

Clamp Rest API

Table of Contents

- 1. Overview 1
 - 1.1. Version information 1
 - 1.2. URI scheme..... 1
- 2. Paths 2
 - 2.1. GET /v1/clds/cldsInfo 2
 - 2.1.1. Responses 2
 - 2.1.2. Produces 2
 - 2.2. GET /v1/healthcheck..... 2
 - 2.2.1. Responses 2
 - 2.2.2. Produces 2
 - 2.3. GET /v1/user/getUser 2
 - 2.3.1. Responses 2
 - 2.3.2. Produces 2
 - 2.4. PUT /v2/loop/delete/{loopName}..... 2
 - 2.4.1. Parameters 3
 - 2.4.2. Responses 3
 - 2.5. PUT /v2/loop/deploy/{loopName} 3
 - 2.5.1. Parameters 3
 - 2.5.2. Responses 3
 - 2.5.3. Produces 3
 - 2.6. GET /v2/loop/getAllNames 3
 - 2.6.1. Responses 3
 - 2.6.2. Produces 3
 - 2.7. GET /v2/loop/getstatus/{loopName} 4
 - 2.7.1. Parameters 4
 - 2.7.2. Responses 4
 - 2.7.3. Produces 4
 - 2.8. PUT /v2/loop/restart/{loopName} 4
 - 2.8.1. Parameters 4
 - 2.8.2. Responses 4
 - 2.8.3. Produces 4
 - 2.9. PUT /v2/loop/stop/{loopName} 4
 - 2.9.1. Parameters 4
 - 2.9.2. Responses 5
 - 2.9.3. Produces 5
 - 2.10. PUT /v2/loop/submit/{loopName}..... 5

2.10.1. Parameters	5
2.10.2. Responses	5
2.10.3. Produces	5
2.11. GET /v2/loop/svgRepresentation/{loopName}	5
2.11.1. Parameters	5
2.11.2. Responses	6
2.11.3. Produces	6
2.12. PUT /v2/loop/undeploy/{loopName}	6
2.12.1. Parameters	6
2.12.2. Responses	6
2.12.3. Produces	6
2.13. POST /v2/loop/updateGlobalProperties/{loopName}	6
2.13.1. Parameters	6
2.13.2. Responses	6
2.13.3. Consumes	7
2.13.4. Produces	7
2.14. POST /v2/loop/updateMicroservicePolicy/{loopName}	7
2.14.1. Parameters	7
2.14.2. Responses	7
2.14.3. Consumes	7
2.14.4. Produces	7
2.15. POST /v2/loop/updateOperationalPolicies/{loopName}	7
2.15.1. Parameters	8
2.15.2. Responses	8
2.15.3. Consumes	8
2.15.4. Produces	8
2.16. GET /v2/loop/{loopName}	8
2.16.1. Parameters	8
2.16.2. Responses	8
2.16.3. Produces	8
3. Definitions	9
3.1. CldsHealthCheck	9
3.2. CldsInfo	9
3.3. ExternalComponent	9
3.4. ExternalComponentState	10
3.5. JsonArray	10
3.6. JsonNull	11
3.7. JsonObject	12

3.8. JsonPrimitive	14
3.9. Loop	15
3.10. LoopLog	16
3.11. MicroServicePolicy	16
3.12. Number	17
3.13. OperationalPolicy	17

Chapter 1. Overview

1.1. Version information

Version : 4.1.2-SNAPSHOT

1.2. URI scheme

Host : localhost:38405

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	CldsInfo

2.1.2. Produces

- `application/json`

2.2. GET /v1/healthcheck

2.2.1. Responses

HTTP Code	Description	Schema
200	Output type	CldsHealthCheck

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	loopName <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	loopName <i>required</i>	string

2.5.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

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	loopName <i>required</i>	string

2.7.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.7.3. Produces

- `application/json`

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

2.8.1. Parameters

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

2.8.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.8.3. Produces

- `application/json`

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

2.9.1. Parameters

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

2.9.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.9.3. Produces

- [application/json](#)

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

2.10.1. Parameters

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

2.10.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.10.3. Produces

- [application/json](#)

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

2.11.1. Parameters

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

2.12.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.12.3. Produces

- `application/json`

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

2.13.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string
Body	body <i>required</i>	JsonObject

2.13.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

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	loopName <i>required</i>	string
Body	body <i>required</i>	MicroServicePolicy

2.14.2. Responses

HTTP Code	Description	Schema
200	Output type	MicroServicePolicy

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	loopName <i>required</i>	string
Body	body <i>required</i>	JsonArray

2.15.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

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	loopName <i>required</i>	string

2.16.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.16.3. Produces

- [application/json](#)

Chapter 3. Definitions

3.1. CldsHealthCheck

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

3.2. CldsInfo

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

3.3. ExternalComponent

Name	Schema
componentName <i>optional</i>	string
state <i>optional</i>	ExternalComponentState

3.4. ExternalComponentState

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

3.5. JsonArray

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

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

3.6. JsonNull

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

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

3.7. JsonObject

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

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

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

3.8. JsonPrimitive

Name	Schema
asBigDecimal <i>optional</i>	number
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean
asByte <i>optional</i>	string (byte)
asCharacter <i>optional</i>	string
asDouble <i>optional</i>	number (double)
asFloat <i>optional</i>	number (float)
asInt <i>optional</i>	integer (int32)
asJsonArray <i>optional</i>	JsonArray
asJsonNull <i>optional</i>	JsonNull
asJsonObject <i>optional</i>	JsonObject
asJsonPrimitive <i>optional</i>	JsonPrimitive
asLong <i>optional</i>	integer (int64)
asNumber <i>optional</i>	Number
asShort <i>optional</i>	integer (int32)

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

3.9. Loop

Name	Schema
blueprint <i>optional</i>	string
components <i>optional</i>	< string, ExternalComponent > map
dcaeBlueprintId <i>optional</i>	string
dcaeDeploymentId <i>optional</i>	string
dcaeDeploymentStatusUrl <i>optional</i>	string
globalPropertiesJson <i>optional</i>	JsonObject
lastComputedState <i>optional</i>	enum (DESIGN, SUBMITTED, DEPLOYED, RUNNING, STOPPED, IN_ERROR, WAITING)
loopLogs <i>optional</i>	< LoopLog > array

Name	Schema
microServicePolicies <i>optional</i>	< MicroServicePolicy > array
modelPropertiesJson <i>optional</i>	JsonObject
name <i>optional</i>	string
operationalPolicies <i>optional</i>	< OperationalPolicy > array
svgRepresentation <i>optional</i>	string

3.10. LoopLog

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

3.11. MicroServicePolicy

Name	Schema
jsonRepresentation <i>optional</i>	JsonObject
modelType <i>optional</i>	string
name <i>optional</i>	string

Name	Schema
policyTosca <i>optional</i>	string
properties <i>optional</i>	JsonObject
shared <i>optional</i>	boolean
usedByLoops <i>optional</i>	< Loop > array

3.12. Number

Type : object

3.13. OperationalPolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
jsonRepresentation <i>optional</i>	JsonObject
loop <i>optional</i>	Loop
name <i>optional</i>	string