

Redmine - Defect #34995

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

2021-03-31 15:18 - rafaeltb rafaeltb

Status: New	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: Email receiving	Estimated time: 0.00 hour
Target version:	Affected version: 4.0.7
Resolution:	

Description

Im having an issue with SSL. Im getting pretty crazy currently. Got the feeling that I miss something really simple :D

Would be very thankful for any help.

Maybe I should add rufus to a Dockerfile like its done here: <https://github.com/docker-library/redmine/issues/64?>

Currently wanted to setup with cron. But Im constantly getting this error:

```
`rake aborted!
OpenSSL::SSL::SSLError: SSL_connect returned=1 errno=0 state=error: certificate verify failed (unable to get local issuer certificate)`
```

Mentioned error occurs when I use this command:

```
`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`
```

Funny thing: When I dirtily switch off ssl-checking by ruby **with some sort of hack, all is working**. I added a file here in `/usr/src/redmine/config/initializers/bypass_ssl_verification_for_open_uri.rb` with this:

```
...
require 'openssl'
OpenSSL::SSL::VERIFY_PEER = OpenSSL::SSL::VERIFY_NONE
...
```

Also, I did setup ssl. I use redmine passenger with cert files in `/usr/local/ca-certifications`.

My Dockerfile looks like this:

```
````FROM redmine:4.1.0-passenger

#install packages
RUN apt update && 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"]
````
```

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