

# REST Service Sensor - Example

This article should give some sort of idea what one can do with this new Type of Sensor. It is a practical example in which a certain area of an IBM Connections Platform can be checked via a REST API call.

We will perform a file download from a IBM Connections environment where the aim is to check if the authentication, connection as well the download of a physical file is works.

## Configuration

We use the official API document of IBM to utilize the REST API of Connections

[https://www-10.lotus.com/ldd/lcwiki.nsf/xpAPIViewer.xsp?lookupName=IBM+Connections+6.0+API+Documentation#action=openDocument&res\\_title=Downloading\\_a\\_file\\_ic60&content=apicontent](https://www-10.lotus.com/ldd/lcwiki.nsf/xpAPIViewer.xsp?lookupName=IBM+Connections+6.0+API+Documentation#action=openDocument&res_title=Downloading_a_file_ic60&content=apicontent)

- upload a file manually into connections. This is the file which we want to download on a regular basis
  - write down the document-id of the uploaded file
- open the REST Service Sensor
- Enter the protocol as well username/password
- Enter the following string to the Resource path
  - /files/basic/anonymous/api/document/<your document id>/entry
- choose GET as the method and XML as the header
- optional you can enter inline=true as a query parameter
- assign your connections server as a target
- specify actions and schedule

save close

(example)

REST - Cnx6 - Downloading a file PDF

Enabled ☒

**Settings** Targets Actions Schedule

Protocol: https

Resource Path: /files/basic/anonymous/api/document/49b04e9b-a1dc-41

Http Method: GET

Accept Header: XML

Query Parameters: inline=true

HTTP Headers

Username: [redacted]

Password: [redacted]

Content Type: application/atom+xml

Body

REST API Definition

Define your Headers/Parameters

For POST, enter the Body and ContentType

Save & Close Discard Changes

## Result

As a result you get a lot of key/value pairs back. The important key/value pair however is **greenlight.rest.http-status**. If you get 200, then everything is fine and works. If you get any other http error code back, please check in the IBM API Documentation the explanation