

# Clamp Rest API

# Table of Contents

- 1. Overview ..... 1
  - 1.1. Version information ..... 1
  - 1.2. URI scheme..... 1
- 2. Paths ..... 2
  - 2.1. PUT /clds/action/{action}/{modelName}?test={test}..... 2
    - 2.1.1. Parameters ..... 2
    - 2.1.2. Responses ..... 2
    - 2.1.3. Consumes ..... 2
    - 2.1.4. Produces ..... 2
  - 2.2. GET /clds/cldsDetails ..... 2
    - 2.2.1. Responses ..... 2
    - 2.2.2. Produces ..... 2
  - 2.3. GET /clds/cldsInfo ..... 3
    - 2.3.1. Responses ..... 3
    - 2.3.2. Produces ..... 3
  - 2.4. POST /clds/dcae/event?test={test}..... 3
    - 2.4.1. Parameters ..... 3
    - 2.4.2. Responses ..... 3
    - 2.4.3. Consumes ..... 3
    - 2.4.4. Produces ..... 3
  - 2.5. PUT /clds/deploy/{modelName}..... 3
    - 2.5.1. Parameters ..... 3
    - 2.5.2. Responses ..... 4
    - 2.5.3. Consumes ..... 4
    - 2.5.4. Produces ..... 4
  - 2.6. GET /clds/model-names ..... 4
    - 2.6.1. Responses ..... 4
    - 2.6.2. Produces ..... 4
  - 2.7. GET /clds/model/bpmn/{modelName} ..... 4
    - 2.7.1. Parameters ..... 4
    - 2.7.2. Responses ..... 4
    - 2.7.3. Produces ..... 5
  - 2.8. GET /clds/model/image/{modelName}..... 5
    - 2.8.1. Parameters ..... 5
    - 2.8.2. Responses ..... 5
    - 2.8.3. Produces ..... 5

2.9. GET /clds/model/{modelName} .....	5
2.9.1. Parameters .....	5
2.9.2. Responses .....	5
2.9.3. Produces .....	5
2.10. PUT /clds/model/{modelName} .....	5
2.10.1. Parameters .....	6
2.10.2. Responses .....	6
2.10.3. Consumes .....	6
2.10.4. Produces .....	6
2.11. GET /clds/properties .....	6
2.11.1. Responses .....	6
2.11.2. Produces .....	6
2.12. GET /clds/properties/{serviceInvariantUUID}?refresh={refresh} .....	6
2.12.1. Parameters .....	6
2.12.2. Responses .....	7
2.12.3. Produces .....	7
2.13. GET /clds/sdc/services .....	7
2.13.1. Responses .....	7
2.13.2. Produces .....	7
2.14. PUT /clds/undeploy/{modelName} .....	7
2.14.1. Parameters .....	7
2.14.2. Responses .....	7
2.14.3. Consumes .....	8
2.14.4. Produces .....	8
2.15. GET /cldsTempate/template-names .....	8
2.15.1. Responses .....	8
2.15.2. Produces .....	8
2.16. GET /cldsTempate/template/bpmn/{templateName} .....	8
2.16.1. Parameters .....	8
2.16.2. Responses .....	8
2.16.3. Produces .....	8
2.17. GET /cldsTempate/template/image/{templateName} .....	8
2.17.1. Parameters .....	8
2.17.2. Responses .....	9
2.17.3. Produces .....	9
2.18. GET /cldsTempate/template/{templateName} .....	9
2.18.1. Parameters .....	9
2.18.2. Responses .....	9

2.18.3. Produces .....	9
2.19. PUT /cldsTempate/template/{templateName} .....	9
2.19.1. Parameters .....	9
2.19.2. Responses .....	10
2.19.3. Consumes .....	10
2.19.4. Produces .....	10
2.20. GET /dictionary .....	10
2.20.1. Responses .....	10
2.20.2. Produces .....	10
2.21. PUT /dictionary/{dictionaryName} .....	10
2.21.1. Parameters .....	10
2.21.2. Responses .....	10
2.21.3. Consumes .....	11
2.21.4. Produces .....	11
2.22. GET /dictionary/{dictionaryName}/items .....	11
2.22.1. Parameters .....	11
2.22.2. Responses .....	11
2.22.3. Produces .....	11
2.23. PUT /dictionary/{dictionaryName}/items .....	11
2.23.1. Parameters .....	11
2.23.2. Responses .....	11
2.23.3. Consumes .....	12
2.23.4. Produces .....	12
2.24. GET /healthcheck .....	12
2.24.1. Responses .....	12
2.24.2. Produces .....	12
2.25. GET /tosca/models .....	12
2.25.1. Responses .....	12
2.25.2. Produces .....	12
2.26. GET /tosca/models/policyType/{policyType} .....	12
2.26.1. Parameters .....	12
2.26.2. Responses .....	12
2.26.3. Produces .....	13
2.27. GET /tosca/models/{toscaModelName} .....	13
2.27.1. Parameters .....	13
2.27.2. Responses .....	13
2.27.3. Produces .....	13
2.28. PUT /tosca/models/{toscaModelName} .....	13

- 2.28.1. Parameters ..... 13
- 2.28.2. Responses ..... 13
- 2.28.3. Consumes ..... 14
- 2.28.4. Produces ..... 14
- 2.29. GET /user/getUser ..... 14
  - 2.29.1. Responses ..... 14
  - 2.29.2. Produces ..... 14
- 3. Definitions ..... 15
  - 3.1. CldsDictionary ..... 15
  - 3.2. CldsDictionaryItem ..... 15
  - 3.3. CldsEvent ..... 16
  - 3.4. CldsInfo ..... 16
  - 3.5. CldsModel ..... 17
  - 3.6. CldsModelInstance ..... 18
  - 3.7. CldsMonitoringDetails ..... 18
  - 3.8. CldsTemplate ..... 19
  - 3.9. CldsToscaModel ..... 20
  - 3.10. DcaeEvent ..... 20
  - 3.11. ValueItem ..... 21

# Chapter 1. Overview

## 1.1. Version information

*Version* : 3.0.1-SNAPSHOT

## 1.2. URI scheme

*Host* : 0.0.0.0

*BasePath* : /restservices/clds/v1/

*Schemes* : HTTP

# Chapter 2. Paths

## 2.1. PUT /clds/action/{action}/{modelName}?test={test}

### 2.1.1. Parameters

Type	Name	Schema
Path	<b>action</b> <i>required</i>	string
Path	<b>modelName}?test={test</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.1.2. Responses

HTTP Code	Schema
200	No Content

### 2.1.3. Consumes

- [application/json](#)

### 2.1.4. Produces

- [application/json](#)

## 2.2. GET /clds/cldsDetails

### 2.2.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsMonitoringDetails</a>

### 2.2.2. Produces

- [application/json](#)

## 2.3. GET /clds/cldsInfo

### 2.3.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsInfo</a>

### 2.3.2. Produces

- [application/json](#)

## 2.4. POST /clds/dcae/event?test={test}

### 2.4.1. Parameters

Type	Name	Schema
Body	<b>body</b> <i>required</i>	<a href="#">DcaeEvent</a>

### 2.4.2. Responses

HTTP Code	Schema
200	No Content

### 2.4.3. Consumes

- [application/json](#)

### 2.4.4. Produces

- [application/json](#)

## 2.5. PUT /clds/deploy/{modelName}

### 2.5.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string



Type	Name	Schema
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

## 2.5.2. Responses

HTTP Code	Schema
200	No Content

## 2.5.3. Consumes

- [application/json](#)

## 2.5.4. Produces

- [application/json](#)

# 2.6. GET /clds/model-names

## 2.6.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">ValueItem</a>

## 2.6.2. Produces

- [application/json](#)

# 2.7. GET /clds/model/bpmn/{modelName}

## 2.7.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

## 2.7.2. Responses

HTTP Code	Schema
200	No Content

### 2.7.3. Produces

- `text/xml`

## 2.8. GET /clds/model/image/{modelName}

### 2.8.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

### 2.8.2. Responses

HTTP Code	Schema
200	No Content

### 2.8.3. Produces

- `text/xml`

## 2.9. GET /clds/model/{modelName}

### 2.9.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string

### 2.9.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsModel</a>

### 2.9.3. Produces

- `application/json`

## 2.10. PUT /clds/model/{modelName}

### 2.10.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.10.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsModel</a>

### 2.10.3. Consumes

- [application/json](#)

### 2.10.4. Produces

- [application/json](#)

## 2.11. GET /clds/properties

### 2.11.1. Responses

HTTP Code	Schema
200	No Content

### 2.11.2. Produces

- [application/json](#)

## 2.12. GET

**/clds/properties/{serviceInvariantUUID}?refresh={refresh}**

### 2.12.1. Parameters

Type	Name	Schema
Path	<b>serviceInvariantUUID}?refresh={refresh}</b> <i>required</i>	string

### 2.12.2. Responses

HTTP Code	Schema
200	No Content

### 2.12.3. Produces

- `application/json`

## 2.13. GET /clds/sdc/services

### 2.13.1. Responses

HTTP Code	Schema
200	No Content

### 2.13.2. Produces

- `application/json`

## 2.14. PUT /clds/undeploy/{modelName}

### 2.14.1. Parameters

Type	Name	Schema
Path	<b>modelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsModel</a>

### 2.14.2. Responses

HTTP Code	Schema
200	No Content

### 2.14.3. Consumes

- `application/json`

### 2.14.4. Produces

- `application/json`

## 2.15. GET /cldsTempate/template-names

### 2.15.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">ValueItem</a>

### 2.15.2. Produces

- `application/json`

## 2.16. GET /cldsTempate/template/bpmn/{templateName}

### 2.16.1. Parameters

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

### 2.16.2. Responses

HTTP Code	Schema
200	No Content

### 2.16.3. Produces

- `text/xml`

## 2.17. GET /cldsTempate/template/image/{templateName}

### 2.17.1. Parameters

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

## 2.17.2. Responses

HTTP Code	Schema
200	No Content

## 2.17.3. Produces

- `text/xml`

# 2.18. GET /cldsTempate/template/{templateName}

## 2.18.1. Parameters

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

## 2.18.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsTemplate</a>

## 2.18.3. Produces

- `application/json`

# 2.19. PUT /cldsTempate/template/{templateName}

## 2.19.1. Parameters

Type	Name	Schema
Path	<b>templateName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsTemplate</a>

## 2.19.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsTemplate</a>

## 2.19.3. Consumes

- `application/json`

## 2.19.4. Produces

- `application/json`

# 2.20. GET /dictionary

## 2.20.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsDictionary</a>

## 2.20.2. Produces

- `application/json`

# 2.21. PUT /dictionary/{dictionaryName}

## 2.21.1. Parameters

Type	Name	Schema
Path	<b>dictionaryName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsDictionary</a>

## 2.21.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsDictionary</a>

### 2.21.3. Consumes

- `application/json`

### 2.21.4. Produces

- `application/json`

## 2.22. GET /dictionary/{dictionaryName}/items

### 2.22.1. Parameters

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

### 2.22.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsDictionary</a>

### 2.22.3. Produces

- `application/json`

## 2.23. PUT /dictionary/{dictionaryName}/items

### 2.23.1. Parameters

Type	Name	Schema
Path	<b>dictionaryName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsDictionaryItem</a>

### 2.23.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsDictionaryItem</a>



### 2.23.3. Consumes

- `application/json`

### 2.23.4. Produces

- `application/json`

## 2.24. GET /healthcheck

### 2.24.1. Responses

HTTP Code	Schema
200	No Content

### 2.24.2. Produces

- `application/json`

## 2.25. GET /tosca/models

### 2.25.1. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsToscaModel</a>

### 2.25.2. Produces

- `application/json`

## 2.26. GET /tosca/models/policyType/{policyType}

### 2.26.1. Parameters

Type	Name	Schema
Path	<b>policyType</b> <i>required</i>	string

### 2.26.2. Responses

HTTP Code	Schema
200	No Content

### 2.26.3. Produces

- `application/json`

## 2.27. GET /tosca/models/{toscaModelName}

### 2.27.1. Parameters

Type	Name	Schema
Path	<b>toscaModelName</b> <i>required</i>	string

### 2.27.2. Responses

HTTP Code	Description	Schema
200	Output type	<a href="#">CldsToscaModel</a>

### 2.27.3. Produces

- `application/json`

## 2.28. PUT /tosca/models/{toscaModelName}

### 2.28.1. Parameters

Type	Name	Schema
Path	<b>toscaModelName</b> <i>required</i>	string
Body	<b>body</b> <i>required</i>	<a href="#">CldsToscaModel</a>

### 2.28.2. Responses

HTTP Code	Schema
200	No Content

### 2.28.3. Consumes

- `application/json`

### 2.28.4. Produces

- `application/json`

## 2.29. GET /user/getUser

### 2.29.1. Responses

HTTP Code	Schema
200	No Content

### 2.29.2. Produces

- `text/plain`

# Chapter 3. Definitions

## 3.1. CldsDictionary

Name	Schema
<b>cldsDictionaryItems</b> <i>optional</i>	< <a href="#">CldsDictionaryItem</a> > array
<b>createdBy</b> <i>optional</i>	string
<b>dictionaryId</b> <i>optional</i>	string
<b>dictionaryName</b> <i>optional</i>	string
<b>lastUpdatedDate</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string

## 3.2. CldsDictionaryItem

Name	Schema
<b>createdBy</b> <i>optional</i>	string
<b>dictElementDesc</b> <i>optional</i>	string
<b>dictElementId</b> <i>optional</i>	string
<b>dictElementName</b> <i>optional</i>	string
<b>dictElementShortName</b> <i>optional</i>	string
<b>dictElementType</b> <i>optional</i>	string
<b>dictionaryId</b> <i>optional</i>	string

Name	Schema
<b>lastUpdatedDate</b> <i>optional</i>	string
<b>updatedBy</b> <i>optional</i>	string

### 3.3. CldsEvent

Name	Schema
<b>actionCd</b> <i>optional</i>	string
<b>actionStateCd</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>processInstanceId</b> <i>optional</i>	string
<b>userid</b> <i>optional</i>	string

### 3.4. CldsInfo

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

Name	Schema
<b>userName</b> <i>optional</i>	string

### 3.5. CldsModel

Name	Schema
<b>blueprintText</b> <i>optional</i>	string
<b>bpmnText</b> <i>optional</i>	string
<b>cldsModelInstanceList</b> <i>optional</i>	< <a href="#">CldsModelInstance</a> > array
<b>controlName</b> <i>optional</i>	string
<b>controlNamePrefix</b> <i>optional</i>	string
<b>controlNameUuid</b> <i>optional</i>	string
<b>deploymentId</b> <i>optional</i>	string
<b>docText</b> <i>optional</i>	string
<b>errorMessageForUi</b> <i>optional</i>	string
<b>event</b> <i>optional</i>	<a href="#">CldsEvent</a>
<b>id</b> <i>optional</i>	string
<b>imageText</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>permittedActionCd</b> <i>optional</i>	< string > array
<b>propText</b> <i>optional</i>	string

Name	Schema
<b>status</b> <i>optional</i>	string
<b>templateId</b> <i>optional</i>	string
<b>templateName</b> <i>optional</i>	string
<b>typeId</b> <i>optional</i>	string
<b>typeName</b> <i>optional</i>	string

### 3.6. CldsModelInstance

Name	Schema
<b>location</b> <i>optional</i>	string
<b>modelInstanceId</b> <i>optional</i>	string
<b>vmName</b> <i>optional</i>	string

### 3.7. CldsMonitoringDetails

Name	Schema
<b>action</b> <i>optional</i>	string
<b>closeLoopName</b> <i>optional</i>	string
<b>deploymentId</b> <i>optional</i>	string
<b>modelName</b> <i>optional</i>	string
<b>serviceTypeId</b> <i>optional</i>	string
<b>templateName</b> <i>optional</i>	string

Name	Schema
<b>timestamp</b> <i>optional</i>	string
<b>userid</b> <i>optional</i>	string

### 3.8. CldsTemplate

Name	Schema
<b>bpmnId</b> <i>optional</i>	string
<b>bpmnText</b> <i>optional</i>	string
<b>bpmnUserId</b> <i>optional</i>	string
<b>controlNamePrefix</b> <i>optional</i>	string
<b>controlNameUuid</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>imageId</b> <i>optional</i>	string
<b>imageText</b> <i>optional</i>	string
<b>imageUserId</b> <i>optional</i>	string
<b>name</b> <i>optional</i>	string
<b>propId</b> <i>optional</i>	string
<b>propText</b> <i>optional</i>	string
<b>propUserId</b> <i>optional</i>	string
<b>userAuthorizedToUpdate</b> <i>optional</i>	boolean



### 3.9. CldsToscaModel

Name	Schema
<b>createdDate</b> <i>optional</i>	string
<b>id</b> <i>optional</i>	string
<b>lastUpdatedDate</b> <i>optional</i>	string
<b>policyType</b> <i>optional</i>	string
<b>revisionId</b> <i>optional</i>	string
<b>toscaModelJson</b> <i>optional</i>	string
<b>toscaModelName</b> <i>optional</i>	string
<b>toscaModelYaml</b> <i>optional</i>	string
<b>userId</b> <i>optional</i>	string
<b>version</b> <i>optional</i>	number (double)

### 3.10. DcaeEvent

Name	Schema
<b>artifactName</b> <i>optional</i>	string
<b>cldsActionCd</b> <i>optional</i>	string
<b>controlName</b> <i>optional</i>	string
<b>event</b> <i>optional</i>	string
<b>instances</b> <i>optional</i>	< <a href="#">CldsModelInstance</a> > array

Name	Schema
<b>resourceUUID</b> <i>optional</i>	string
<b>serviceUUID</b> <i>optional</i>	string

### 3.11. ValueItem

Name	Schema
<b>value</b> <i>optional</i>	string