## Redmine - Patch #40652

### Replace MD5 with SHA256 when creating the hash for gravatar URL

**2024-05-02 17:02 - Marius BĂLTEANU**

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Marius BĂLTEANU</td>
</tr>
<tr>
<td>Category:</td>
<td>Code cleanup/refactoring</td>
</tr>
<tr>
<td>Target version:</td>
<td>6.0.0</td>
</tr>
</tbody>
</table>

**Description**

https://docs.gravatar.com/avatars/hash/

This is extracted from [#35217](#35217).

```diff
diff --git a/lib/plugins/gravatar/lib/gravatar.rb b/lib/plugins/gravatar/lib/gravatar.rb
index ea4a37cb5..4dc27db52 100644
--- a/lib/plugins/gravatar/lib/gravatar.rb
+++ b/lib/plugins/gravatar/lib/gravatar.rb
@@ -1,6 +1,5 @@
 # frozen_string_literal: true
-require 'digest/md5'
+require 'digest/sha2'
 require 'cgi'

 module GravatarHelper
-# Return the gravatar URL for the given email address.
+# Return the gravatar URL for the given email address.
   def gravatar_url(email, options={})
     email_hash = Digest::MD5.hexdigest(email)
     options = DEFAULT_OPTIONS.merge(options)
```

**Related issues:**

Related to Redmine - Patch #35217: Replace use of Digest::MD5 / Digest::SHA1 ... Closed

**Associated revisions**

**Revision 22802 - 2024-05-02 22:23 - Marius BĂLTEANU**

Switches from MD5 to SHA256 when computing the hash for gravatar URL (#40652).

**Revision 22807 - 2024-05-03 09:31 - Marius BĂLTEANU**

Fixes failing tests caused by r22802 (#40652).

**History**

1. **#1 - 2024-05-02 17:06 - Marius BĂLTEANU**
   - File 0001-Replaces-md5-with-SHA256-when-creating-the-hash-for-.patch added

2. **#2 - 2024-05-02 22:21 - Marius BĂLTEANU**
   - Related to Patch #35217: Replace use of Digest::MD5 / Digest::SHA1 with ActiveSupport::Digest added

3. **#3 - 2024-05-02 22:23 - Marius BĂLTEANU**
   - Status changed from New to Closed

4. **#4 - 2024-05-02 22:23 - Marius BĂLTEANU**
   - Subject changed from Replace md5 with SHA256 when creating the hash for gravatar URL to Replace MD5 with SHA256 when creating the hash for gravatar URL