found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential records.

# Results

Each credential data structure includes the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

# Sorting

To specify that credentials are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS
___

Path Parameters  ⑦

┌─ version          string **Required**
│
└─ id               string **Required**

Query Parameters  ⑦

┌─ search           string
│                   A search term.
│
├─ page             integer
│                   A page number within the paginated result set.
│
└─ page_size        integer
                    Number of results to return per page.

## Responses

✓ 200

GET   /api/v2/credential_types/{id}/credentials/

RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
}
```

# Make a GET request to this resource to retrieve a list of

credentials associated with the selected credential type.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credentials found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential records.

# Results

Each credential data structure includes the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

# Sorting

To specify that credentials are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

PARAMETERS

### Path Parameters  (?)

| version | string **Required** |
| id | string **Required** |

REQUEST BODY

| credential_type | Credential Type (integer) **Required**<br>Specify the type of credential you want to create. Refer to the documentation for details on each type. |
| description | Description (string) **Nullable**<br>Default: `""` |
| inputs | Inputs (object)<br>Default: `{}` |

├─ name

Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

Name (string)  [ 1 .. 512 ] characters   **Required** **Nullable**

└─ organization

Organization (integer) **Nullable**

## Responses

⌄ 201

POST    /api/v2/credential_types/{id}/credentials/

REQUEST SAMPLES

```
{
    "credential_type": 0,
    "description": "",
    "inputs": { },
    "name": "string",
    "organization": 0
}
```

RESPONSE SAMPLES

○ 201

```
{
    "cloud": "string",
    "created": "string",
    "credential_type": 0,
    "description": "",
    "id": 0,
    "inputs": { },
    "kind": "string",
```

```
    "kubernetes": "string",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
  }
```

# Make GET request to this resource to retrieve a single credential type

record containing the following fields:

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
| id | string **Required** |

## Responses

∨ 200

GET   /api/v2/credential_types/{id}/test/

RESPONSE SAMPLES

○ 200

```
{ }
```

# Make GET request to this resource to retrieve a single credential type

record containing the following fields:

PARAMETERS

## Path Parameters  (?)

version          string **Required**

id               string **Required**

REQUEST BODY

Empty (object)

## Responses

⌄ 201

POST    /api/v2/credential_types/{id}/test/

REQUEST SAMPLES

```
{ }
```

```
{ }
```

# Make a GET request to this resource to retrieve the list of

credentials.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credentials found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential records.

## Results

Each credential data structure includes the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : Inherit permissions from organization roles. If provided on creation, do not give either user or team. (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

# Sorting

To specify that credentials are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

# Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

# Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters  (?)

— version                 string **Required**

### Query Parameters  (?)

┌  search          string
│                  A search term.
│
├  page            integer
│                  A page number within the paginated result set.
│
└  page_size       integer
                   Number of results to return per page.

## Responses

⌄ 200

GET    /api/v2/credentials/

## RESPONSE SAMPLES

○ 200

```
{
    "count": 0,
    "next": "http://example.com",
```

```
    "previous": "http://example.com",
  - "results": [
      + { … }
    ]
  }
```

---

## Make a GET request to this resource to retrieve the list of

credentials.

The resulting data structure contains:

```
{
    "count": 99,
    "next": null,
    "previous": null,
    "results": [
        ...
    ]
}
```

The `count` field indicates the total number of credentials found for the given query. The `next` and `previous` fields provides links to additional results if there are more than will fit on a single page. The `results` list contains zero or more credential records.

## Results

Each credential data structure includes the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : Inherit permissions from organization roles. If provided on creation, do not give either user or team. (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

## Sorting

To specify that credentials are returned in a particular order, use the `order_by` query string parameter on the GET request.

```
?order_by=name
```

Prefix the field name with a dash `-` to sort in reverse:

```
?order_by=-name
```

Multiple sorting fields may be specified by separating the field names with a comma `,` :

```
?order_by=name,some_other_field
```

## Pagination

Use the `page_size` query string parameter to change the number of results returned for each request. Use the `page` query string parameter to retrieve a particular page of results.

```
?page_size=100&page=2
```

The `previous` and `next` links returned with the results will set these query string parameters automatically.

## Searching

Use the `search` query string parameter to perform a case-insensitive search within all designated text fields of a model.

```
?search=findme
```

(*Added in Ansible Tower 3.1.0*) Search across related fields:

```
?related__search=findme
```

## PARAMETERS

### Path Parameters  ⑦

— version

string **Required**

## REQUEST BODY

— credential_type

Credential Type (integer) **Required**
Specify the type of credential you want to create. Refer to the documentation for details on each type.

— description

Description (string) **Nullable**
Default:  `""`

— inputs

Inputs (object)
Default:  `{ }`
Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

— name

Name (string)    [ 1 .. 512 ] characters    **Required Nullable**

— organization

Organization (integer) **Nullable**
Inherit permissions from organization roles. If provided on creation, do not give either user or team.

— team

Team (integer) **Nullable**
Write-only field used to add team to owner role. If provided, do not give either user or organization. Only valid for creation.

— user

User (integer) **Nullable**
Write-only field used to add user to owner role. If provided, do not give either team or organization. Only valid for creation.

# Responses

POST /api/v2/credentials/

REQUEST SAMPLES

```
{
    "credential_type": 0,
    "description": "",
    "inputs": { },
    "name": "string",
    "organization": 0,
    "team": 0,
    "user": 0
}
```

RESPONSE SAMPLES

○ 201

```
{
    "cloud": "string",
    "created": "string",
    "credential_type": 0,
    "description": "",
    "id": 0,
    "inputs": { },
    "kind": "string",
    "kubernetes": "string",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "related": "string",
    "summary_fields": "string",
    "team": 0,
    "type": "string",
```

```
    "url": "string",
    "user": 0
}
```

---

# Make GET request to this resource to retrieve a single credential

record containing the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

## Update a Credential:

Make a PUT or PATCH request to this resource to update this credential. The following fields may be modified:

- `name` : Name of this credential. (string, required)

- `description` : Optional description of this credential. (string, default= `""` )

- `organization` : (id, default= `None` )

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id, required)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential:

Make a DELETE request to this resource to delete this credential.

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
|---------|---------------------|
| id | string **Required** |

# Responses

— 204

DELETE    /api/v2/credentials/{id}/

# Make GET request to this resource to retrieve a single credential

record containing the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

# Update a Credential:

Make a PUT or PATCH request to this resource to update this credential. The following fields may be modified:

- `name` : Name of this credential. (string, required)

- `description` : Optional description of this credential. (string, default=`""` )

- `organization` : (id, default=`None` )

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id, required)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential:

Make a DELETE request to this resource to delete this credential.

## PARAMETERS

### Path Parameters (?)

| | |
|---|---|
| version | string **Required** |
| id | string **Required** |

## Responses

∨ 200

GET   /api/v2/credentials/{id}/

RESPONSE SAMPLES

○ 200

```
{
    "cloud": "string",
    "created": "string",
    "credential_type": 0,
    "description": "",
    "id": 0,
    "inputs": { },
```

```
    "kind": "string",
    "kubernetes": "string",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

---

# Make GET request to this resource to retrieve a single credential

record containing the following fields:

- `id` : Database ID for this credential. (integer)

- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

# Update a Credential:

Make a PUT or PATCH request to this resource to update this credential. The following fields may be modified:

- `name` : Name of this credential. (string, required)

- `description` : Optional description of this credential. (string, default= `""` )

- `organization` : (id, default= `None` )

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id, required)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

# Delete a Credential:

Make a DELETE request to this resource to delete this credential.

PARAMETERS

Path Parameters  (?)

| version | string **Required** |
|---|---|
| id | string **Required** |

REQUEST BODY

| credential_type | Credential Type (integer) **Required** <br> Specify the type of credential you want to create. Refer to the documentation for details on each type. |
|---|---|
| description | Description (string) **Nullable** <br> Default: `""` |
| inputs | Inputs (object) <br> Default: `{}` |

Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

| | |
|---|---|
| name | Name (string)   [ 1 .. 512 ] characters   **Required** **Nullable** |
| organization | Organization (integer) **Nullable** |

## Responses

⌄ 200

PATCH   /api/v2/credentials/{id}/

REQUEST SAMPLES

```
{
    "credential_type": 0,
    "description": "",
    "inputs": { },
    "name": "string",
    "organization": 0
}
```

RESPONSE SAMPLES

○ 200

```
{
    "cloud": "string",
    "created": "string",
    "credential_type": 0,
    "description": "",
    "id": 0,
    "inputs": { },
    "kind": "string",
```

```
    "kubernetes": "string",
    "managed": "string",
    "modified": "string",
    "name": "string",
    "organization": 0,
    "related": "string",
    "summary_fields": "string",
    "type": "string",
    "url": "string"
}
```

# Make GET request to this resource to retrieve a single credential

record containing the following fields:

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- `type` : Data type for this credential. (choice)

- `url` : URL for this credential. (string)

- `related` : Data structure with URLs of related resources. (object)

- `summary_fields` : Data structure with name/description for related resources. The output for some objects may be limited for performance reasons. (object)

- `created` : Timestamp when this credential was created. (datetime)

- `modified` : Timestamp when this credential was last modified. (datetime)

- `name` : Name of this credential. (string)

- `description` : Optional description of this credential. (string)

- `organization` : (id)

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id)

- `managed` : (boolean)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json)

- `kind` : (field)

- `cloud` : (field)

- `kubernetes` : (field)

## Update a Credential:

Make a PUT or PATCH request to this resource to update this credential. The following fields may be modified:

- `name` : Name of this credential. (string, required)

- `description` : Optional description of this credential. (string, default= `""` )

- `organization` : (id, default= `None` )

- `credential_type` : Specify the type of credential you want to create. Refer to the documentation for details on each type. (id, required)

- `inputs` : Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax. (json, default= `{}` )

For a PUT request, include **all** fields in the request.

For a PATCH request, include only the fields that are being modified.

## Delete a Credential:

Make a DELETE request to this resource to delete this credential.

PARAMETERS

Path Parameters ?

version    string **Required**

id    string **Required**

REQUEST BODY

credential_type    Credential Type (integer) **Required**
Specify the type of credential you want to create. Refer to the documentation for details on each type.

description    Description (string) **Nullable**
Default: `""`

inputs    Inputs (object)
Default: `{}`

Enter inputs using either JSON or YAML syntax. Refer to the documentation for example syntax.

| name | Name (string)   [ 1 .. 512 ] characters   **Required Nullable** |
|---|---|
| organization | Organization (integer) **Nullable** |

## Responses

⌄ 200

PUT    /api/v2/credentials/{id}/

REQUEST SAMPLES

```
{
    "credential_type": 0,
    "description": "",
    "inputs": { },
    "name": "string",
    "organization": 0
}
```

RESPONSE SAMPLES

○ 200

```
{
    "cloud": "string",
    "created": "string",
    "credential_type": 0,
    "description": "",
    "id": 0,
    "inputs": { },
    "kind": "string",
```

        "kubernetes": "string",
        "managed": "string",
        "modified": "string",
        "name": "string",
        "organization": 0,
        "related": "string",
        "summary_fields": "string",
        "type": "string",
        "url": "string"
    }