

Clamp Rest API

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Chapter 1. Overview

1.1. Version information

Version : 4.1.2-SNAPSHOT

1.2. URI scheme

Host : localhost:34219

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 |