Clamp Rest API

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Chapter 1. Overview

1.1. Version information

Version: 5.0.0-SNAPSHOT

1.2. URI scheme

Host: localhost:40805

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

Туре	Name	Schema
Body	body required	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

Туре	Name	Schema
Path	dictionaryName required	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

Туре	Name	Schema
Path	name required	string
Body	body required	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

Туре	Name	Schema
Path	name required	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

Туре	Name	Schema
Path	name required	string
Path	shortName required	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

Туре	Name	Schema
Path	loopName required	string

2.10.2. Responses

HTTP Code	Schema
200	No Content

2.11. PUT /v2/loop/deploy/{loopName}

2.11.1. Parameters

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	loopName required	string

2.19.2. Responses

HTTP Code	Description	Schema
200	Output type	Loop

2.19.3. Produces

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

2.20.1. Parameters

Туре	Name	Schema
Path	loopName required	string
Body	body required	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

Туре	Name	Schema
Path	loopName required	string
Body	body required	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

Туре	Name	Schema
Path	loopName required	string
Body	body required	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

Туре	Name	Schema
Path	loopName required	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

Туре	Name	Schema
Path	policyModelType required	string

2.25.2. Responses

HTTP Code	Description	Schema
200	Output type	string

2.25.3. Produces

2.26. GET /v2/policyToscaModels/{policyModelType}

2.26.1. Parameters

Туре	Name	Schema
Path	policyModelType required	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

Туре	Name	Schema
Path	policyModelType required	string
Body	body required	string

2.27.2. Responses

HTTP Code	Description	Schema
200	Output type	PolicyModel

2.27.3. Consumes

• plain/text

2.27.4. Produces

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

HT	Description	Schema
200	Output type	< string > array

2.29.2. Produces

• application/json

2.30. GET /v2/templates/{templateName}

2.30.1. Parameters

Туре	Name	Schema
Path	templateName required	string

2.30.2. Responses

HTTP Code	Description	Schema
200	Output type	LoopTemplate

2.30.3. Produces

Chapter 3. Definitions

3.1. CldsHealthCheck

Name	Schema
description optional	string
healthCheckComponent optional	string
healthCheckStatus optional	string

3.2. Dictionary

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

3.3. DictionaryElement

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

3.4. ExternalComponent

Name	Schema
componentName optional	string
state optional	ExternalComponentState

${\bf 3.5.} \ External Component State$

Name	Schema
description optional	string
level optional	integer (int32)

Name	Schema
stateName optional	string

3.6. JsonArray

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

Name	Schema
asString optional	string
jsonArray optional	boolean
jsonNull optional	boolean
jsonObject optional	boolean
jsonPrimitive optional	boolean

3.7. JsonNull

Name	Schema
asBigDecimal optional	number
asBigInteger optional	integer
asBoolean optional	boolean
asByte optional	string (byte)
asCharacter optional	string
asDouble optional	number (double)
asFloat optional	number (float)
asInt optional	integer (int32)
asJsonArray optional	JsonArray
asJsonNull optional	JsonNull
asJsonObject optional	JsonObject

Name	Schema
asJsonPrimitive optional	JsonPrimitive
asLong optional	integer (int64)
asNumber optional	Number
asShort optional	integer (int32)
asString optional	string
jsonArray optional	boolean
jsonNull optional	boolean
jsonObject optional	boolean
jsonPrimitive optional	boolean

3.8. JsonObject

Name	Schema
asBigDecimal optional	number
asBigInteger optional	integer
asBoolean optional	boolean
asByte optional	string (byte)
asCharacter optional	string
asDouble optional	number (double)
asFloat optional	number (float)

Name	Schema
asInt optional	integer (int32)
asJsonArray optional	JsonArray
asJsonNull optional	JsonNull
asJsonObject optional	JsonObject
asJsonPrimitive optional	JsonPrimitive
asLong optional	integer (int64)
asNumber optional	Number
asShort optional	integer (int32)
asString optional	string
jsonArray optional	boolean
jsonNull optional	boolean
jsonObject optional	boolean
jsonPrimitive optional	boolean

3.9. JsonPrimitive

Name	Schema
asBigDecimal optional	number
asBigInteger optional	integer
asBoolean optional	boolean

Name	Schema
asByte optional	string (byte)
asCharacter optional	string
asDouble optional	number (double)
asFloat optional	number (float)
asInt optional	integer (int32)
asJsonArray optional	JsonArray
asJsonNull optional	JsonNull
asJsonObject optional	JsonObject
asJsonPrimitive optional	JsonPrimitive
asLong optional	integer (int64)
asNumber optional	Number
asShort optional	integer (int32)
asString optional	string
boolean optional	boolean
jsonArray optional	boolean
jsonNull optional	boolean
jsonObject optional	boolean
jsonPrimitive optional	boolean

Name	Schema
number optional	boolean
string optional	boolean

3.10. Loop

Name	Schema
components optional	< string, ExternalComponent > map
createdBy optional	string
createdDate optional	integer (int64)
dcaeDeploymentId optional	string
dcaeDeploymentStatusUrl optional	string
globalPropertiesJson optional	JsonObject
lastComputedState optional	enum (DESIGN, SUBMITTED, DEPLOYED, RUNNING, STOPPED, IN_ERROR, WAITING)
loopLogs optional	< LoopLog > array
loopTemplate optional	LoopTemplate
microServicePolicies optional	< MicroServicePolicy > array
modelService optional	Service
name optional	string
operationalPolicies optional	< OperationalPolicy > array
svgRepresentation optional	string

Name	Schema
updatedBy optional	string
updatedDate optional	integer (int64)

3.11. LoopElementModel

Name	Schema
blueprint optional	string
createdBy optional	string
createdDate optional	integer (int64)
dcaeBlueprintId optional	string
loopElementType optional	string
name optional	string
policyModels optional	< PolicyModel > array
shortName optional	string
updatedBy optional	string
updatedDate optional	integer (int64)
usedByLoopTemplates optional	< LoopTemplateLoopElementModel > array

3.12. LoopLog

Name	Schema
id optional	integer (int64)

Name	Schema
logComponent optional	string
logInstant optional	integer (int64)
logType optional	enum (INFO, WARNING, ERROR)
loop optional	Loop
message optional	string

3.13. LoopTemplate

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

Name	Schema
updatedBy optional	string
updatedDate optional	integer (int64)

${\bf 3.14.\ Loop Template Loop Element Model}$

Name	Schema
flowOrder optional	integer (int32)
loopElementModel optional	LoopElementModel
loopTemplate optional	LoopTemplate

3.15. MicroServicePolicy

Name	Schema
configurationsJson optional	JsonObject
context optional	string
createdBy optional	string
createdDate optional	integer (int64)
dcaeBlueprintId optional	string
dcaeDeploymentId optional	string
dcaeDeploymentStatusUrl optional	string
deviceTypeScope optional	string
jsonRepresentation optional	JsonObject

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

3.16. Number

Type: object

3.17. Operational Policy

Name	Schema
configurationsJson optional	JsonObject
createdBy optional	string
createdDate optional	integer (int64)
jsonRepresentation optional	JsonObject
legacy optional	boolean

Name	Schema
loop optional	Loop
loopElementModel optional	LoopElementModel
name optional	string
pdpGroup optional	string
pdpSubgroup optional	string
policyModel optional	PolicyModel
updatedBy optional	string
updatedDate optional	integer (int64)

3.18. PolicyModel

Name	Schema
createdBy optional	string
createdDate optional	integer (int64)
policyAcronym optional	string
policyModelTosca optional	string
policyModelType optional	string
policyPdpGroup optional	JsonObject
updatedBy optional	string
updatedDate optional	integer (int64)

Name	Schema
usedByElementModels optional	< LoopElementModel > array
version optional	string

3.19. Service

Name	Schema
name optional	string
resourceDetails optional	JsonObject
serviceDetails optional	JsonObject
serviceUuid optional	string
version optional	string