

CloudCustomerSpaceAPI

POSTMAN Collection

User Guide

January 2022

POSTMAN COLLECTION FOR CloudCustomerSpace API

1. Introduction :

For the purpose of exploring the functions of the API, Orange provides a POSTMAN :

- The collection itself, which allows to call the verbs of the API
- A set of environment variables, to be adapted to the context (secret keys, passwords etc)


These JSON files for use in POSTMAN software are available in the [appendix of this document](#).

We remind you the steps to open your access to this API:

Cloud Client Space Requirements :

- You choose the **contract ID(s)** (e.g. OCB0001234) for which you want to access the billing files
- You choose the Cloud Client Area **login** (e.g. firstname.lastname) that you wish to use to access it - this login must be associated with a valid email address.
- You ensure access in the Cloud Customer Space to this **contract ID** via this **login** - if necessary you add the necessary rights, in the Cloud Customer Space

API registration :

- You declare an account on the [Orange Developer portal](#)
- You ask the OBS API support team (e.g. [via this form](#), our teams will assist you in this registration process) to give you access to the API by giving them two pieces of information: **(1)** your "Orange Developer" login and **(2)** your Cloud Customer Area login. The team will give you access to the API and will also provide you with a key called **API KEY**.
- In the Orange Developer portal you declare an "Application" in the "**My Apps**" menu, you will get identifiers: **Application ID, Client ID and Secret Client**
- You associate the Cloud Store Customer Space API with your application using the button: 

API help is available on the Orange Developer portal: <https://developer.orange.com/apis/cloudstorecustomerspace>

Please note: Orange is not responsible for your use of POSTMAN on your environments, and does not provide support for its use.

Note: If your workstation is connected to a corporate VPN, it is possible that calls to the APIs do not work from your workstation - disconnect the VPN to check if your error is coming from there.

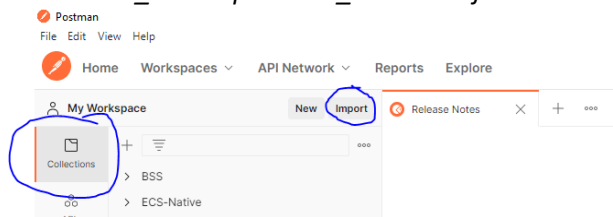
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2. Implementation: import

1. Import the collection into POSTMAN

Retrieve the `API_CLOUDSTORE_CUSTOMER_SPACE.postman_collection.json` file in the [appendix of this document](#).

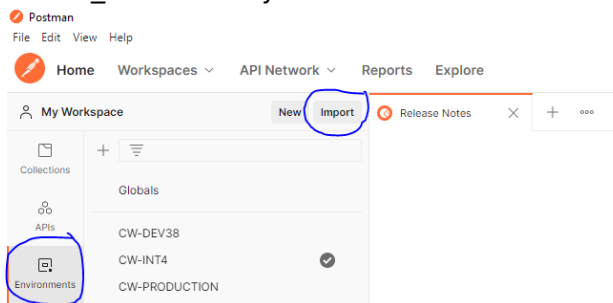
In POSTMAN, select the "Collections" section on the left and then the "Import" button. Import the `API_CLOUDSTORE_CUSTOMER_SPACE.postman_collection.json` file.



2. Importing the environment into POSTMAN

Retrieve the `OrangeCloud_API.postman_environment.json` file in the [appendix of this document](#).

Select the "Environments" section on the left and then the "Import" button. Import the `OrangeCloud_API.postman_environment.json` file.



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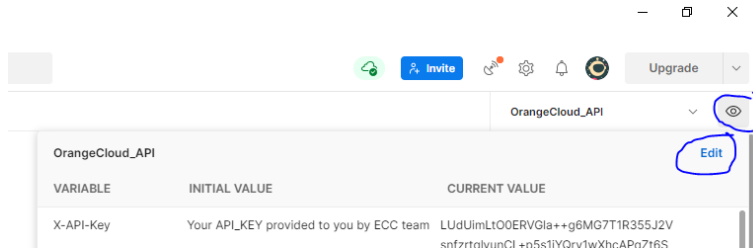
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3. Implementation: environment

To update the environment select the OrangeCloud_API environment then click on the eye on the right: then click on "Edit".



You are ready to update the environment variables:

| VARIABLE | TYPE | INITIAL VALUE | CURRENT VALUE | Persist All | Reset All |
|---|---------|---|---|-------------|-----------|
| <input checked="" type="checkbox"/> X-API-Key | default | Your API_KEY provided to you by ECC team | eXAMple0ERVGla++g6MG7T1R355J2VsnfzrtqlvunCL+p5s1... | | |
| <input checked="" type="checkbox"/> Contract-Id | default | ID of the contract (OCB000xxxx) | OCB0001656 | | |
| <input checked="" type="checkbox"/> Token | default | access token returned by "generate acces t... | ExAmPLewvCC0aGprWW7c9KIDQMsQP | | |
| <input checked="" type="checkbox"/> Host | default | https://api.orange.com/cloud/b2b/v1 | https://api.orange.com/cloud/b2b/v1 | | |
| <input checked="" type="checkbox"/> oauth_host | default | https://api.orange.com/oauth/v3 | https://api.orange.com/oauth/v3 | | |

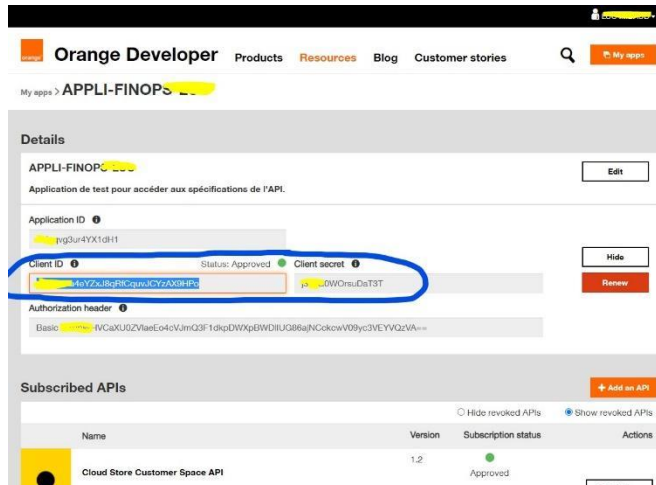
- **X-API-Key** is the key provided by OBS, once you have communicated the login of the Cloud Client Space you are using. This key is very long, for example :

Example+t00ERVGl++g6MG7T1R355J2VsnfzrtqlvunCL+p5s1YQry1wXhcAPqZt65mL5Z8SlnWwYbB+2qplLkFtCP9rZVgCTMAazF/Tp8ZdvWHuZfHzu+NzoHatFKiKt6nHoFkc96WmdtVnPFtKBzjURvDEUW9cVEx5cYninf1psrBadAg+vLkpuP7Gbg+Q1yjk1osGajTPZHEZAAs+92eLk6k0ZugB5T6dmZBb5W2yrbYUspS9XBp5+8FvzMaViky9+db2Gveju+TTdBQeEzBr9J1lq80tUSoAWyXsh5e6dhpKn9s5BvqRiSTrBIY3Oe+Rjt+33coG64TQnZ5z8Pfnaznupp8D1xKag9pHeat/Y9c1e6RA74nKaKk4bs6+10Haj2BRGqNhow++EX0etW9YyUsDHE6PQB7+cwR13GlpAXm+JscyE1reIsnCOHmXt+ZcPHDxYVZ3Z3RRCC5bD6w/h8C6vyyxrUFAINE8dnBNrEt3F5sPWcMYerOpGV046rTITU/fh6XPm4OzuTCdJWGeD0m7771vJwvVPk7gIFGQB++qNz3d8T23prgXZNueQCHERkardchtkf7m38YFM05weEnLmIXKCoLm51Hdkuyuz28H/vl9VlouQh+/KTOF8fmZaia8W8tQrgW3z3H2YObGKp2SpYAazywdLT8/gMmslW67DZuFg7uUW8mlrnrTbQhC1JfwtvONIP1zdgCMWvXF2ru7agL7RMZKNUZg1DnwzgiELGCluKWty6T7Y9JOfv6zVvUlmU2grf1VD/Uc9GFRrePdHwDwR3HCvgRT/kwEQ154d5lGDFC6T7XhgZGjwL9ez5bslZWIJK6xKM7yW05LxDr/1523l6uln+6E/RJCx8BQSpqVceMXD/dG24h/SROVLexBvsK35HVAk0f4xlyh1A0G8nGjBQRZEPYRCAGadKKhsrM2U/HWVVPeUHS056wVDFXinghOY6mQxjBBecZp+HLD1

- **Contract-ID** in the format OCB000NNNN, e.g. *OCB0001234* is used by calls to the verbs 'document download' and 'documents list' and 'contract detail'
- **Token** is the access token returned by the "generate access token" verb call, e.g. :
ExamPLeFP5EFSY4w1VfOWDXAUnMIDA

To obtain this token follow this procedure:

1. On the [Orange Developer portal](#): go to "Login" then "My apps" then select your application: note the **Client ID** and **Client secret** fields



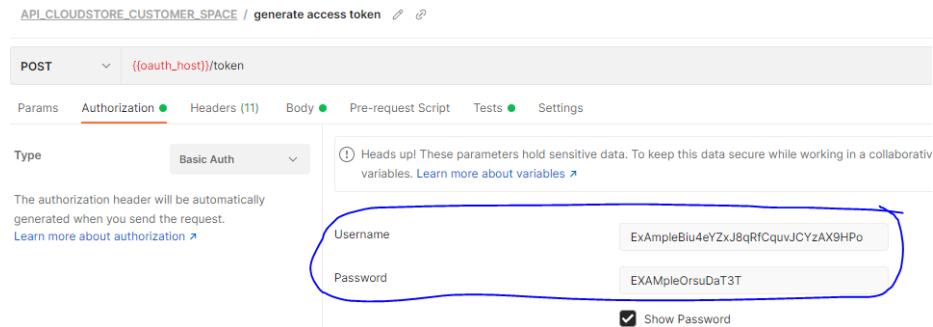
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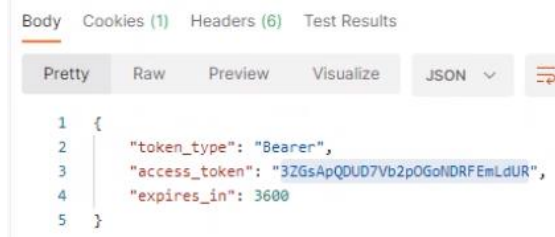
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- In POSTMAN, for the "generate access token" call, enter your **Client ID** and **Client secret** codes in the "**Username**" and "**Password**" fields:



- Execute the "generate access token" call: the token is in the response, it is valid for 1 hour:



- **Host and oauth_host**: these variables do not need to be modified

You are now ready to use the verbs available in the POSTMAN collection.

The detailed use of these verbs can be found here: <https://developer.orange.com/apis/cloudstorecustomerspace>



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Appendix #1: POSTMAN files

API_CLOUDSTORE_CUSTOMER_SPACE.postman_collection.json

```

{
  "info": {
    "_postman_id": "e32a5f1f-0418-4245-bafa-1da474bb566e",
    "name": "API_CLOUDSTORE_CUSTOMER_SPACE",
    "description": "this collection shows requests available with API_CloudStore",
    "schema": "https://schema.getpostman.com/json/collection/v2.1.0/collection.json"
  },
  "item": [
    {
      "name": "contracts list",
      "request": {
        "auth": {
          "type": "bearer",
          "bearer": [
            {
              "key": "token",
              "value": "{{Token}}",
              "type": "string"
            }
          ]
        },
        "method": "GET",
        "header": [
          {
            "key": "X-API-Key",
            "value": "{{X-API-Key}}",
            "type": "text"
          },
          {
            "key": "Accept",
            "value": "application/json",
            "type": "text"
          }
        ],
        "url": {
          "raw": "{{Host}}/contracts",
          "host": [
            "{{Host}}"
          ],
          "path": [
            "contracts"
          ]
        },
        "description": "Get List Contracts"
      },
      "response": []
    },
    {
      "name": "generate access token",
      "event": [
        {
          "listen": "test",
          "script": {
            "exec": [
              "pm.environment.set(\"Token\", pm.response.json().access_token);"
            ],
            "type": "text/javascript"
          }
        }
      ],
      "protocolProfileBehavior": {
        "disabledSystemHeaders": {}
      },
      "request": {
        "auth": {
          "type": "basic",
          "basic": [
            {
              "key": "password",
              "value": "EXAMplEOrsudaT3T",
              "type": "string"
            },
            {
              "key": "username",
              "value": "ExAmpleBiu4eYZxJ8qRfCquvJCYzAX9HPo",
              "type": "string"
            }
          ]
        },
        "method": "POST",
        "header": [
          {
            "key": "Content_Type",
            "type": "text",
            "value": "application/x-www-form-urlencoded"
          },
          {
            "key": "",
            "type": "text",
            "value": "",
            "disabled": true
          }
        ],
        "body": {
          "mode": "urlencoded",
          "urlencoded": [
            {
              "key": "grant_type",
              "value": "client_credentials",
              "type": "text"
            }
          ]
        },
        "url": {
          "raw": "{{oauth_host}}/token",
          "host": [
            "{{oauth_host}}"
          ],
          "path": [
            "token"
          ]
        }
      }
    }
  ]
}

```



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```
    },
    "description": "token OrangeDev"
  },
  "response": []
},
{
  "name": "document download",
  "protocolProfileBehavior": {
    "disabledSystemHeaders": {}
  },
  "request": {
    "auth": {
      "type": "bearer",
      "bearer": [
        {
          "key": "token",
          "value": "{{Token}}",
          "type": "string"
        }
      ]
    },
    "method": "GET",
    "header": [
      {
        "key": "X-API-Key",
        "value": "{{X-API-Key}}",
        "type": "text"
      },
      {
        "key": "Accept",
        "value": "application/json",
        "type": "text"
      },
      {
        "key": "X-ECCS-Contract-Id",
        "value": "{{Contract-Id}}",
        "type": "text"
      }
    ],
    "url": {
      "raw": "{{Host}}/documents/****insert here your document id****/file",
      "host": [
        "{{Host}}"
      ],
      "path": [
        "documents",
        "****insert here your document id****",
        "file"
      ]
    }
  },
  "description": "download a document"
},
{
  "name": "documents list",
  "request": {
    "auth": {
      "type": "bearer",
      "bearer": [
        {
          "key": "token",
          "value": "{{Token}}",
          "type": "string"
        }
      ]
    },
    "method": "GET",
    "header": [
      {
        "key": "X-API-Key",
        "value": "{{X-API-Key}}",
        "type": "text"
      },
      {
        "key": "X-ECCS-Contract-Id",
        "value": "{{Contract-Id}}",
        "type": "text"
      },
      {
        "key": "Accept",
        "value": "application/json",
        "type": "text"
      }
    ],
    "url": {
      "raw": "{{Host}}/documents",
      "host": [
        "{{Host}}"
      ],
      "path": [
        "documents"
      ]
    }
  },
  "description": "List of documents"
},
{
  "name": "contract detail",
  "request": {
    "auth": {
      "type": "bearer",
      "bearer": [
        {
          "key": "token",
          "value": "{{Token}}",
          "type": "string"
        }
      ]
    },
    "method": "GET",
    "header": [
      {
        "key": "X-API-Key",
        "value": "{{X-API-Key}}",
        "type": "text"
      }
    ]
  }
}
```



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```
        {
          "key": "X-ECCS-Contract-Id",
          "value": "{{Contract-Id}}",
          "type": "text".
        },
        {
          "key": "Accept",
          "value": "application/json",
          "type": "text".
        }
      ],
      "url": {
        "raw": "{{Host}}/contract",
        "host": [
          "{{Host}}"
        ],
        "path": [
          "contract"
        ]
      },
      "description": "Detail Contract".
    },
    "response": []
  ]
}
```

OrangeCloud_API.postman_environment.json

```
{
  "id": "e85c2816-685c-479c-8248-74d1b7f580e1",
  "name": "OrangeCloud_API",
  "values": [
    {
      "key": "X-API-Key",
      "value": "Your API_KEY provided to you by ECC team",
      "enabled": true
    },
    {
      "key": "Contract-Id",
      "value": "ID of the contract (OCB000xxxx)",
      "enabled": true
    },
    {
      "key": "Token",
      "value": "access token returned by \"generate access token\" request",
      "enabled": true
    },
    {
      "key": "Host",
      "value": "https://api.orange.com/cloud/b2b/v1",
      "enabled": true
    },
    {
      "key": "oauth_host",
      "value": "https://api.orange.com/oauth/v3",
      "enabled": true
    }
  ],
  "postman_variable_scope": "environment",
  "postman_exported_at": "2022-01-10T13:35:25.073Z",
  "postman_exported_using": "Postman/9.8.2"
}
```