

Gitlab issues

One project failed its last repository check.

```
cat /var/log/gitlab/gitlab-rails/repocheck.log
```

```
error in blob 31ae455954e2ab24f917f0cad3c9dd9b0e029be4: gitmodulesMissing:  
unable to read .gitmodules blob
```

Solution:

```
su - git  
cd /home/git-data/repositories/\@hashed\..\..\...git  
git fsck  
git gc  
git fsck
```

Failed to add control inotify watch descriptor for control group

```
gru 28 18:36:15 gitlab systemd[1]: user@997.service: Failed to add control  
inotify watch descriptor for control group  
/user.slice/user-997.slice/user@997.service: No space left on device  
gru 28 18:36:15 gitlab systemd[1]: user@997.service: Failed to add memory  
inotify watch descriptor for control group  
/user.slice/user-997.slice/user@997.service: No space left on device
```

Permission denied, please try again.

rate_limit_gitlab_shell:

Gitlab runner cannot clone repository:

```
Permission denied, please try again.  
Permission denied, please try again.  
git@gitlab.example.com: Permission denied (publickey,password).  
fatal: Could not read from remote repository.  
Please make sure you have the correct access rights  
and the repository exists.
```

Tracing Upon SSH connection gitlab-shell is executed. Shell makes internal API connection to <http://unix/api/v4/internal/allowed> endpoint. Puma web server is responsible for handling request.

2.2. Git clone over SSH

HINT: [GitLab: API is not accessible](#)

Reason: Rate limit introduced with v14.8 with (28 Jan, 2022) [Enable Gitlab Shell rate limit by default](#).

More info:

- [Git operations using SSH](#)
- [Enable and disable GitLab features deployed behind feature flags](#)

How to disable rate limits - how to disable `rate_limit_gitlab_shell`:

```
gitlab-rails console
```

and then

```
Feature.enabled?(:rate_limit_gitlab_shell)
```

```
Feature.disable(:rate_limit_gitlab_shell)
```

```
Feature.enabled?(:rate_limit_gitlab_shell)
```

Still problems, try to figure out:

- Gitlab-shell rate limiter: [Rate limiting](#)
- There is another rate limiter in Gitaly: Gitaly also has a rate-limiter in place, but calls are never made to Gitaly if the rate limit is exceeded in GitLab Shell (Rails).
 - It is disabled by default. Need to specify RPC endpoint and params to create Gitaly limiter: [L144 of code](#)
 - [Request limiting in Gitaly](#)
 - [Limit RPC concurrency](#)
 - When these limits are reached, users are disconnected.
 - [Monitor Gitaly rate limiting](#)
 - [Monitor Gitaly concurrency limiting](#)
 - [Troubleshooting Gitaly and Gitaly Cluster](#)
 - [Gitaly reference](#)
 - [Gitaly source](#)
- [Allow specific users to bypass authenticated request rate limiting](#)

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