

## Redmine - Feature #30086

### Use HTTP status code 403 instead of 401 when REST API is disabled

2018-12-04 02:21 - Go MAEDA

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Go MAEDA	<b>% Done:</b> 0%
<b>Category:</b> REST API	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 4.1.0	
<b>Resolution:</b> Fixed	
<b>Description</b>	
<p>Currently, Redmine returns HTTP status code 401 (Unauthorized) if the REST API feature is disabled.</p> <pre>\$ curl -D /dev/stdout --user admin:admin http://localhost:3000/issues.xml HTTP/1.1 401 Unauthorized X-Frame-Options: SAMEORIGIN X-XSS-Protection: 1; mode=block X-Content-Type-Options: nosniff X-Download-Options: noopen X-Permitted-Cross-Domain-Policies: none Referrer-Policy: strict-origin-when-cross-origin Content-Type: application/xml WWW-Authenticate: Basic realm="Redmine API" Cache-Control: no-cache X-Request-Id: 22e77bad-feca-4137-a81e-9df152af8bc2 X-Runtime: 0.019368 Transfer-Encoding: chunked</pre> <p>With the status code 401, users may misunderstand that the login id or password is incorrect. If they access to /issues.xml with a web browser, they will see a basic authentication dialog again and again.</p> <p>I think it is proper and intuitive to return 403 (Forbidden) instead of 401, like "403 API access is not allowed".</p>	
<b>Related issues:</b>	
Related to Redmine - Defect # 32315: Impossible to validate API key without m... <b>Closed</b>	

#### Associated revisions

##### Revision 18055 - 2019-04-10 04:51 - Go MAEDA

Use HTTP status code 403 instead of 401 when REST API is disabled (#30086).

Patch by Yuichi HARADA.

#### History

##### #1 - 2018-12-04 02:23 - Go MAEDA

- Description updated

##### #2 - 2018-12-10 03:20 - Yuichi HARADA

- File 30086-http-status-code-403.patch added

Regardless of whether authentication is valid or not, if you disable the REST API feature it responds with HTTP status code 403(Forbidden).  
I made a patch, and attach it.

**#3 - 2018-12-10 21:28 - Marius BALTEANU**

I'm in favour of this change.

**#4 - 2018-12-18 01:15 - Go MAEDA**

- *Target version set to 4.1.0*

Setting the target version to 4.1.0.

**#5 - 2019-01-18 01:56 - Go MAEDA**

Returning 403 in the situation is consistent. In incoming emails API, MailHandlerController returns 403 if "WS for incoming emails" is disabled. Please see source:tags/4.0.0/app/controllers/mail\_handler\_controller.rb#L41.

**#6 - 2019-02-25 13:34 - Go MAEDA**

- *File 30086-http-status-code-403-v2.patch added*

Removed an unnecessary test\_with\_valid\_username\_and\_wrong\_password\_http\_authentication from the patch.

**#7 - 2019-04-10 04:51 - Go MAEDA**

- *Status changed from New to Closed*  
- *Assignee set to Go MAEDA*  
- *Resolution set to Fixed*

Committed the patch. Thank you.

**#8 - 2020-10-25 08:02 - Go MAEDA**

- *Related to Defect #32315: Impossible to validate API key without modifying anything added*

**Files**

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30086-http-status-code-403.patch	3.17 KB	2018-12-10	Yuichi HARADA
30086-http-status-code-403-v2.patch	2.7 KB	2019-02-25	Go MAEDA