

Clamp Rest API

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Chapter 1. Overview

1.1. Version information

Version : 6.1.1-SNAPSHOT

1.2. URI scheme

Host : localhost:37747

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/clampInformation

2.3.1. Responses

HTTP Code	Description	Schema
200	Output type	ClampInformation

2.3.2. Produces

- `application/json`

2.4. GET /v2/dictionary

2.4.1. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.4.2. Produces

- [application/json](#)

2.5. PUT /v2/dictionary

2.5.1. Parameters

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

2.5.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.5.3. Consumes

- [application/json](#)

2.5.4. Produces

- [application/json](#)

2.6. GET /v2/dictionary/secondary/names

2.6.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.6.2. Produces

- `application/json`

2.7. GET /v2/dictionary/{dictionaryName}

2.7.1. Parameters

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

2.7.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.7.3. Produces

- `application/json`

2.8. PUT /v2/dictionary/{name}

2.8.1. Parameters

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

2.8.2. Responses

HTTP Code	Description	Schema
200	Output type	Dictionary

2.8.3. Consumes

- `application/json`

2.8.4. Produces

- `application/json`

2.9. DELETE /v2/dictionary/{name}

2.9.1. Parameters

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

2.9.2. Responses

HTTP Code	Schema
200	No Content

2.9.3. Produces

- `application/json`

2.10. DELETE /v2/dictionary/{name}/elements/{shortName}

2.10.1. Parameters

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

2.10.2. Responses

HTTP Code	Schema
200	No Content

2.10.3. Produces

- `application/json`

2.11. PUT

/v2/loop/addOperationaPolicy/{loopName}/policyModel/{policyType}/{policyVersion}

2.11.1. Parameters

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

2.11.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.11.3. Produces

- [application/json](#)

2.12. POST

/v2/loop/create/{loopName}?templateName={templateName}

2.12.1. Parameters

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

2.12.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.12.3. Consumes

- `application/json`

2.12.4. Produces

- `application/json`

2.13. PUT /v2/loop/delete/{loopName}

2.13.1. Parameters

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

2.13.2. Responses

HTTP Code	Schema
200	No Content

2.14. PUT /v2/loop/deploy/{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. GET /v2/loop/getAllNames

2.15.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.15.2. Produces

- `application/json`

2.16. GET /v2/loop/getstatus/{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/refreshMicroServicePolicyJsonSchema/{loopName}/{microServicePolicyName}

2.17.1. Parameters

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

2.17.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.17.3. Produces

- `application/json`

2.18. PUT

`/v2/loop/refreshOperationalPolicyJsonSchema/{loopName}/{operationalPolicyName}`

2.18.1. Parameters

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

2.18.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.18.3. Produces

- `application/json`

2.19. PUT

/v2/loop/removeOperationalPolicy/{loopName}/policyModel/{policyType}/{policyVersion}/{policyName}

2.19.1. Parameters

Type	Name	Schema
Path	loopName <i>required</i>	string
Path	policyName <i>required</i>	string
Path	policyType <i>required</i>	string
Path	policyVersion <i>required</i>	string

2.19.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.19.3. Produces

- [application/json](#)

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

2.20.1. Parameters

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

2.20.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.20.3. Produces

- [application/json](#)

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

2.21.1. Parameters

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

2.21.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.21.3. Produces

- [application/json](#)

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

2.22.1. Parameters

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

2.22.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.22.3. Produces

- `application/json`

2.23. PUT /v2/loop/undeploy/{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. POST /v2/loop/updateGlobalProperties/{loopName}

2.24.1. Parameters

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

2.24.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.24.3. Consumes

- `application/json`

2.24.4. Produces

- `application/json`

2.25. POST

`/v2/loop/updateMicroservicePolicy/{loopName}`

2.25.1. Parameters

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

2.25.2. Responses

HTTP Code	Description	Schema
200	Output type	MicroServicePolicy

2.25.3. Consumes

- `application/json`

2.25.4. Produces

- `application/json`

2.26. POST

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

2.26.1. Parameters

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

2.26.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.26.3. Consumes

- `application/json`

2.26.4. Produces

- `application/json`

2.27. GET /v2/loop/{loopName}

2.27.1. Parameters

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

2.27.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.27.3. Produces

- `application/json`

2.28. GET /v2/policies

2.28.1. Responses

HTTP Code	Description	Schema
200	Output type	JsonObject

2.28.2. Produces

- `application/json`

2.29. PUT /v2/policies/pdpDeployment

2.29.1. Parameters

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

2.29.2. Responses

HTTP Code	Schema
200	No Content

2.29.3. Consumes

- `application/json`

2.30. POST /v2/policies/policytype

2.30.1. Parameters

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

2.30.2. Responses

HTTP Code	Schema
200	No Content

2.30.3. Consumes

- `plain/text`

2.31. POST

/v2/policies/{policyModelType}/{policyModelVersion}/{policyName}/{policyVersion}

2.31.1. Parameters

Type	Name	Schema
Path	policyModelType <i>required</i>	string
Path	policyModelVersion <i>required</i>	string
Path	policyName <i>required</i>	string
Path	policyVersion <i>required</i>	string
Body	body <i>required</i>	JsonElement

2.31.2. Responses

HTTP Code	Description	Schema
200	Output type	JsonObject

2.31.3. Consumes

- [application/json](#)

2.31.4. Produces

- [application/json](#)

2.32. DELETE

/v2/policies/{policyModelType}/{policyModelVersion}/{policyName}/{policyVersion}

2.32.1. Parameters

Type	Name	Schema
Path	policyModelType <i>required</i>	string
Path	policyModelVersion <i>required</i>	string
Path	policyName <i>required</i>	string
Path	policyVersion <i>required</i>	string

2.32.2. Responses

HTTP Code	Schema
200	No Content

2.33. GET /v2/policyToscaModels

2.33.1. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.33.2. Produces

- `application/json`

2.34. GET

/v2/policyToscaModels/yaml/{policyModelType}/{policyModelVersion}

2.34.1. Parameters

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

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

2.34.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.34.3. Produces

- `application/json`

2.35. GET

/v2/policyToscaModels/{policyModelType}/{policyModelVersion}

2.35.1. Parameters

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

2.35.2. Responses

HTTP Code	Description	Schema
200	Output type	JsonObject

2.35.3. Produces

- `application/json`

2.36. GET /v2/templates

2.36.1. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.36.2. Produces

- `application/json`

2.37. GET /v2/templates/names

2.37.1. Responses

HTTP Code	Description	Schema
200	Output type	< string > array

2.37.2. Produces

- `application/json`

2.38. GET /v2/templates/{templateName}

2.38.1. Parameters

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

2.38.2. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.38.3. Produces

- `application/json`

Chapter 3. Definitions

3.1. ClampInformation

Name	Schema
allPermissions <i>optional</i>	< string > array
cldsVersion <i>optional</i>	string
userName <i>optional</i>	string

3.2. CldsHealthCheck

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

3.3. 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)

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

3.4. DictionaryElement

Name	Schema
createdBy <i>optional</i>	string
createdAt <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
updatedAt <i>optional</i>	integer (int64)
usedByDictionaries <i>optional</i>	< Dictionary > array

3.5. ExternalComponent

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

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

3.6. ExternalComponentState

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

3.7. 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

Name	Schema
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

3.8. JsonElement

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)

Name	Schema
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

3.9. JsonNull

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

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

3.10. 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)
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

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

3.11. 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)

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

3.12. 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

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

3.13. 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

Name	Schema
shortName <i>optional</i>	string
updatedBy <i>optional</i>	string
updatedAt <i>optional</i>	integer (int64)
usedByLoopTemplates <i>optional</i>	< LoopTemplateLoopElementModel > array

3.14. 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

3.15. 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)

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

3.16. LoopTemplateLoopElementModel

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

3.17. MicroServicePolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
context <i>optional</i>	string
createdBy <i>optional</i>	string

Name	Schema
createdDate <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
loopElementModel <i>optional</i>	LoopElementModel
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
pdpSubgroup <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

3.18. Number

Type : object

3.19. OperationalPolicy

Name	Schema
configurationsJson <i>optional</i>	JsonObject
createdBy <i>optional</i>	string
createdDate <i>optional</i>	integer (int64)
jsonRepresentation <i>optional</i>	JsonObject
loop <i>optional</i>	Loop
loopElementModel <i>optional</i>	LoopElementModel
name <i>optional</i>	string
pdpGroup <i>optional</i>	string
pdpSubgroup <i>optional</i>	string
policyModel <i>optional</i>	PolicyModel
updatedBy <i>optional</i>	string
updatedDate <i>optional</i>	integer (int64)

3.20. PolicyModel

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

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

3.21. 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