

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/healthcheck..... 2
 - 2.1.1. Responses 2
 - 2.1.2. Produces 2
 - 2.2. GET /v1/user/getUser 2
 - 2.2.1. Responses 2
 - 2.2.2. Produces 2
 - 2.3. GET /v2/dictionary 2
 - 2.3.1. Responses 2
 - 2.3.2. Produces 2
 - 2.4. PUT /v2/dictionary 2
 - 2.4.1. Parameters 3
 - 2.4.2. Responses 3
 - 2.4.3. Consumes 3
 - 2.4.4. Produces 3
 - 2.5. GET /v2/dictionary/secondary/names 3
 - 2.5.1. Responses 3
 - 2.5.2. Produces 3
 - 2.6. GET /v2/dictionary/{dictionaryName}..... 3
 - 2.6.1. Parameters 3
 - 2.6.2. Responses 4
 - 2.6.3. Produces 4
 - 2.7. PUT /v2/dictionary/{name}..... 4
 - 2.7.1. Parameters 4
 - 2.7.2. Responses 4
 - 2.7.3. Consumes 4
 - 2.7.4. Produces 4
 - 2.8. DELETE /v2/dictionary/{name} 4
 - 2.8.1. Parameters 4
 - 2.8.2. Responses 5
 - 2.8.3. Produces 5
 - 2.9. DELETE /v2/dictionary/{name}/elements/{shortName} 5
 - 2.9.1. Parameters 5

2.9.2. Responses	5
2.9.3. Produces	5
2.10. PUT /v2/loop/delete/{loopName}	5
2.10.1. Parameters	5
2.10.2. Responses	5
2.11. PUT /v2/loop/deploy/{loopName}	6
2.11.1. Parameters	6
2.11.2. Responses	6
2.11.3. Produces	6
2.12. GET /v2/loop/getAllNames	6
2.12.1. Responses	6
2.12.2. Produces	6
2.13. GET /v2/loop/getstatus/{loopName}	6
2.13.1. Parameters	6
2.13.2. Responses	7
2.13.3. Produces	7
2.14. PUT /v2/loop/refreshOpPolicyJsonSchema/{loopName}	7
2.14.1. Parameters	7
2.14.2. Responses	7
2.14.3. Produces	7
2.15. PUT /v2/loop/restart/{loopName}	7
2.15.1. Parameters	7
2.15.2. Responses	7
2.15.3. Produces	8
2.16. PUT /v2/loop/stop/{loopName}	8
2.16.1. Parameters	8
2.16.2. Responses	8
2.16.3. Produces	8
2.17. PUT /v2/loop/submit/{loopName}	8
2.17.1. Parameters	8
2.17.2. Responses	8
2.17.3. Produces	9
2.18. GET /v2/loop/svgRepresentation/{loopName}	9
2.18.1. Parameters	9
2.18.2. Responses	9
2.18.3. Produces	9
2.19. PUT /v2/loop/undeploy/{loopName}	9
2.19.1. Parameters	9

2.19.2. Responses	9
2.19.3. Produces	9
2.20. POST /v2/loop/updateGlobalProperties/{loopName}	10
2.20.1. Parameters	10
2.20.2. Responses	10
2.20.3. Consumes	10
2.20.4. Produces	10
2.21. POST /v2/loop/updateMicroservicePolicy/{loopName}	10
2.21.1. Parameters	10
2.21.2. Responses	10
2.21.3. Consumes	11
2.21.4. Produces	11
2.22. POST /v2/loop/updateOperationalPolicies/{loopName}	11
2.22.1. Parameters	11
2.22.2. Responses	11
2.22.3. Consumes	11
2.22.4. Produces	11
2.23. GET /v2/loop/{loopName}	11
2.23.1. Parameters	11
2.23.2. Responses	12
2.23.3. Produces	12
2.24. GET /v2/policyToscaModels	12
2.24.1. Responses	12
2.24.2. Produces	12
2.25. GET /v2/policyToscaModels/yaml/{policyModelType}	12
2.25.1. Parameters	12
2.25.2. Responses	12
2.25.3. Produces	12
2.26. GET /v2/policyToscaModels/{policyModelType}	13
2.26.1. Parameters	13
2.26.2. Responses	13
2.26.3. Produces	13
2.27. PUT /v2/policyToscaModels/{policyModelType}	13
2.27.1. Parameters	13
2.27.2. Responses	13
2.27.3. Consumes	13
2.27.4. Produces	13
2.28. GET /v2/templates	14

2.28.1. Responses	14
2.28.2. Produces	14
2.29. GET /v2/templates/names	14
2.29.1. Responses	14
2.29.2. Produces	14
2.30. GET /v2/templates/{templateName}	14
2.30.1. Parameters	14
2.30.2. Responses	14
2.30.3. Produces	14
3. Definitions	15
3.1. CldsHealthCheck	15
3.2. Dictionary	15
3.3. DictionaryElement	15
3.4. ExternalComponent	16
3.5. ExternalComponentState	16
3.6. JsonArray	17
3.7. JsonNull	18
3.8. JsonObject	19
3.9. JsonPrimitive	20
3.10. Loop	22
3.11. LoopElementModel	23
3.12. LoopLog	23
3.13. LoopTemplate	24
3.14. LoopTemplateLoopElementModel	25
3.15. MicroServicePolicy	25
3.16. Number	26
3.17. OperationalPolicy	26
3.18. PolicyModel	27
3.19. Service	27

Chapter 1. Overview

1.1. Version information

Version : 5.0.0-SNAPSHOT

1.2. URI scheme

Host : localhost:33631

BasePath : /restservices/clds/

Schemes : HTTP

Chapter 2. Paths

2.1. GET /v1/healthcheck

2.1.1. Responses

HTTP Code	Description	Schema
200	Output type	CldsHealthCheck

2.1.2. Produces

- `application/json`

2.2. GET /v1/user/getUser

2.2.1. Responses

HTTP Code	Schema
200	No Content

2.2.2. Produces

- `text/plain`

2.3. GET /v2/dictionary

2.3.1. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.3.2. Produces

- `application/json`

2.4. PUT /v2/dictionary

2.4.1. Parameters

Type	Name	Schema
Body	body <i>required</i>	Dictionary

2.4.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.4.3. Consumes

- `application/json`

2.4.4. Produces

- `application/json`

2.5. GET /v2/dictionary/secondary/names

2.5.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.5.2. Produces

- `application/json`

2.6. GET /v2/dictionary/{dictionaryName}

2.6.1. Parameters

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

2.6.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.6.3. Produces

- [application/json](#)

2.7. PUT /v2/dictionary/{name}

2.7.1. Parameters

Type	Name	Schema
Path	name <i>required</i>	string
Body	body <i>required</i>	Dictionary

2.7.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.7.3. Consumes

- [application/json](#)

2.7.4. Produces

- [application/json](#)

2.8. DELETE /v2/dictionary/{name}

2.8.1. Parameters

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

2.8.2. Responses

HTTP Code	Schema
200	No Content

2.8.3. Produces

- `application/json`

2.9. DELETE

`/v2/dictionary/{name}/elements/{shortName}`

2.9.1. Parameters

Type	Name	Schema
Path	name <i>required</i>	string
Path	shortName <i>required</i>	string

2.9.2. Responses

HTTP Code	Schema
200	No Content

2.9.3. Produces

- `application/json`

2.10. PUT `/v2/loop/delete/{loopName}`

2.10.1. Parameters

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

2.10.2. Responses

HTTP Code	Schema
200	No Content

2.11. PUT /v2/loop/deploy/{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	Loop

2.11.3. Produces

- `application/json`

2.12. GET /v2/loop/getAllNames

2.12.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.12.2. Produces

- `application/json`

2.13. GET /v2/loop/getstatus/{loopName}

2.13.1. Parameters

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

2.13.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.13.3. Produces

- [application/json](#)

2.14. PUT

/v2/loop/refreshOpPolicyJsonSchema/{loopName}

2.14.1. Parameters

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

2.14.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.14.3. Produces

- [application/json](#)

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

2.15.1. Parameters

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

2.15.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.15.3. Produces

- [application/json](#)

2.16. PUT /v2/loop/stop/{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](#)

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

2.17.1. Parameters

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

2.17.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.17.3. Produces

- `application/json`

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

2.18.1. Parameters

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

2.18.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.18.3. Produces

- `application/xml`

2.19. PUT /v2/loop/undeploy/{loopName}

2.19.1. Parameters

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

2.19.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.19.3. Produces

- `application/json`

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

2.20.1. Parameters

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

2.20.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.20.3. Consumes

- `application/json`

2.20.4. Produces

- `application/json`

2.21. POST

/v2/loop/updateMicroservicePolicy/{loopName}

2.21.1. Parameters

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

2.21.2. Responses

HTTP Code	Description	Schema
200	Output type	MicroServicePolicy

2.21.3. Consumes

- `application/json`

2.21.4. Produces

- `application/json`

2.22. POST

`/v2/loop/updateOperationalPolicies/{loopName}`

2.22.1. Parameters

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

2.22.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.22.3. Consumes

- `application/json`

2.22.4. Produces

- `application/json`

2.23. GET `/v2/loop/{loopName}`

2.23.1. Parameters

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

2.23.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.23.3. Produces

- [application/json](#)

2.24. GET /v2/policyToscaModels

2.24.1. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.24.2. Produces

- [application/json](#)

2.25. GET

/v2/policyToscaModels/yaml/{policyModelType}

2.25.1. Parameters

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

2.25.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.25.3. Produces

- [application/json](#)

2.26. GET /v2/policyToscaModels/{policyModelType}

2.26.1. Parameters

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

2.26.2. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.26.3. Produces

- [application/json](#)

2.27. PUT /v2/policyToscaModels/{policyModelType}

2.27.1. Parameters

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

2.27.2. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.27.3. Consumes

- [plain/text](#)

2.27.4. Produces

- [application/json](#)

2.28. GET /v2/templates

2.28.1. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.28.2. Produces

- `application/json`

2.29. GET /v2/templates/names

2.29.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.29.2. Produces

- `application/json`

2.30. GET /v2/templates/{templateName}

2.30.1. Parameters

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

2.30.2. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.30.3. 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. Dictionary

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dictionaryElements <i>optional</i>	< DictionaryElement > array
name <i>optional</i>	string
secondLevelDictionary <i>optional</i>	integer (int32)
subDictionaryType <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.3. DictionaryElement

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
description <i>optional</i>	string
name <i>optional</i>	string
shortName <i>optional</i>	string
subDictionary <i>optional</i>	string
type <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedDate <i>optional</i>	integer (int64)
usedByDictionaries <i>optional</i>	< Dictionary > array

3.4. ExternalComponent

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

3.5. ExternalComponentState

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

Name	Schema
stateName <i>optional</i>	string

3.6. 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
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
jsonArray <i>optional</i>	boolean
jsonNull <i>optional</i>	boolean
jsonObject <i>optional</i>	boolean
jsonPrimitive <i>optional</i>	boolean

3.7. 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
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

Name	Schema
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

3.8. JsonObject

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)

Name	Schema
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

3.9. JsonPrimitive

Name	Schema
asBigDecimal <i>optional</i>	number
asBigInteger <i>optional</i>	integer
asBoolean <i>optional</i>	boolean

Name	Schema
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
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

Name	Schema
number <i>optional</i>	boolean
string <i>optional</i>	boolean

3.10. Loop

Name	Schema
components <i>optional</i>	< string, ExternalComponent > map
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
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
loopTemplate <i>optional</i>	LoopTemplate
microServicePolicies <i>optional</i>	< MicroServicePolicy > array
modelService <i>optional</i>	Service
name <i>optional</i>	string
operationalPolicies <i>optional</i>	< OperationalPolicy > array
svgRepresentation <i>optional</i>	string

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

3.11. LoopElementModel

Name	Schema
blueprint <i>optional</i>	string
createdBy <i>optional</i>	string
createdAt <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string
loopElementType <i>optional</i>	string
name <i>optional</i>	string
policyModels <i>optional</i>	< PolicyModel > array
shortName <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)
usedByLoopTemplates <i>optional</i>	< LoopTemplateLoopElementModel > array

3.12. LoopLog

Name	Schema
id <i>optional</i>	integer (int64)

Name	Schema
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

3.13. LoopTemplate

Name	Schema
allowedLoopType <i>optional</i>	enum (OPEN, CLOSED, HYBRID)
blueprint <i>optional</i>	string
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string
loopElementModelsUsed <i>optional</i>	< LoopTemplateLoopElementModel > array
maximumInstancesAllowed <i>optional</i>	integer (int32)
modelService <i>optional</i>	Service
name <i>optional</i>	string
svgRepresentation <i>optional</i>	string
uniqueBlueprint <i>optional</i>	boolean

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

3.14. LoopTemplateLoopElementModel

Name	Schema
flowOrder <i>optional</i>	integer (int32)
loopElementModel <i>optional</i>	LoopElementModel
loopTemplate <i>optional</i>	LoopTemplate

3.15. MicroServicePolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
context <i>optional</i>	string
createdBy <i>optional</i>	string
createdAt <i>optional</i>	integer (int64)
dcaeBlueprintId <i>optional</i>	string
dcaeDeploymentId <i>optional</i>	string
dcaeDeploymentStatusUrl <i>optional</i>	string
deviceTypeScope <i>optional</i>	string
jsonRepresentation <i>optional</i>	JsonObject

Name	Schema
loopElementModel <i>optional</i>	LoopElementModel
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
policyModel <i>optional</i>	PolicyModel
shared <i>optional</i>	boolean
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)
usedByLoops <i>optional</i>	< Loop > array

3.16. Number

Type : object

3.17. OperationalPolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
createdBy <i>optional</i>	string
createdAt <i>optional</i>	integer (int64)
jsonRepresentation <i>optional</i>	JsonObject
loop <i>optional</i>	Loop
loopElementModel <i>optional</i>	LoopElementModel

Name	Schema
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
policyModel <i>optional</i>	PolicyModel
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)

3.18. PolicyModel

Name	Schema
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
policyAcronym <i>optional</i>	string
policyModelTosca <i>optional</i>	string
policyModelType <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)
usedByElementModels <i>optional</i>	< LoopElementModel > array
version <i>optional</i>	string

3.19. Service

Name	Schema
name <i>optional</i>	string
resourceDetails <i>optional</i>	JsonObject
serviceDetails <i>optional</i>	JsonObject
serviceUuid <i>optional</i>	string
version <i>optional</i>	string