

## Redmine - Defect #34995

### Running redmine in docker getting ssl error, any ideas what might be the issue?

2021-03-31 15:18 - rafaeltb rafaeltb

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Email receiving	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	4.0.7
<b>Resolution:</b>			
<b>Description</b>			
<p>Im having an issue with SSL. Im getting pretty crazy currently. Got the feeling that I miss something really simple :D</p> <p>Would be very thankful for any help.</p> <p>Maybe I should add rufus to a Dockerfile like its done here: <a href="https://github.com/docker-library/redmine/issues/64?">https://github.com/docker-library/redmine/issues/64?</a></p> <p>Currently wanted to setup with cron. But Im constantly getting this error:</p> <pre>`rake aborted! OpenSSL::SSL::SSLError: SSL_connect returned=1 errno=0 state=error: certificate verify failed (unable to get local issuer certificate)`</pre> <p>Mentioned error occurs when I use this command:</p> <pre>`bundle exec rake -f /usr/src/redmine/Rakefile redmine:email:receive_imap RAILS_ENV="production" host=xxx port=993 username=xxx password=xxx ssl=true project=testproject folder=INBOX move_on_success=processed move_on_failure=failed no_permission_check=1 unknown_user=accept`</pre> <p>Funny thing: When I dirtily switch off ssl-checking by ruby <b>with some sort of hack, all is working</b>. I added a file here in <code>/usr/src/redmine/config/initializers/bypass_ssl_verification_for_open_uri.rb</code> with this:</p> <pre>... require 'openssl' OpenSSL::SSL::VERIFY_PEER = OpenSSL::SSL::VERIFY_NONE ...</pre> <p>Also, I did setup ssl. I use redmine passenger with cert files in <code>/usr/local/ca-certifications</code>.</p> <p>My Dockerfile looks like this:</p> <pre>````FROM redmine:4.1.0-passenger  #install packages RUN apt update &amp;&amp; apt -y install build-essential ca-certificates ruby-xapian  #import certificates for https COPY certificates/redmine.pem /usr/local/share/ca-certificates/ COPY certificates/redmine.key /usr/local/share/ca-certificates/ #not sure why permissions need to be relaxed... RUN chmod -R 777 /usr/local/share/ca-certificates/  CMD ["passenger", "start", "--ssl", "--ssl-certificate", "/usr/local/share/ca-certificates/redmine.pem", "--ssl-certificate-key", "/usr/local/share/ca-certificates/redmine.key", "--ssl-port", "443"] ````</pre>			

And my docker-compose.yml looks like this:

```
....  
version: '3.1'  
  
services:  
  web:  
    build: .  
    restart: always  
    ports:  
      - 8080:3000  
      - 443:3443  
    environment:  
      REDMINE_DB_MYSQL: db  
      REDMINE_DB_PASSWORD: example  
    volumes:  
      - /data/redmine/redmine-files:/usr/src/redmine/files  
      - /data/redmine/redmine-plugins:/usr/src/redmine/plugins  
      - /data/redmine/redmine-themes:/usr/src/redmine/public/themes  
  db:  
    image: mysql:5.7  
    restart: always  
    environment:  
      MYSQL_ROOT_PASSWORD: example  
      MYSQL_DATABASE: redmine  
    volumes:  
      - /data/redmine/mysql:/var/lib/mysql  
....
```

Any ideas? Very thankfull for tips and help ;)

Best