



## Rackspace Authentication

Every REST request against the Cloud Files service requires the inclusion of a specific authorization token, supplied by the X-Auth-Token HTTP header. You obtain this token by using the Rackspace Cloud Identity service and supplying a valid user name and API access key.

Find more information [here](#)

First we'll need to pull the Authentication Token needed to execute the REST Actions.

POST v2.0/tokens

URL Endpoint <https://identity.api.rackspacecloud.com/v2.0>

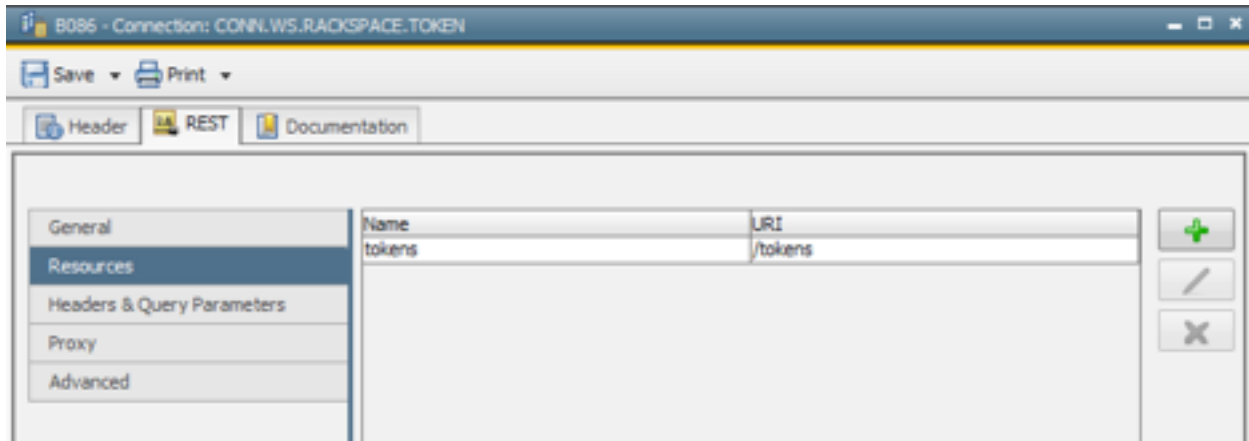
Connection

This Connection Object will only be used for retrieving the Auth Token

General Tab

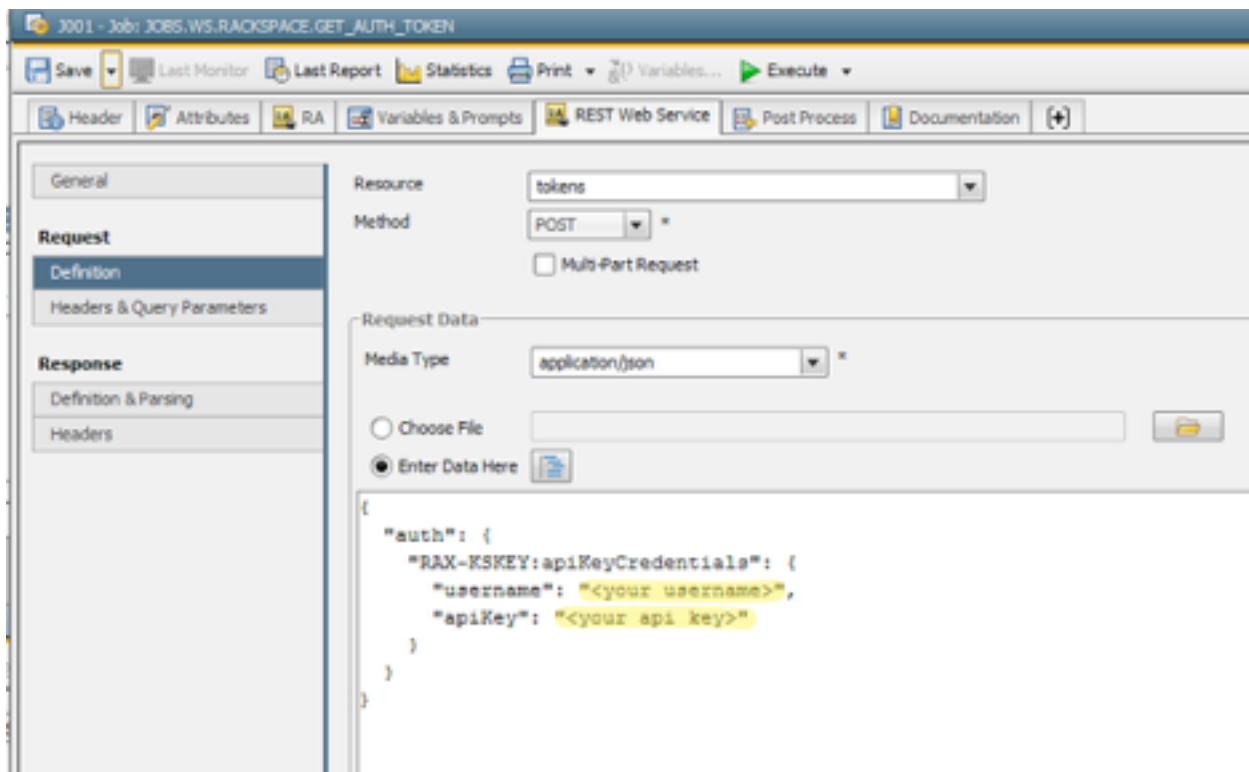
A screenshot of a REST client application window. The title bar reads "B086 - Connection: CONN.WS.RACKSPACE.AUTH\_TOKEN". Below the title bar is a toolbar with "Save" and "Print" buttons. A tab bar below the toolbar shows "Header", "REST" (which is selected and highlighted in yellow), and "Documentation". The main content area is divided into two parts. On the left is a sidebar with a list of tabs: "General" (selected and highlighted in blue), "Resources", "Headers & Query Parameters", "Proxy", and "Advanced". On the right, the "General" tab is active, showing two fields: "URL Endpoint" with the value "https://identity.api.rackspacecloud.com/v2.0" and an asterisk, and "Authentication" with a dropdown menu showing "None" and an asterisk.

## Resource Tab



## Definition Tab

Replace the values for your username and your api key



## Execution

Use the Execute option Recurring...

The Auth Token does expire, so set the timeframe every 11 hours to ensure there's a valid Token available.

J045 - Recurring execution: JOBS.WS.RACKSPACE.GET\_AUTH\_TOKEN

Frequency Time frame Days Range

☒ Every: 0011:00 (hh:mm)

☐ With a gap of: 00:00 (hh:mm) to previous run

☐ At time: 09:59 (hh:mm)

☐ Allow one overlap

Alias:

Queue: CLIENT\_QUEUE

TimeZone: TZ.PST

OK Cancel

The Key and Expiration Date returned in the Response set is then stored in a Static Variable and referenced for the API calls.

B009 - Variable: RACKSPACE\_TOKEN

Save Print Variables...

Header Attributes Variable Documentation

Static values

| Key   | Value 1                          | Value 2                  | Value 3 |
|-------|----------------------------------|--------------------------|---------|
| Token | 16ad6f8eee53479195e64dc40e4d13c3 | 2014-11-07T18:56:35.832Z |         |

## Connection Object

### Endpoint Reference for Cloud Files

The full URL endpoint is from the Response when acquiring the Authentication Token.

```
{
  "name": "cloudFilesCDN",
  "endpoints": [
    {
      "region": "ORD",
      "tenantId": "MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0",
      "publicURL": "https://cdn2.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0"
    },
    {
      "region": "SYD",
      "tenantId": "MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0",
      "publicURL": "https://cdn4.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0"
    },
    {
      "region": "DFW",
      "tenantId": "MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0",
      "publicURL": "https://cdn1.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0"
    },
    {
      "region": "HKG",
      "tenantId": "MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0",
      "publicURL": "https://cdn6.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0"
    },
    {
      "region": "IAD",
      "tenantId": "MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0",
      "publicURL": "https://cdn5.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0"
    }
  ],
  "type": "rax:object-cdn"
},
```

We used Chicago in our examples:

URL Endpoint [https://storage101.ord1.clouddrive.com/v1/MossoCloudFS\\_ecc8d492-b875-4efe-8d4f-407c449bcdd0](https://storage101.ord1.clouddrive.com/v1/MossoCloudFS_ecc8d492-b875-4efe-8d4f-407c449bcdd0)

### General Tab

B086 - Connection: CONN.WS.RACKSPACE.CLOUD\_FILES\_ORD

Save Print

Header REST Documentation

General

Resources

Headers & Query Parameters

Proxy

Advanced

URL Endpoint

Authentication

