GLM RESTful APIs

Version 1.0

Contents

[RESTful APIs 1](#_Toc400992451)

[1. Search 1](#_Toc400992452)

[2. Document 2](#_Toc400992453)

[3. Transactions 2](#_Toc400992454)

# RESTful APIs

## Search

End point:

* Port 8030
* /v1/resources/search
* http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search

GET Parameters:

|  |  |
| --- | --- |
| **Parameter** | **Notes** |
| rs:start | Page number. Default is 1. Used in combination with rs:pageLength parameter. |
| rs:pageLength | Default is 10. |
| rs:q | search string that supports rich search grammar, such as AND, OR, Exclude (-), NEAR, GE, LE, etc. |
| rs:format | xml or json |

Example Requests:

| **#** | **GET Request URL** |
| --- | --- |
| 1 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=RU0\*99](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=RU0*99) |
| 2 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0\*99](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0*99) |
| 3 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0\*199](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0*199) |

## Document

End point:

* Port 8030
* /v1/resources/document
* http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/document

Operations:

|  |  |
| --- | --- |
| **Operation** | **Notes** |
| GET | Parameter: rs:uri  Parameter: rs:txid – transaction-id (optional) |
| PUT | Parameter: rs:uri – document identifier  Parameter: rs:txid – transaction-id (optional)  Payload: well-formed XML doc replaces the existing document |
| POST | Parameter: rs:uri  Parameter: rs:txid – transaction-id (optional)  Payload: well-formed XML doc replaces the existing document |
| DELETE | Parameter: rs:uri |

## Transactions

End point:

* Port 8030
* /v1/resources/transactions
* http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/transactions

Parameters:

|  |  |
| --- | --- |
| **Operation** | **Notes** |
| GET | Parameter: rs:uri  Parameter: rs:txid – transaction-id (optional) |
| PUT | Parameter: rs:uri – document identifier  Parameter: rs:txid – transaction-id (optional)  Payload: well-formed XML doc replaces the existing document |
| POST | Parameter: rs:uri  Parameter: rs:txid – transaction-id (optional)  Payload: well-formed XML doc replaces the existing document |
| DELETE | Parameter: rs:uri |

Example Requests:

|  |  |
| --- | --- |
| **#** | **GET Request URL** |
| 1 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=RU0\*99](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=RU0*99) |
| 2 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0\*99](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0*99) |
| 3 | [http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0\*199](http://glm-ml-dev1.amers2.ciscloud:8030/v1/resources/search?rs:pageLength=30&rs:start=1&rs:q=importedUnitCode:RU0*199) |