Arenadata™ Cluster Manager

Версия - develop

ReST API

2020 Arenadata™

Оглавление

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Глава 1

ArenaData Cluster Manager API

Version: 1.0

1.1 Intro

Cluster: Set of hosts and services

Host: Abstract container for components

Service: Set of components

Component: Peace of software

HostComponent: Map between hosts and components of services

Task: Service action at work. Consists of one or more jobs

Job: Minimal quantum of action. Run ansible playbook to do actual work

1.2 API Sections

adcm

cluster

host

info

job

profile

provider

stack

stats

swagger

task

token

user

1.3 adcm

1.3.1 list

GET /api/v1/adcm/

List adcm object

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.3.2 read

GET /api/v1/adcm/{adcm_id}/

Show adcm object

Path Parameters

The following parameters should be included in the URL path.

1.3.3 config > list

GET /api/v1/adcm/{adcm_id}/config/

Show current config for a adcm object

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>
```

```
    </tbody>
</table>
```

1.3.4 config > current > list

GET /api/v1/adcm/{adcm_id}/config/current/

Show config for a specified version of adcm object.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.3.5 config > history > list

GET /api/v1/adcm/{adcm_id}/config/history/

Show history of config of an adcm object

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.3.6 config > history > create

POST /api/v1/adcm/{adcm_id}/config/history/

Update host provider config. Config parameter is json

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.3.7 config > history > read

GET /api/v1/adcm/{adcm_id}/config/history/{version}/

Show config for a specified version of adcm object.

Path Parameters

The following parameters should be included in the URL path.

1.3.8 config > previous > list

GET /api/v1/adcm/{adcm_id}/config/previous/

Show config for a specified version of adcm object.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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    </tbody>
</table>
```

1.4 cluster

1.4.1 list

GET /api/v1/cluster/

List of all existing clusters

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>prototype_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.4.2 create

POST `/api/v1/cluster/`

Create new cluster

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.3 read

GET `/api/v1/cluster/{cluster_id}/`

Show cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.4 partial_update

PATCH `/api/v1/cluster/{cluster_id}/`

Edit cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.5 delete

DELETE `/api/v1/cluster/{cluster_id}/`

Remove cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.6 action > list

GET `/api/v1/cluster/{cluster_id}/action/`

List all actions of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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    </tbody>
</table>
```

1.4.7 action > read

GET `/api/v1/cluster/{cluster_id}/action/{action_id}/`

Show specified action of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.8 action > run > create

POST `/api/v1/cluster/{cluster_id}/action/{action_id}/run/`

Ran specified action of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.9 bind > list

GET `/api/v1/cluster/{cluster_id}/bind/`

List all binds of specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.4.10 bind > create

POST `/api/v1/cluster/{cluster_id}/bind/`

Bind two clusters

Path Parameters

The following parameters should be included in the URL path.

1.4.11 bind > read

GET `/api/v1/cluster/{cluster_id}/bind/{bind_id}/`

Show specified bind of specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.12 bind > delete

DELETE `/api/v1/cluster/{cluster_id}/bind/{bind_id}/`

Unbind specified bind of specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.13 button > list

GET /api/v1/cluster/{cluster_id}/button/

List all actions of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.4.14 button > read

GET /api/v1/cluster/{cluster_id}/button/{action_id}/

Show specified action of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.15 button > run > create

POST /api/v1/cluster/{cluster_id}/button/{action_id}/run/

Ran specified action of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.16 config > list

GET /api/v1/cluster/{cluster_id}/config/

Show config page for a specified service and cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.4.17 config > current > list

GET /api/v1/cluster/{cluster_id}/config/current/

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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    </tbody>
</table>
```

1.4.18 config > history > list

GET /api/v1/cluster/{cluster_id}/config/history/

Show history of config in a specified service and cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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↪the results.</td></tr>

    </tbody>
</table>
```

1.4.19 config > history > create

POST `/api/v1/cluster/{cluster_id}/config/history/`

Update config in a specified service and cluster. Config parameter is json

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.20 config > history > read

GET `/api/v1/cluster/{cluster_id}/config/history/{version}/`

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

1.4.21 config > history > restore > partial_update

PATCH `/api/v1/cluster/{cluster_id}/config/history/{version}/restore/`

Restore config of specified version in a specified service and cluster.

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.22 config > previous > list

GET /api/v1/cluster/{cluster_id}/config/previous/

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.4.23 host > list

GET /api/v1/cluster/{cluster_id}/host/

List all hosts of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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        <tr><td class="parameter-name"><code>fqdn</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>prototype_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>provider_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>
```

```
    </tbody>
</table>
```

1.4.24 host > create

POST /api/v1/cluster/{cluster_id}/host/

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.25 host > read

GET /api/v1/cluster/{cluster_id}/host/{host_id}/

Show host of cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.26 host > delete

DELETE /api/v1/cluster/{cluster_id}/host/{host_id}/

Remove host from cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.27 host > action > list

GET /api/v1/cluster/{cluster_id}/host/{host_id}/action/

List all actions of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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```

```
        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.4.28 host > action > read

GET /api/v1/cluster/{cluster_id}/host/{host_id}/action/{action_id}/

Show specified actions of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.29 host > action > run > create

POST /api/v1/cluster/{cluster_id}/host/{host_id}/action/{action_id}/run/

Ran specified action of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.30 host > button > list

GET /api/v1/cluster/{cluster_id}/host/{host_id}/button/

List all actions of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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    </tbody>
</table>
```

1.4.31 host > button > read

GET /api/v1/cluster/{cluster_id}/host/{host_id}/button/{action_id}/

Show specified actions of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.32 host > button > run > create

POST /api/v1/cluster/{cluster_id}/host/{host_id}/button/{action_id}/run/

Ran specified action of a specified host in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.33 hostcomponent > list

GET /api/v1/cluster/{cluster_id}/hostcomponent/

Show host <-> component map in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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    </tbody>
</table>
```

1.4.34 hostcomponent > create

POST /api/v1/cluster/{cluster_id}/hostcomponent/

Create new mapping service:component <-> host in a specified cluster.

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.35 hostcomponent > read

GET /api/v1/cluster/{cluster_id}/hostcomponent/{hs_id}/

Show host <-> component link in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.36 import > list

GET /api/v1/cluster/{cluster_id}/import/

List all imports avaliable for specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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↪the results.</td></tr>

    </tbody>
</table>
```

1.4.37 import > create

POST /api/v1/cluster/{cluster_id}/import/

Update bind for cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.38 service > list

GET /api/v1/cluster/{cluster_id}/service/

List all services of a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.4.39 service > create

POST `/api/v1/cluster/{cluster_id}/service/`

Add service to specified cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.40 service > read

GET `/api/v1/cluster/{cluster_id}/service/{service_id}/`

Show service in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.41 service > action > list

GET `/api/v1/cluster/{cluster_id}/service/{service_id}/action/`

List all actions of a specified service

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.4.42 service > action > read

GET /api/v1/cluster/{cluster_id}/service/{service_id}/action/{action_id}/

Show specified action of a specified service

Path Parameters

The following parameters should be included in the URL path.

1.4.43 service > action > run > create

POST /api/v1/cluster/{cluster_id}/service/{service_id}/action/{action_id}/run/

Ran specified action of a specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.44 service > bind > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/bind/

List all binds of specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
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        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.45 service > bind > create

POST /api/v1/cluster/{cluster_id}/service/{service_id}/bind/

Bind two services

Path Parameters

The following parameters should be included in the URL path.

1.4.46 service > bind > read

GET /api/v1/cluster/{cluster_id}/service/{service_id}/bind/{bind_id}/

Show specified bind of specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.47 service > bind > delete

DELETE /api/v1/cluster/{cluster_id}/service/{service_id}/bind/{bind_id}/

Unbind specified bind of specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.48 service > button > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/button/

List all actions of a specified service

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
```

```
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.4.49 service > button > read

GET /api/v1/cluster/{cluster_id}/service/{service_id}/button/{action_id}/

Show specified action of a specified service

Path Parameters

The following parameters should be included in the URL path.

1.4.50 service > button > run > create

POST /api/v1/cluster/{cluster_id}/service/{service_id}/button/{action_id}/run/

Ran specified action of a specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.51 service > component > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/component/

Show componets of service in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>
```

```
        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.4.52 service > component > read

GET /api/v1/cluster/{cluster_id}/service/{service_id}/component/{component_id}/

Show specified componet of service in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.53 service > config > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/config/

Show config page for a specified service and cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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    <tbody>

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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.54 service > config > current > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/config/current/

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.55 service > config > history > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/config/history/

Show history of config in a specified service and cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.56 service > config > history > create

POST /api/v1/cluster/{cluster_id}/service/{service_id}/config/history/

Update config in a specified service and cluster. Config parameter is json

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.57 service > config > history > read

GET /api/v1/cluster/{cluster_id}/service/{service_id}/config/history/{version}/

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

1.4.58 service > config > history > restore > partial_update

PATCH /api/v1/cluster/{cluster_id}/service/{service_id}/config/history/{version}/restore/

Restore config of specified version in a specified service and cluster.

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.4.59 service > config > previous > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/config/previous/

Show config for a specified version, service and cluster.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.60 service > import > list

GET /api/v1/cluster/{cluster_id}/service/{service_id}/import/

List all imports avaliable for specified service in cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.61 service > import > create

POST /api/v1/cluster/{cluster_id}/service/{service_id}/import/

Update bind for service in cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.62 serviceprototype > list

GET /api/v1/cluster/{cluster_id}/serviceprototype/

List all services of specified cluster of bundle

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.63 status > list

GET /api/v1/cluster/{cluster_id}/status/

Show all hosts and components in a specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.4.64 upgrade > list

GET /api/v1/cluster/{cluster_id}/upgrade/

List all avaliable upgrades for specified cluster

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.4.65 upgrade > read

GET /api/v1/cluster/{cluster_id}/upgrade/{upgrade_id}/

List all avaliable upgrades for specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.4.66 upgrade > do > create

POST /api/v1/cluster/{cluster_id}/upgrade/{upgrade_id}/do/

Do upgrade specified cluster

Path Parameters

The following parameters should be included in the URL path.

1.5 host

1.5.1 list

GET /api/v1/host/

List all hosts

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>cluster_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>prototype_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>provider_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>fqdn</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>cluster_is_null</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>provider_is_null</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.5.2 create

POST `/api/v1/host/`

Create new host

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.5.3 read

GET `/api/v1/host/{host_id}/`

Show host

Path Parameters

The following parameters should be included in the URL path.

1.5.4 delete

DELETE `/api/v1/host/{host_id}/`

Remove host (and all corresponding host services:components)

Path Parameters

The following parameters should be included in the URL path.

1.5.5 action > list

GET `/api/v1/host/{host_id}/action/`

List all actions of a specified host

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.5.6 action > read

GET /api/v1/host/{host_id}/action/{action_id}/

Show specified action of a specified host

Path Parameters

The following parameters should be included in the URL path.

1.5.7 action > run > create

POST /api/v1/host/{host_id}/action/{action_id}/run/

Ran specified action of a specified host

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.5.8 button > list

GET /api/v1/host/{host_id}/button/

List all actions of a specified host

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.5.9 button > read

GET /api/v1/host/{host_id}/button/{action_id}/

Show specified action of a specified host

Path Parameters

The following parameters should be included in the URL path.

1.5.10 button > run > create

POST /api/v1/host/{host_id}/button/{action_id}/run/

Ran specified action of a specified host

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.5.11 config > list

GET /api/v1/host/{host_id}/config/

Show current config for a specified host

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.5.12 config > current > list

GET /api/v1/host/{host_id}/config/current/

Show config for a specified version and host.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
```

```
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.5.13 config > history > list

GET /api/v1/host/{host_id}/config/history/

Show history of config of a specified host

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.5.14 config > history > create

POST /api/v1/host/{host_id}/config/history/

Update config of a specified host. Config parameter is json

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.5.15 config > history > read

GET /api/v1/host/{host_id}/config/history/{version}/

Show config for a specified version and host.

Path Parameters

The following parameters should be included in the URL path.

1.5.16 config > history > restore > partial_update

PATCH /api/v1/host/{host_id}/config/history/{version}/restore/

Restore config of specified version of a specified host.

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.5.17 config > previous > list

GET /api/v1/host/{host_id}/config/previous/

Show config for a specified version and host.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.6 info

1.6.1 list

GET /api/v1/info/

General info about ADCM

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
```

```
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.7 job

1.7.1 list

GET /api/v1/job/

List all jobs

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>action_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>task_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>pid</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>status</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>start_date</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>finish_date</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.7.2 read

GET /api/v1/job/{job_id}/

Show job

Path Parameters

The following parameters should be included in the URL path.

1.7.3 log > read

GET /api/v1/job/{job_id}/log/{tag}/{level}/{log_type}/

Show log file

Path Parameters

The following parameters should be included in the URL path.

1.8 profile

1.8.1 list

GET /api/v1/profile/

List all existing user's profiles

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.8.2 create

POST /api/v1/profile/

Create new user profile

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.8.3 read

GET /api/v1/profile/{username}/

Show user profile

Path Parameters

The following parameters should be included in the URL path.

1.8.4 partial_update

PATCH `/api/v1/profile/{username}/`

Edit user profile

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.8.5 delete

DELETE `/api/v1/profile/{username}/`

delete user and profile

Path Parameters

The following parameters should be included in the URL path.

1.8.6 password > partial_update

PATCH `/api/v1/profile/{username}/password/`

Change user password

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9 provider

1.9.1 list

GET `/api/v1/provider/`

List all host providers

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>
```

```
        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>prototype_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.9.2 create

POST `/api/v1/provider/`

Create new host provider

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.3 read

GET `/api/v1/provider/{provider_id}/`

Show host provider

Path Parameters

The following parameters should be included in the URL path.

1.9.4 delete

DELETE `/api/v1/provider/{provider_id}/`

Remove host provider

Path Parameters

The following parameters should be included in the URL path.

1.9.5 action > list

GET `/api/v1/provider/{provider_id}/action/`

List all actions of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
```

```
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.9.6 action > read

GET /api/v1/provider/{provider_id}/action/{action_id}/

Show specified action of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

1.9.7 action > run > create

POST /api/v1/provider/{provider_id}/action/{action_id}/run/

Ran specified action of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.8 button > list

GET /api/v1/provider/{provider_id}/button/

List all actions of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>
```

```
        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

    </tbody>
</table>
```

1.9.9 button > read

GET /api/v1/provider/{provider_id}/button/{action_id}/

Show specified action of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

1.9.10 button > run > create

POST /api/v1/provider/{provider_id}/button/{action_id}/run/

Ran specified action of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.11 config > list

GET /api/v1/provider/{provider_id}/config/

Show current config for a specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>
```

```
    </tbody>
</table>
```

1.9.12 config > current > list

GET /api/v1/provider/{provider_id}/config/current/

Show config for a specified version and host provider.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.9.13 config > history > list

GET /api/v1/provider/{provider_id}/config/history/

Show history of config of a specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.9.14 config > history > create

POST /api/v1/provider/{provider_id}/config/history/

Update host provider config. Config parameter is json

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.15 config > history > read

GET /api/v1/provider/{provider_id}/config/history/{version}/

Show config for a specified version and host provider.

Path Parameters

The following parameters should be included in the URL path.

1.9.16 config > history > restore > partial_update

PATCH /api/v1/provider/{provider_id}/config/history/{version}/restore/

Restore config of specified version of a specified host provider.

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.17 config > previous > list

GET /api/v1/provider/{provider_id}/config/previous/

Show config for a specified version and host provider.

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>
```

```
    </tbody>
</table>
```

1.9.18 host > list

GET /api/v1/provider/{provider_id}/host/

List all hosts of specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>fqdn</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>cluster_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.9.19 host > create

POST /api/v1/provider/{provider_id}/host/

Create new host

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.9.20 upgrade > list

GET /api/v1/provider/{provider_id}/upgrade/

List all avaliable upgrades for specified host provider

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.9.21 upgrade > read

GET `/api/v1/provider/{provider_id}/upgrade/{upgrade_id}/`

List all avaliable upgrades for specified host provider

Path Parameters

The following parameters should be included in the URL path.

1.9.22 upgrade > do > create

POST `/api/v1/provider/{provider_id}/upgrade/{upgrade_id}/do/`

Do upgrade specified host provider

Path Parameters

The following parameters should be included in the URL path.

1.10 stack

1.10.1 list

GET `/api/v1/stack/`

Operations with stack of services

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
```

```
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.10.2 action > read

GET /api/v1/stack/action/{action_id}/

Show action

Path Parameters

The following parameters should be included in the URL path.

1.10.3 adcm > list

GET /api/v1/stack/adcm/

List adcm root object prototypes

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

    </tbody>
</table>
```

1.10.4 adcm > read

GET /api/v1/stack/adcm/{prototype_id}/

Show adcm prototype

Path Parameters

The following parameters should be included in the URL path.

1.10.5 bundle > list

GET `/api/v1/stack/bundle/`

List all bundles

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>version</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.6 bundle > read

GET `/api/v1/stack/bundle/{bundle_id}/`

Show bundle

Path Parameters

The following parameters should be included in the URL path.

1.10.7 bundle > delete

DELETE `/api/v1/stack/bundle/{bundle_id}/`

Remove bundle

Path Parameters

The following parameters should be included in the URL path.

1.10.8 bundle > update > update

PUT `/api/v1/stack/bundle/{bundle_id}/update/`

update bundle

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.10.9 cluster > list

GET `/api/v1/stack/cluster/`

List all cluster types

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.10 cluster > read

GET `/api/v1/stack/cluster/{prototype_id}/`

Show cluster prototype

Path Parameters

The following parameters should be included in the URL path.

1.10.11 host > list

GET `/api/v1/stack/host/`

List all host types

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>
```

```
        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.12 host > read

GET /api/v1/stack/host/{prototype_id}/

Show host prototype

Path Parameters

The following parameters should be included in the URL path.

1.10.13 load > create

POST /api/v1/stack/load/

Load bundle

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.10.14 load > servicemap > update

PUT /api/v1/stack/load/servicemap/

1.10.15 prototype > list

GET /api/v1/stack/prototype/

List all stack prototypes

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
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        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>
```

```
        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>type</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.16 prototype > read

GET /api/v1/stack/prototype/{prototype_id}/

Show prototype

Path Parameters

The following parameters should be included in the URL path.

1.10.17 provider > list

GET /api/v1/stack/provider/

List all host providers types

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.18 provider > read

GET /api/v1/stack/provider/{prototype_id}/

Show host provider prototype

Path Parameters

The following parameters should be included in the URL path.

1.10.19 service > list

GET /api/v1/stack/service/

List all stack services

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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    <tbody>

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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>name</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>bundle_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.10.20 service > read

GET /api/v1/stack/service/{prototype_id}/

Show stack service

Path Parameters

The following parameters should be included in the URL path.

1.10.21 service > action > list

GET /api/v1/stack/service/{service_id}/action/

List all actions of a specified service

Path Parameters

The following parameters should be included in the URL path.

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
```

```
    </thead>
    <tbody>

        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.10.22 upload > create

POST /api/v1/stack/upload/

Request Body

The request body should be a "**multipart/form-data**" encoded object, containing the following items.

1.11 stats

1.11.1 list

GET /api/v1/stats/

Statistics

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
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↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

    </tbody>
</table>
```

1.11.2 job > read

GET /api/v1/stats/job/{job_id}/

Show jobs stats

Path Parameters

The following parameters should be included in the URL path.

1.12 swagger

1.12.1 list

GET /api/v1/swagger/

1.13 task

1.13.1 list

GET /api/v1/task/

List all tasks

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
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        <tr><td class="parameter-name"><code>limit</code></td><td>Number of results to return per page.</td>
↪</tr>

        <tr><td class="parameter-name"><code>offset</code></td><td>The initial index from which to return␣
↪the results.</td></tr>

        <tr><td class="parameter-name"><code>action_id</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>pid</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>status</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>start_date</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>finish_date</code></td><td></td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.13.2 create

POST /api/v1/task/

Create and run new task Return handler to new task

1.13.3 read

GET /api/v1/task/{task_id}/

Show task

Path Parameters

The following parameters should be included in the URL path.

1.14 token

1.14.1 create

POST /api/v1/token/

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.15 user

1.15.1 list

GET /api/v1/user/

List all existing users

```
<h4>Query Parameters</h4>
<p>The following parameters should be included as part of a URL query string.</p>
<table class="parameters table table-bordered table-striped">
    <thead>
        <tr><th>Parameter</th><th>Description</th></tr>
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    <tbody>

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↪the results.</td></tr>

        <tr><td class="parameter-name"><code>ordering</code></td><td>Which field to use when ordering the␣
↪results.</td></tr>

    </tbody>
</table>
```

1.15.2 create

POST /api/v1/user/

Create new user

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

1.15.3 read

GET /api/v1/user/{username}/

show user

Path Parameters

The following parameters should be included in the URL path.

1.15.4 delete

DELETE `/api/v1/user/{username}/`

delete user and profile

Path Parameters

The following parameters should be included in the URL path.

1.15.5 password > partial_update

PATCH `/api/v1/user/{username}/password/`

Change user password

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

Глава 2

ArenaData ADCM Status Server Api

Version: 1.2

Глава 3

Intro

Status Server is intended to story and show statuses of various services on all hosts across a cluster. All data are stored in RAM, so after restart all statuses will be lost. After s specified timeout (by default 2 minutes) stored status value for given host and service will be cleared out

Глава 4

API Sections

Host Component Status

Cluster Service Status

Job Status WebSocket

Service Status WebSocket

4.1 Host/Component Status

4.1.1 Read

GET `/status/api/v1/host/{host_id}/component/{component_id}/`

Show value of status value for specified host and component ids.

Path Parameters

The following parameters should be included in the URL path.

4.1.2 Create or Update

POST `/status/api/v1/host/{host_id}/component/{component_id}/`

Create new status value or update existing status value for specified host and component ids. Status should be integer. 0 means ok, any other number means error

Path Parameters

The following parameters should be included in the URL path.

Request Body

The request body should be a "**application/json**" encoded object, containing the following items.

4.2 Cluster Service Status

4.2.1 Read

GET `/status/api/v1/cluster/{cluster_id}/service/{service_id}/`

Show value of status value for specified cluster and service ids.

Path Parameters

The following parameters should be included in the URL path.

4.3 Job Status WebSocket

WS `/ws/job/`

Init webscoket with stream of task and job statuses. Any message in stream is a JSON in format:

`{"type":"job "id":5,"status":"run"}` or `{"type":"task "id":5,"status":"run"}`

4.4 Service Status WebSocket

WS `/ws/service/`

Init webscoket with stream of service statuses. Any message in stream is a JSON in format:

`{"type":"service "cluster":"1 "service":"5 "status":1}`

Глава 5

ArenaData ADCM Webscoket API

5.1 Job Webscoket API

To open WS make **GET** request to

```
"ws://" + document.location.host + "/ws/job/"
```

After that you start to recive **JSON** messages:

```
{"type":"job", "id":123, "status":"running"}
```

Statuses can be:

- running
- success
- failed