

# Clamp Rest API

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# Chapter 1. Overview

## 1.1. Version information

*Version* : 4.2.0-SNAPSHOT

## 1.2. URI scheme

*Host* : localhost:33953

*BasePath* : /restservices/clds/

*Schemes* : HTTP

# Chapter 2. Paths

## 2.1. GET /v1/clds/cldsInfo

### 2.1.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsInfo</a>

### 2.1.2. Produces

- `application/json`

## 2.2. GET /v1/healthcheck

### 2.2.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsHealthCheck</a>

### 2.2.2. Produces

- `application/json`

## 2.3. GET /v1/user/getUser

### 2.3.1. Responses

HTTP Code	Schema
200	No Content

### 2.3.2. Produces

- `text/plain`

## 2.4. PUT /v2/loop/delete/{loopName}

### 2.4.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.4.2. Responses

HTTP Code	Schema
200	No Content

## 2.5. PUT /v2/loop/deploy/{loopName}

### 2.5.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.5.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.5.3. Produces

- `application/json`

## 2.6. GET /v2/loop/getAllNames

### 2.6.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

### 2.6.2. Produces

- `application/json`

## 2.7. GET /v2/loop/getstatus/{loopName}

### 2.7.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.7.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.7.3. Produces

- `application/json`

## 2.8. PUT /v2/loop/restart/{loopName}

### 2.8.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.8.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.8.3. Produces

- `application/json`

## 2.9. PUT /v2/loop/stop/{loopName}

### 2.9.1. Parameters



Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

## 2.9.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

## 2.9.3. Produces

- `application/json`

# 2.10. PUT /v2/loop/submit/{loopName}

## 2.10.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

## 2.10.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

## 2.10.3. Produces

- `application/json`

# 2.11. GET /v2/loop/svgRepresentation/{loopName}

## 2.11.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

## 2.11.2. Responses

HTTP Code	Description	Schema
200	Output type	string

## 2.11.3. Produces

- `application/xml`

## 2.12. PUT /v2/loop/undeploy/{loopName}

### 2.12.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.12.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.12.3. Produces

- `application/json`

## 2.13. POST /v2/loop/updateGlobalProperties/{loopName}

### 2.13.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">JsonObject</a>

### 2.13.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.13.3. Consumes

- [application/json](#)

### 2.13.4. Produces

- [application/json](#)

## 2.14. POST

### /v2/loop/updateMicroservicePolicy/{loopName}

#### 2.14.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">MicroServicePolicy</a>

#### 2.14.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">MicroServicePolicy</a>

### 2.14.3. Consumes

- [application/json](#)

### 2.14.4. Produces

- [application/json](#)

## 2.15. POST

### /v2/loop/updateOperationalPolicies/{loopName}

### 2.15.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">JsonArray</a>

### 2.15.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.15.3. Consumes

- [application/json](#)

### 2.15.4. Produces

- [application/json](#)

## 2.16. GET /v2/loop/{loopName}

### 2.16.1. Parameters

Type	Name	Schema
Path	<b>loopName</b> <i>required</i>	string

### 2.16.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">Loop</a>

### 2.16.3. Produces

- [application/json](#)

# Chapter 3. Definitions

## 3.1. CldsHealthCheck

Name	Schema
<b>description</b> <i>optional</i>	string
<b>healthCheckComponent</b> <i>optional</i>	string
<b>healthCheckStatus</b> <i>optional</i>	string

## 3.2. CldsInfo

Name	Schema
<b>cldsVersion</b> <i>optional</i>	string
<b>permissionReadCl</b> <i>optional</i>	boolean
<b>permissionReadTemplate</b> <i>optional</i>	boolean
<b>permissionReadTosca</b> <i>optional</i>	boolean
<b>permissionUpdateCl</b> <i>optional</i>	boolean
<b>permissionUpdateTemplate</b> <i>optional</i>	boolean
<b>permissionUpdateTosca</b> <i>optional</i>	boolean
<b>userName</b> <i>optional</i>	string

## 3.3. ExternalComponent

Name	Schema
<b>componentName</b> <i>optional</i>	string
<b>state</b> <i>optional</i>	<a href="#">ExternalComponentState</a>

### 3.4. ExternalComponentState

Name	Schema
<b>description</b> <i>optional</i>	string
<b>level</b> <i>optional</i>	integer (int32)
<b>stateName</b> <i>optional</i>	string

### 3.5. JsonArray

Name	Schema
<b>asBigDecimal</b> <i>optional</i>	number
<b>asBigInteger</b> <i>optional</i>	integer
<b>asBoolean</b> <i>optional</i>	boolean
<b>asByte</b> <i>optional</i>	string (byte)
<b>asCharacter</b> <i>optional</i>	string
<b>asDouble</b> <i>optional</i>	number (double)
<b>asFloat</b> <i>optional</i>	number (float)
<b>asInt</b> <i>optional</i>	integer (int32)
<b>asJSONArray</b> <i>optional</i>	<a href="#">JsonArray</a>

Name	Schema
<b>asJsonNull</b> <i>optional</i>	JsonNull
<b>asJsonObject</b> <i>optional</i>	JsonObject
<b>asJsonPrimitive</b> <i>optional</i>	JsonPrimitive
<b>asLong</b> <i>optional</i>	integer (int64)
<b>asNumber</b> <i>optional</i>	Number
<b>asShort</b> <i>optional</i>	integer (int32)
<b>asString</b> <i>optional</i>	string
<b>jsonArray</b> <i>optional</i>	boolean
<b>jsonNull</b> <i>optional</i>	boolean
<b>jsonObject</b> <i>optional</i>	boolean
<b>jsonPrimitive</b> <i>optional</i>	boolean

### 3.6. JsonNull

Name	Schema
<b>asBigDecimal</b> <i>optional</i>	number
<b>asBigInteger</b> <i>optional</i>	integer
<b>asBoolean</b> <i>optional</i>	boolean
<b>asByte</b> <i>optional</i>	string (byte)
<b>asCharacter</b> <i>optional</i>	string

Name	Schema
<b>asDouble</b> <i>optional</i>	number (double)
<b>asFloat</b> <i>optional</i>	number (float)
<b>asInt</b> <i>optional</i>	integer (int32)
<b>asJSONArray</b> <i>optional</i>	<a href="#">JSONArray</a>
<b>asJsonNull</b> <i>optional</i>	<a href="#">JsonNull</a>
<b>asJsonObject</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>asJsonPrimitive</b> <i>optional</i>	<a href="#">JsonPrimitive</a>
<b>asLong</b> <i>optional</i>	integer (int64)
<b>asNumber</b> <i>optional</i>	<a href="#">Number</a>
<b>asShort</b> <i>optional</i>	integer (int32)
<b>asString</b> <i>optional</i>	string
<b>jsonArray</b> <i>optional</i>	boolean
<b>jsonNull</b> <i>optional</i>	boolean
<b>jsonObject</b> <i>optional</i>	boolean
<b>jsonPrimitive</b> <i>optional</i>	boolean

### 3.7. JsonObject

Name	Schema
<b>asBigDecimal</b> <i>optional</i>	number



<b>Name</b>	<b>Schema</b>
<b>asBigInteger</b> <i>optional</i>	integer
<b>asBoolean</b> <i>optional</i>	boolean
<b>asByte</b> <i>optional</i>	string (byte)
<b>asCharacter</b> <i>optional</i>	string
<b>asDouble</b> <i>optional</i>	number (double)
<b>asFloat</b> <i>optional</i>	number (float)
<b>asInt</b> <i>optional</i>	integer (int32)
<b>asJSONArray</b> <i>optional</i>	<a href="#">JSONArray</a>
<b>asJsonNull</b> <i>optional</i>	<a href="#">JsonNull</a>
<b>asJsonObject</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>asJsonPrimitive</b> <i>optional</i>	<a href="#">JsonPrimitive</a>
<b>asLong</b> <i>optional</i>	integer (int64)
<b>asNumber</b> <i>optional</i>	<a href="#">Number</a>
<b>asShort</b> <i>optional</i>	integer (int32)
<b>asString</b> <i>optional</i>	string
<b>jsonArray</b> <i>optional</i>	boolean
<b>jsonNull</b> <i>optional</i>	boolean
<b>jsonObject</b> <i>optional</i>	boolean

Name	Schema
<b>jsonPrimitive</b> <i>optional</i>	boolean

## 3.8. JsonPrimitive

Name	Schema
<b>asBigDecimal</b> <i>optional</i>	number
<b>asBigInteger</b> <i>optional</i>	integer
<b>asBoolean</b> <i>optional</i>	boolean
<b>asByte</b> <i>optional</i>	string (byte)
<b>asCharacter</b> <i>optional</i>	string
<b>asDouble</b> <i>optional</i>	number (double)
<b>asFloat</b> <i>optional</i>	number (float)
<b>asInt</b> <i>optional</i>	integer (int32)
<b>asJSONArray</b> <i>optional</i>	<a href="#">JSONArray</a>
<b>asJsonNull</b> <i>optional</i>	<a href="#">JsonNull</a>
<b>asJsonObject</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>asJsonPrimitive</b> <i>optional</i>	<a href="#">JsonPrimitive</a>
<b>asLong</b> <i>optional</i>	integer (int64)
<b>asNumber</b> <i>optional</i>	<a href="#">Number</a>
<b>asShort</b> <i>optional</i>	integer (int32)

Name	Schema
<b>asString</b> <i>optional</i>	string
<b>boolean</b> <i>optional</i>	boolean
<b>jsonArray</b> <i>optional</i>	boolean
<b>jsonNull</b> <i>optional</i>	boolean
<b>jsonObject</b> <i>optional</i>	boolean
<b>jsonPrimitive</b> <i>optional</i>	boolean
<b>number</b> <i>optional</i>	boolean
<b>string</b> <i>optional</i>	boolean

### 3.9. Loop

Name	Schema
<b>blueprint</b> <i>optional</i>	string
<b>components</b> <i>optional</i>	< string, <a href="#">ExternalComponent</a> > map
<b>createdBy</b> <i>optional</i>	string
<b>createdDate</b> <i>optional</i>	integer (int64)
<b>dcaeBlueprintId</b> <i>optional</i>	string
<b>dcaeDeploymentId</b> <i>optional</i>	string
<b>dcaeDeploymentStatusUrl</b> <i>optional</i>	string
<b>globalPropertiesJson</b> <i>optional</i>	<a href="#">JsonObject</a>

Name	Schema
<b>lastComputedState</b> <i>optional</i>	enum (DESIGN, SUBMITTED, DEPLOYED, RUNNING, STOPPED, IN_ERROR, WAITING)
<b>loopLogs</b> <i>optional</i>	< <a href="#">LoopLog</a> > array
<b>loopTemplate</b> <i>optional</i>	<a href="#">LoopTemplate</a>
<b>microServicePolicies</b> <i>optional</i>	< <a href="#">MicroServicePolicy</a> > array
<b>modelService</b> <i>optional</i>	<a href="#">Service</a>
<b>name</b> <i>optional</i>	string
<b>operationalPolicies</b> <i>optional</i>	< <a href="#">OperationalPolicy</a> > array
<b>svgRepresentation</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string
<b>updatedAt</b> <i>optional</i>	integer (int64)

### 3.10. LoopLog

Name	Schema
<b>id</b> <i>optional</i>	integer (int64)
<b>logComponent</b> <i>optional</i>	string
<b>logInstant</b> <i>optional</i>	integer (int64)
<b>logType</b> <i>optional</i>	enum (INFO, WARNING, ERROR)
<b>loop</b> <i>optional</i>	<a href="#">Loop</a>
<b>message</b> <i>optional</i>	string

## 3.11. LoopTemplate

Name	Schema
<b>blueprint</b> <i>optional</i>	string
<b>createdBy</b> <i>optional</i>	string
<b>createdDate</b> <i>optional</i>	integer (int64)
<b>maximumInstancesAllowed</b> <i>optional</i>	integer (int32)
<b>microServiceModelUsed</b> <i>optional</i>	< <a href="#">TemplateMicroServiceModel</a> > array
<b>modelService</b> <i>optional</i>	<a href="#">Service</a>
<b>name</b> <i>optional</i>	string
<b>svgRepresentation</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string
<b>updatedAt</b> <i>optional</i>	integer (int64)

## 3.12. MicroServiceModel

Name	Schema
<b>blueprint</b> <i>optional</i>	string
<b>createdBy</b> <i>optional</i>	string
<b>createdDate</b> <i>optional</i>	integer (int64)
<b>name</b> <i>optional</i>	string
<b>policyModel</b> <i>optional</i>	<a href="#">PolicyModel</a>

Name	Schema
<b>policyType</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string
<b>updatedAt</b> <i>optional</i>	integer (int64)
<b>usedByLoopTemplates</b> <i>optional</i>	< <a href="#">TemplateMicroServiceModel</a> > array

### 3.13. MicroServicePolicy

Name	Schema
<b>context</b> <i>optional</i>	string
<b>createdBy</b> <i>optional</i>	string
<b>createdDate</b> <i>optional</i>	integer (int64)
<b>deviceTypeScope</b> <i>optional</i>	string
<b>jsonRepresentation</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>microServiceModel</b> <i>optional</i>	<a href="#">MicroServiceModel</a>
<b>modelType</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>policyTosca</b> <i>optional</i>	string
<b>properties</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>shared</b> <i>optional</i>	boolean
<b>updatedBy</b> <i>optional</i>	string

Name	Schema
<b>updatedAt</b> <i>optional</i>	integer (int64)
<b>usedByLoops</b> <i>optional</i>	< <a href="#">Loop</a> > array

## 3.14. Number

Type : object

## 3.15. OperationalPolicy

Name	Schema
<b>configurationsJson</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>jsonRepresentation</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>loop</b> <i>optional</i>	<a href="#">Loop</a>
<b>name</b> <i>optional</i>	string
<b>policyModel</b> <i>optional</i>	<a href="#">PolicyModel</a>

## 3.16. PolicyModel

Name	Schema
<b>createdBy</b> <i>optional</i>	string
<b>createdDate</b> <i>optional</i>	integer (int64)
<b>policyAcronym</b> <i>optional</i>	string
<b>policyModelTosca</b> <i>optional</i>	string
<b>policyModelType</b> <i>optional</i>	string

Name	Schema
<b>policyVariant</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string
<b>updatedAt</b> <i>optional</i>	integer (int64)
<b>version</b> <i>optional</i>	string

### 3.17. Service

Name	Schema
<b>resourceDetails</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>serviceDetails</b> <i>optional</i>	<a href="#">JsonObject</a>
<b>serviceUuid</b> <i>optional</i>	string

### 3.18. TemplateMicroServiceModel

Name	Schema
<b>flowOrder</b> <i>optional</i>	integer (int32)
<b>loopTemplate</b> <i>optional</i>	<a href="#">LoopTemplate</a>
<b>microServiceModel</b> <i>optional</i>	<a href="#">MicroServiceModel</a>