

Redmine - Defect #42962

Mail handler fails to create issues from emails over 4MB on Rack >= 3.1.14

2025-07-06 04:15 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Email receiving	Estimated time:	0.00 hour
Target version:	5.0.13	Affected version:	
Resolution:	Fixed		
<div>Description</div> <p>When using Rack 3.1.14 or later, creating an issue from an incoming email fails if the email message exceeds 4MB.</p> <p>This is because starting with Rack 3.1.4, a limit was introduced on the query string size, with a default of 4MB. However, this is too small for handling emails. For example, attaching even a single smartphone photo (typically 5–10MB) can exceed the limit and cause issue creation to fail.</p> <p>The limit can be raised by setting the RACK_QUERY_PARSER_BYTESIZE_LIMIT environment variable. I suggest Redmine adopt a higher default, such as 32MB (33554432). Since email attachments are usually Base64-encoded, adding about 33% overhead, this setting would allow emails with attachments up to roughly 24-25MB. That covers several high-resolution photos or a single PowerPoint file, which often ranges from 10–20MB.</p> <pre>diff --git a/config/boot.rb b/config/boot.rb index 72ea699a5..1363e9e75 100644 --- a/config/boot.rb +++ b/config/boot.rb @@ -11,6 +11,8 @@ # - https://github.com/rack/rack/blob/v3.1.16/lib/rack/query_parser.rb#L57 ENV['RACK_QUERY_PARSER_PARAMS_LIMIT'] = '65536' +ENV['RACK_QUERY_PARSER_BYTESIZE_LIMIT'] = '33554432' + # Set up gems listed in the Gemfile. ENV['BUNDLE_GEMFILE'] = File.expand_path('../..'/Gemfile', __FILE__)</pre> <div>Related issues:</div> <div>Related to Redmine - Defect #42875: "Page not found" error when saving workfl...<div>Closed</div></div>			

Associated revisions

Revision 23865 - 2025-07-06 07:25 - Go MAEDA

Fix mail handler failure for emails over 4MB on Rack >= 3.1.14 (#42962).

Patch by Go MAEDA (user:maeda).

Revision 23866 - 2025-07-06 07:28 - Go MAEDA

Merged r23865 from trunk to 6.0-stable (#42962).

Revision 23867 - 2025-07-06 07:29 - Go MAEDA

Merged r23865 from trunk to 5.1-stable (#42962).

Revision 23868 - 2025-07-06 07:29 - Go MAEDA

Merged r23865 from trunk to 5.0-stable (#42962).

History

#1 - 2025-07-06 06:48 - Go MAEDA

- File 42962.patch added

Here is a patch to fix the issue.

#2 - 2025-07-06 06:54 - Go MAEDA

- Related to Defect #42875: "Page not found" error when saving workflows with many statuses on Rack >= 3.1.14 added

#3 - 2025-07-06 07:26 - Go MAEDA

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

Committed the fix in [r23865](#).

#4 - 2025-07-06 07:30 - Go MAEDA

- Status changed from Resolved to Closed

Merged the change into the stable branches in [r23866](#), [r23867](#), and [r23868](#).

Files

42962.patch	1.26 KB	2025-07-06	Go MAEDA
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