### Actions requests

<table>
<thead>
<tr>
<th>Method</th>
<th>Path</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GET</td>
<td>/v1/actions</td>
<td>Get all actions</td>
</tr>
<tr>
<td>GET</td>
<td>/v1/actions/{uid}</td>
<td>Get a single action</td>
</tr>
</tbody>
</table>

### Get all actions

**GET /v1/actions**

Get the status of all actions (executing, queued, or completed) on all entities (clusters, nodes, and databases). This API tracks long-lived API requests that return either a task_id or an action_uid.

### Required permissions

<table>
<thead>
<tr>
<th>Permission name</th>
</tr>
</thead>
<tbody>
<tr>
<td>view_status_of_cluster_action</td>
</tr>
</tbody>
</table>

### Request

**Example HTTP request**

GET /actions

### Response

Returns a JSON array of action objects and an array of state-machine objects.

Regardless of an action's source, each action in the response contains the following attributes: name, action_uid, status, and progress.

**Example JSON body**
{
    "actions": [
        {
            "action_uid": "159ca2f8-7bf3-4cda-97e8-4eb560665c28",
            "name": "retry_bdb",
            "node_uid": "2",
            "progress": "100",
            "status": "completed",
            "task_id": "159ca2f8-7bf3-4cda-97e8-4eb560665c28"
        },
        {
            "action_uid": "661697c5-c747-41bd-ab81-ffc8fd13c494",
            "name": "retry_bdb",
            "node_uid": "1",
            "progress": "100",
            "status": "completed",
            "task_id": "661697c5-c747-41bd-ab81-ffc8fd13c494"
        }
    ],
    "state-machines": [
        {
            "action_uid": "a10586b1-60bc-428e-9bc6-392eb5f0d8ae",
            "heartbeat": 1650378874,
            "name": "SMCreateBDB",
            "object_name": "bdb:1",
            "progress": "100",
            "status": "completed"
        }
    ]
}

### Status codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 OK</td>
<td>No error, response provides info about an ongoing action</td>
</tr>
<tr>
<td>404 Not Found</td>
<td>Action does not exist (i.e. not currently running and no available status of last run).</td>
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### Get a specific action

**GET /v1/actions/{uid}

Get the status of a currently executing, queued, or completed action.

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### Request
Example HTTP request

GET /actions/{uid}

URL parameters

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>uid</td>
<td>string</td>
<td>The action_uid to check</td>
</tr>
</tbody>
</table>

Response

Returns an action object.

Regardless of an action’s source, each action contains the following attributes: name, action_uid, status, and progress.

Example JSON body

```json
{
   "action_uid": "159ca2f8-7bf3-4cd8-4ef560665c28",
   "name": "retry_bdb",
   "node_uid": "2",
   "progress": "100",
   "status": "completed",
   "task_id": "159ca2f8-7bf3-4cd8-4ef560665c28"
}
```

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Updated: April 26, 2022