

LuxCloud CSL API 1.4 Getting Started

Document Version 1.3



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1 Introduction

The goal of this document is to present a set of minimal function to implement a syndication integration with LuxCloud Services. As a Reseller, you will be able to create your customers and users, place orders, get the subscription information and create service users attached to the subscription.

2 Authorization

For all requests that you will send to the API, you must add to the HTTP header the following information:

| Header key | Header value description |
|------------------------|--|
| X-AUTH-USERNAME | Username string value provided by LuxCloud |
| X-AUTH-PASSWORD | Password string value provided by LuxCloud |
| X-AUTH-TOKEN | Token string value provided by LuxCloud |

3 Account management

3.1 Create account

| | |
|-------------|--|
| Role | Reseller |
| HTTP Method | POST |
| URI | https://api.luxcloud.net/1.0/customers |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <name>ACCOUNT_NAME</name> <type>RELATION_TYPE</type> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city></pre> |

```

<state />
<postalCode>POSTAL_CODE</postalCode>
<countryCode>ADDRESS_COUNTRY_CODE</countryCode>
</address>
<contacts>
  <contact>
    <firstName>FIRST_NAME</firstName>
    <lastName>LAST_NAME</lastName>
    <email>EMAIL_ADDRESS</email>
    <type>CONTACT_TYPE</type>
    <phone>
      <countryCode>PHONE_COUNTRY_CODE</countryCode>
      <areaCode />
      <number>PHONE_NUMBER</number>
      <extension />
    </phone>
  </contact>
</contacts>
</account>

```

| Item | Value |
|-----------------------------|---|
| ACCOUNT_NAME | The account name for whom the services are created |
| RELATION_TYPE | COMPANY or other type: PERSON |
| ADDRESS_LINE_1 | Address line 1 provided by the client |
| ADDRESS_LINE_2 | Address line 2 provided by the client |
| CITY | City provided by the client |
| POSTAL_CODE | Address postal code provided by the client |
| ADDRESS_COUNTRY_CODE | Address country code (ISO 3166-1 alpha-2 code) |
| FIRST_NAME | First name provided by the client |
| LAST_NAME | Last name provided by the client |
| EMAIL_ADDRESS | Email address provided by the client |
| CONTACT_TYPE | ADMIN or additional contacts with type: {BILLING, TECHNICAL} when RELATION_TYPE is COMPANY. PERSONAL when RELATION_TYPE is PERSON |

| | |
|---------------------------|--|
| PHONE_COUNTRY_CODE | Country dialing code provided by the client |
| PHONE_NUMBER | Phone number provided by the client |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <id>ACCOUNT_ID</id> <status>ACCOUNT_STATUS</status> </account></pre> |

3.2 Update account details

| | |
|--------------------|--|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI | https://api.luxcloud.net/1.0/my/account |
| URI | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <name>ACCOUNT_NAME</name> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city> <state /> <postalCode>POSTAL_CODE</postalCode> <countryCode>ADDRESS_COUNTRY_CODE</countryCode> </address> <contacts> <contact> <firstName>FIRST_NAME</firstName> <lastName>LAST_NAME</lastName> <email>EMAIL_ADDRESS</email> <type>CONTACT_TYPE</type> <phone> <countryCode>PHONE_COUNTRY_CODE</countryCode> <areaCode /> <number>PHONE_NUMBER</number> <extension /> </phone> </contact> </contacts> </account></pre> |

| | </account> |
|----------------------|--|
| Item | Value |
| ACCOUNT_NAME | The account name for whom the services are created |
| ADDRESS_LINE_1 | Address line 1 provided by the client |
| ADDRESS_LINE_2 | Address line 2 provided by the client |
| CITY | City provided by the client |
| POSTAL_CODE | Address postal code provided by the client |
| ADDRESS_COUNTRY_CODE | Address country code (ISO 3166-1 alpha-2 code) |
| FIRST_NAME | First name provided by the client |
| LAST_NAME | Last name provided by the client |
| EMAIL_ADDRESS | Email address provided by the client |
| CONTACT_TYPE | ADMIN or additional contacts with type: {BILLING, TECHNICAL} when RELATION_TYPE is COMPANY. PERSONAL when RELATION_TYPE is PERSON |
| PHONE_COUNTRY_CODE | Country dialing code provided by the client |
| PHONE_NUMBER | Phone number provided by the client |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <id>ACCOUNT_ID</id> <status>ACCOUNT_STATUS</status> </account></pre> |

3.3 Disable account

| | |
|------|----------|
| Role | Reseller |
| HTTP | PUT |

| | |
|-------------|---|
| Method | |
| URI | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/disable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|-------------------|------------------------------------|
| ACCOUNT_ID | Account identifier provided by CSL |

| | |
|----------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <id>ACCOUNT_ID </id> <status>ACCOUNT_STATUS</status> </account></pre> |
|----------------|---|

3.4 Enable account

| | |
|-------------|---|
| Role | Reseller |
| HTTP Method | PUT |
| URI | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/enable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|-------------------|------------------------------------|
| ACCOUNT_ID | Account identifier provided by CSL |

| | |
|----------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <account> <id>ACCOUNT_ID </id> <status>ACCOUNT STATUS</status></pre> |
|----------------|--|

| | |
|--|------------|
| | </account> |
|--|------------|

4 User management

4.1 Check user exists

| | |
|----------------|--|
| Role | Reseller or Customer |
| HTTP Method | GET |
| URI | https://api.luxcloud.net/1.0/user/ USER_NAME /exists |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <status>USERNAME_STAUS</status> </user></pre> |

URI Encoding:

| Status | Description |
|------------------|---|
| USER_NAME | The username must be URI encoded in order to be correctly included within the URL query string. The API will by default decode the username value and proceed with the check. |

When checking the username availability, you can have one of statuses defined in the table below.

| Status | Description |
|------------------|---|
| AVAILABLE | The username is available and can be used. |
| TAKEN | The username is not available and must not be used. |

4.2 Create user

| Role | Reseller or Customer |
|---------------|---|
| HTTP Method | POST |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/users |
| URI Customer | https://api.luxcloud.net/1.0/my/users |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <username>\$USER_NAME</username> <password>\$USER_PASSWORD</password> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city> <state /> <postalCode>POSTAL_CODE</postalCode> <countryCode>ADDRESS_COUNTRY_CODE</countryCode> </address> <contact> <firstName>FIRST_NAME</firstName> <lastName>LAST_NAME</lastName> <email>EMAIL_ADDRESS</email> <phone> <countryCode>PHONE_COUNTRY_CODE</countryCode> <areaCode /> <number>PHONE_NUMBER</number> <extension /> </phone> </contact> </user></pre> |
| Item | Value |
| USER_NAME | Username provided by the client API |
| USER_PASSWORD | Password provided by the client API |

| | |
|-----------------------------|---|
| ADDRESS_LINE_1 | Address line 1 provided by the client API |
| ADDRESS_LINE_2 | Address line 2 provided by the client API |
| CITY | City provided by the client API |
| POSTAL_CODE | Address postal code provided by the client API |
| ADDRESS_COUNTRY_CODE | Address country code (ISO 3166-1 alpha-2 code) |
| FIRST_NAME | First name provided by the client API |
| LAST_NAME | Last name provided by the client API |
| EMAIL_ADDRESS | Email address provided by the client API |
| PHONE_COUNTRY_CODE | Country dialing code provided by the client API |
| PHONE_NUMBER | Phone number provided by the client API |

| | |
|-----------------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <id>USER_ID</id> <status>USER_STATUS</status> </user></pre> |
|-----------------------|--|

4.3 Update user details

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI Reseller | <code>https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/users/USER_ID</code> |
| URI Customer | <code>https://api.luxcloud.net/1.0/my/users/USER_ID</code> |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |

| | |
|----------------|--|
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <username>USER_NAME</username> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city> <state /> <postalCode>POSTAL_CODE</postalCode> <countryCode>ADDRESS_COUNTRY_CODE</countryCode> </address> <contact> <firstName>FIRST_NAME</firstName> <lastName>LAST_NAME</lastName> <email>EMAIL_ADDRESS</email> <phone> <countryCode>PHONE_COUNTRY_CODE</countryCode> <areaCode /> <number>PHONE_NUMBER</number> <extension /> </phone> </contact> </user></pre> |
|----------------|--|

| Item | Value |
|-----------------------------|---|
| USER_NAME | Username provided by the client API |
| ADDRESS_LINE_1 | Address line 1 provided by the client API |
| ADDRESS_LINE_2 | Address line 2 provided by the client API |
| CITY | City provided by the client API |
| POSTAL_CODE | Address postal code provided by the client API |
| ADDRESS_COUNTRY_CODE | Address country code (ISO 3166-1 alpha-2 code) |
| FIRST_NAME | First name provided by the client API |
| LAST_NAME | Last name provided by the client API |
| EMAIL_ADDRESS | Email address provided by the client API |
| PHONE_COUNTRY_CODE | Country dialing code provided by the client API |
| PHONE_NUMBER | Phone number provided by the client API |

| | |
|----------------|---|
| Result payload | <pre><?xml version="1.0"encoding="utf-8"?> <user> <id>USER_ID</id> <status>USER_STATUS</status> </user></pre> |
|----------------|---|

4.4 Change user password

| | |
|--------------|--|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/users/USER_ID/password |
| URI Customer | https://api.luxcloud.net/1.0/my/users/USER_ID/password |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0"encoding="utf-8"?> <user> <id>USER_ID</id> <oldPassword>USER_OLD_PASSWORD</oldPassword> <newPassword>USER_NEW_PASSWORD</newPassword> </user></pre> |

| Item | Value |
|-------------------|--|
| ACCOUNT_ID | The account identifier containing the user to enable |
| USER_ID | The user identifier that needs to be enabled |

| | |
|----------------|--|
| Result payload | <pre><?xml version="1.0"encoding="utf-8"?> <user> <id>USER_ID</id> <passwordStatus>USER_PASSWORD_STATUS</passwordStatus> </user></pre> |
|----------------|--|

When changing the password, you can have one of statuses defined in the table below.

| Status | Description |
|--------------------|--|
| CHANGED | The password is changed successfully and can be used. |
| NOT_CHANGED | <p>The password is not changed and must not be used. In this specific case, the reason for not changing the password will be provided in the result payload as follows:</p> <pre><?xml version="1.0" encoding="utf-8"?> <user> <id>USER_ID</id> <passwordStatus>USER_PASSWORD_STATUS</passwordStatus> <reason>REASON_NOT_CHANGED_PASSWORD_MESSAGE</reason> </user></pre> |

4.5 Disable user

| Role | Reseller or Customer |
|-------------------|--|
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/users/USER_ID/disable |
| URI Customer | https://api.luxcloud.net/1.0/my/users/USER_ID/disable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |
| Item | Value |
| ACCOUNT_ID | The account identifier containing the user to disable |
| USER_ID | The user identifier that needs to be disabled |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <id>USER_ID</id> <status>USER_STATUS</status> </user></pre> |

4.6 Enable user

| Role | Reseller or Customer |
|-------------------|--|
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/users/USER_ID/enable |
| URI Customer | https://api.luxcloud.net/1.0/my/users/USER_ID/enable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |
| Item | Value |
| ACCOUNT_ID | The account identifier containing the user to enable |
| USER_ID | The user identifier that needs to be enabled |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <user> <id>USER_ID</id> <status>USER_STATUS</status> </user></pre> |

5 Order Management

5.1 Place order for a subscription creation

| | |
|-------------|----------------------|
| Role | Reseller or Customer |
| HTTP Method | POST |

| | |
|---------------------|--|
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders |
| URI Customer | https://api.luxcloud.net/1.0/my/orders |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <items> <item> <type>ORDER_ITEM_TYPE</type> <product><id>PRODUCT_ID</id></product> <period><id>PERIOD_ID</id></period> </item> </items> </order></pre> |

| Item | Value |
|------------------------|--|
| ORDER_ITEM_TYPE | CREATE |
| PRODUCT_ID | Product identifier provided by CSL (use REST API call: GET /customers/products) |
| PERIOD_ID | Period identifier provided by CSL (use REST API call: GET /customers/products/PRODUCT_ID) |

| | |
|-----------------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <id>ORDER_ID</id> <number>ORDER_NUMBER</number> <status>ORDERSTATUS_VALUE</status> <subscriptions> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> ... </subscriptions></pre> |
|-----------------------|---|

| | |
|--|----------|
| | </order> |
|--|----------|

5.2 Check hosted domain availability

| Role | Reseller or Customer |
|--------------------|---|
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/domain/hosted/DOMAIN_NAME/exists |
| URI Customer | https://api.luxcloud.net/1.0/my/domain/hosted/ DOMAIN_NAME /exists |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |
| Item | Value |
| DOMAIN_NAME | The domain name to be checked for existence, for example: domain.com |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <domain> <status>DOMAIN_STATUS</status> </domain></pre> |

URI Encoding:

| Status | Description |
|--------------------|---|
| DOMAIN_NAME | The domain name must be URI encoded in order to be correctly included within the URL query string. The API will by default decode the domain name value and proceed with the check. |

The domain statuses are defined in the table below.

| Status | Description |
|-----------|--|
| AVAILABLE | The Domain is available and can be used during order placement |
| TAKEN | The Domain is not available and must not be used for orders. |

5.3 Place order for a subsection creation with domain name

| Role | Reseller or Customer |
|-----------------|---|
| HTTP Method | POST |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders |
| URI Customer | https://api.luxcloud.net/1.0/my/orders |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <items> <item> <type>ORDER_ITEM_TYPE</type> <product><id>PRODUCT_ID</id></product> <period><id>PERIOD_ID</id></period> <parameters> <parameter> <name>PARAM_NAME</name> <value>PARAM_VALUE</value> </parameter> </parameters> </item> </items> </order></pre> |
| Item | Value |
| ORDER_ITEM_TYPE | CREATE |

| | |
|--------------------|---|
| PRODUCT_ID | Product identifier provided by CSL (use REST API call: GET /customers/products) |
| PERIOD_ID | Period identifier provided by CSL (use REST API call: GET /customers/products/PRODUCT_ID) |
| PARAM_NAME | name parameter identifier (In this case, a constant string value equals to DOMAIN_ID) |
| PARAM_VALUE | Fully qualified domain name or subdomain. |

| | |
|-----------------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <id>ORDER_ID</id> <number>ORDER_NUMBER</number> <status>ORDERSTATUS_VALUE</status> <subscriptions> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> ... </subscriptions> </order></pre> |
|-----------------------|--|

5.4 Place upgrade order to switch a product

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | POST |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders |
| URI Customer | https://api.luxcloud.net/1.0/my/orders |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |

| | |
|----------------|--|
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <items> <item> <type>ORDER_ITEM_TYPE</type> <subscription> <id>SUBSCRIPTION_ID</id> </subscription> <product> <id>PRODUCT_ID</id></product> <period> <id>PERIOD_ID</id></period> </item> </items> </order></pre> |
|----------------|--|

| Item | Value |
|------------------------|---|
| ORDER_ITEM_TYPE | SWITCH |
| SUBSCRIPTION_ID | Existing subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| PRODUCT_ID | Product identifier provided by CSL (use REST API call: GET /customers/products) |
| PERIOD_ID | Period identifier provided by CSL (use REST API call: GET /customers/products/PRODUCT_ID) |

| | |
|-----------------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <id>ORDER_ID</id> <number>ORDER_NUMBER</number> <status>ORDERSTATUS_VALUE</status> <subscriptions> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> ... </subscriptions> </order></pre> |
|-----------------------|--|

5.5 Place order to change resource quantity

| Role | Reseller or Customer |
|-----------------|--|
| HTTP Method | POST |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders |
| URI Customer | https://api.luxcloud.net/1.0/my/orders |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <items> <item> <type>ORDER_ITEM_TYPE</type> <subscription> <id>SUBSCRIPTION_ID</id> </subscription> <resources> <resource> <id>RESOURCE_ID</id> <quantity>QUANTITY</quantity> </resource> <resource> <id>RESOURCE_ID</id> <quantity>QUANTITY</quantity> </resource> ... </resources> </item> </items> </order></pre> |
| Item | Value |
| ORDER_ITEM_TYPE | UPGRADE |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET) |

| | |
|--------------------|--|
| | /customers/ACCOUNT_ID/subscriptions) |
| QUANTITY | Positive or Negative number representing ordered quantity i.e. 2.0 |
| RESOURCE_ID | Resource identifier provided by CSL |

| | |
|-----------------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <id>ORDER_ID</id> <number>ORDER_NUMBER</number> <status>ORDERSTATUS_VALUE</status> <subscriptions> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTION_STATUS</status> </subscription> ... </subscriptions> </order></pre> |
|-----------------------|--|

5.6 Check order status

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders/ORDER_ID/status |
| URI Customer | https://api.luxcloud.net/1.0/my/orders/ORDER_ID/status |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No Payload required |

| | |
|----------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <order> <id>ORDER_ID</id> <status>ORDERSTATUS_VALUE</status> </order></pre> |
|----------------|---|

5.7 Get details of an order

| | |
|--------------|---|
| Role | Reseller or Customer |
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/orders/ORDER_ID |
| URI Customer | https://api.luxcloud.net/1.0/my/orders/ORDER_ID |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No Payload required |

| | |
|----------------|--|
| Result payload | <pre><?xml version=\"1.0\" encoding=\"UTF-8\"?> <order> <id>ORDER_ID</id> <number>ORDER_NUMBER</number> <status>STATUS_VALUE</status> <items> <item> <type>ITEM_TYPE</type> <product><id>PRODUCT_ID</id></product> <period><id>PERIOD_ID</id></period> <subscription><id>SUBSCRIPTION_ID</id></subscription> <resources> <resource> <id>RESOURCE_ID</id> <quantity>QUANTITY</quantity> <usedQuantity>USED_QUANTITY</usedQuantity> <unitOfMeasure>UNIT</unitOfMeasure> </resource> </resources> <parameters> <parameter> <name>PARAMETER_NAME</name> <value>PARAMETER_VALUE</value></pre> |
|----------------|--|

| | |
|--|---|
| | <pre> </parameter> </parameters> </item> </items> </order> </pre> |
|--|---|

6 Subscription Management

6.1 Get subscription

| | |
|--------------|---|
| Role | Reseller or Customer |
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID |
| URI customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|------------------------|---|
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |

| | |
|----------------|--|
| Result payload | <pre> <?xml version="1.0" encoding="utf-8"?> <subscription> <id>SUBSCRIPTION_ID</id> <name>SUBSCRIPTION_NAME</name> <status>SUBSCRIPTIONSTATUS_VALUE</status> <product> <id>PRODUCT_ID</id> <name>PRODUCT_NAME</name> </product> <period> <id>PERIOD_ID</id> <name>PERIOD_NAME</name> </period> </pre> |
|----------------|--|

| | |
|--|--|
| | <pre> <resources> <resource> <id>RESOURCE_ID</id> <name>RESOURCE_NAME</name> <quantity>QUANTITY</quantity> <usedQuantity>USED_QUANTITY</usedQuantity> <unitOfMeasure>UNIT</unitOfMeasure> </resource> <resource> <id>RESOURCE_ID</id> <name>RESOURCE_NAME</name> <quantity>QUANTITY</quantity> <usedQuantity>USED_QUANTITY</usedQuantity> <unitOfMeasure>UNIT</unitOfMeasure> </resource> ... </resources> <parameters> <parameter> <name>PARAMETER_NAME</name> <value>PARAMETER_VALUE</value> </parameter> ... </parameters> </subscription> </pre> |
|--|--|

6.2 Disable subscription

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/disable |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/disable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|------------------------|---|
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTIONSTATUS_VALUE</status> </subscription></pre> |

6.3 Enable subscription

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/enable |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/enable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|------------------------|--|
| ACCOUNT_ID | Account identifier provided by CSL |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |

| | |
|----------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTIONSTATUS_VALUE</status> </subscription></pre> |
|----------------|---|

6.4 Delete subscription

| | |
|--------------|---|
| Role | Reseller or Customer |
| HTTP Method | DELETE |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|-----------------|--|
| ACCOUNT_ID | Account identifier provided by CSL |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |

| | |
|----------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <subscription> <id>SUBSCRIPTION_ID</id> <status>SUBSCRIPTIONSTATUS_VALUE</status> </subscription></pre> |
|----------------|---|

7 Service management

7.1 Check service user existence

| Role | Reseller or Customer |
|------------------------|--|
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUser/ USER_NAME /exists |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUser/ USER_NAME /exists |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| USER_NAME | The username of a given service user. The username has the following format: user@domain |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <status>SERVICEUSER_STATUS</status> </serviceUser></pre> |

URI Encoding:

| Status | Description |
|------------------|---|
| USER_NAME | The username must be URI encoded in order to be correctly included within the URL query string. The API will by default decode the username value and proceed with the check. |

When checking the username availability, you can have one of statuses defined in the table below.

| Status | Description |
|------------------|---|
| AVAILABLE | The username is available and can be used |
| TAKEN | The username is not available and must not be used. |

7.2 Add service user

| | |
|--------------|---|
| Role | Reseller or Customer |
| HTTP Method | POST |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUsers |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUsers |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <username>USER_NAME</username> <password>USER_PASSWORD</password> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city> <state /> <postalCode>POSTAL_CODE</postalCode> <countryCode>ADDRESS_COUNTRY_CODE</countryCode> </address> <contact> <firstName>FIRST_NAME</firstName> <lastName>LAST_NAME</lastName> <email>EMAIL_ADDRESS</email> <phone> <countryCode>PHONE_COUNTRY_CODE</countryCode> <areaCode /> <number>PHONE_NUMBER</number> <extension /> </phone> </contact> </serviceUser></pre> |

| | </serviceUser> |
|------------------------|--|
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICE_USER_ID </id> <status>SERVICEUSER_STATUS</status> </serviceUser></pre> |

7.3 Update service user details

| | |
|---------------------|--|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions /SUBSCRIPTION_ID/serviceUsers/SERVICEUSER_ID |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID /serviceUsers/SERVICEUSER_ID |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <username>USER_NAME</username> <address> <addressLine1>ADDRESS_LINE_1</addressLine1> <addressLine2>ADDRESS_LINE_2</addressLine2> <city>CITY</city> <state /> <postalCode>POSTAL_CODE</postalCode> <countryCode>ADDRESS_COUNTRY_CODE</countryCode> </address> <contact> <firstName>FIRST_NAME</firstName> <lastName>LAST_NAME</lastName> <email>EMAIL_ADDRESS</email> <phone> <countryCode>PHONE_COUNTRY_CODE</countryCode></pre> |

| | <pre> <areaCode /> <number>PHONE_NUMBER</number> <extension /> </phone> </contact> </serviceUser> </pre> |
|------------------------|--|
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| Result payload | <pre> <?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICE_USER_ID </id> <status>SERVICEUSER_STATUS</status> </serviceUser> </pre> |

7.4 Change service user password

| Role | Reseller or Customer |
|------------------------|--|
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUsers/SERVICEUSER_ID/password |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUsers/SERVICEUSER_ID/password |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | <pre> <?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICEUSER_ID</id> <oldPassword>SERVICEUSER_OLD_PASSWORD</oldPassword> <newPassword>SERVICEUSER_NEW_PASSWORD</newPassword> </serviceUser> </pre> |
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET |

| |
|---|
| /customers/ACCOUNT_ID/subscriptions) |
| SERVICEUSER_ID The identifier of a given service user. |

| | |
|-----------------------|---|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICEUSER_ID</id> <passwordStatus> SERVICE_USER_PASSWORD_STATUS</passwordStatus> </serviceUser></pre> |
|-----------------------|---|

When changing the password, you can have one of statuses defined in the table below.

| Status | Description |
|--------------------|---|
| CHANGED | The password is changed successfully and can be used. |
| NOT_CHANGED | <p>The password is not changed and must not be used. In this specific case, the reason for not changing the password will be provided in the result payload as follows:</p> <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICEUSER_ID</id> <passwordStatus> SERVICEUSER_PASSWORD_STATUS</passwordStatus> <reason>REASON_NOT_CHANGED_PASSWORD_MESSAGE</reason> </serviceUser></pre> |

7.5 Disable service user

| | |
|---------------------|---|
| Role | Reseller or Customer |
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUsers/SERVICEUSER_ID/disable |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUsers/SERVICEUSER_ID/disable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |

| Payload | No payload is needed |
|------------------------|--|
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
| SERVICEUSER_ID | The identifier of a given service user. |
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICEUSER_ID</id> <status>SERVICEUSER_STATUS</status> </serviceUser></pre> |

7.6 Enable service user

| Role | Reseller or Customer |
|------------------------|---|
| HTTP Method | PUT |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUser/SERVICEUSER_ID/enable |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUser/SERVICEUSER_ID/enable |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |
| Item | Value |
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |

SERVICEUSER_ID The identifier of a given service user.

| | |
|----------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUser> <id>SERVICEUSER_ID</id> <status>SERVICEUSER_STATUS</status> </serviceUser></pre> |
|----------------|--|

7.7 List service users

| | |
|--------------|--|
| Role | Reseller or Customer |
| HTTP Method | GET |
| URI Reseller | https://api.luxcloud.net/1.0/customers/ACCOUNT_ID/subscriptions/SUBSCRIPTION_ID/serviceUsers |
| URI Customer | https://api.luxcloud.net/1.0/my/subscriptions/SUBSCRIPTION_ID/serviceUsers |
| HTTP Header | See HTTP header table in section 2 (Authorization) with header keys and value descriptions. |
| Payload | No payload is needed |

| Item | Value |
|------|-------|
|------|-------|

| | |
|------------------------|--|
| SUBSCRIPTION_ID | Subscription identifier provided by CSL (use REST API call: GET /customers/ACCOUNT_ID/subscriptions) |
|------------------------|--|

| | |
|----------------|--|
| Result payload | <pre><?xml version="1.0" encoding="utf-8"?> <serviceUsers> <serviceUser> <id>SERVICEUSER_ID</id> <status>SERVICEUSER_STATUS</status> </serviceUser> <serviceUser> <id>SERVICEUSER_ID</id> <status>SERVICEUSER_STATUS</status> </serviceUser> ...</pre> |
|----------------|--|

| | |
|--|----------------|
| | <serviceUsers> |
|--|----------------|