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| Neusoft |
| Gitlab 备份恢复 |
| Gitlab备份与恢复 |

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| 成阳阳  2016/3/9 |
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# 备份以及恢复的操作

切换至 git用户 在 ${GITLAB\_HOME}/apps/gitlab/htdocs/

目录执行备份与恢复

## 1、修改备份路径

vi ${GITLAB\_HOME}/apps/gitlab/htdocs/config/gitlab.yml，找到如下所示修改

## Backup settings

backup:

path: "/tmp/backups" # Relative paths are relative to Rails.root (default: tmp/backups/)

## 执行备份

cd ${GITLAB\_HOME}/apps/gitlab/htdocs

#执行

bundle exec bin/rake gitlab:backup:create RAILS\_ENV=production

操作执行完毕，会在/tmp/backups/目录下生产一个备份文件，类似1438917368\_gitlab\_backup.tar

注意： 在运行 bundle 需要RubyGems环境，运行bundle install 进行安装

安装过程中会出现各种依赖问题，参见文档下常见问题解决方法

## 恢复备份的数据

cd ${GITLAB\_HOME}/apps/gitlab/htdocs

#执行

bundle exec bin/rake gitlab:backup:restore RAILS\_ENV=production

chown git:git -R /opt/gitlab-7.11.4-0/apps/gitlab/repositories

如果备份的目录下不止一个备份文件，则RAILS\_ENV=production后面需要指定备份文件 BACKUP=xxx。  
至此备份恢复完毕。

# 常见问题

在执行bundle exec bin/rake gitlab:backup:create RAILS\_ENV=production时出现问题

bundle 未安装

gem 未安装

运行 yum install gem

运行 gem install bundle

### /usr/share/rubygems/rubygems.rb:269:in `bin\_path': can't find gem bundler (>= 0) (Gem::GemNotFoundException)

问题解决方法需要安装 gem bundle

在进行安装bundle时，会出现如下的错误。   
# gem install bundle   
ERROR: Could not find a valid gem ‘bundle’ (>= 0), here is why:   
Unable to download data from <https://rubygems.org/> - Errno::ECONNRESET: Connection reset by peer - SSL\_connect (<https://rubygems.org/latest_specs.4.8.gz>)

这种情况，是被墙了。

需要替换了，如下：   
# gem sources --remove https://rubygems.org/   
<https://rubygems.org/> removed from sources   
# gem sources -a https://ruby.taobao.org/   
source <https://ruby.taobao.org/> already present in the cache   
# gem sources -l   
CURRENT SOURCES   
<https://ruby.taobao.org/>   
# gem install bundle   
Fetching: bundler-1.10.6.gem (100%)   
Successfully installed bundler-1.10.6

运行 bundle install时遇到的问题

### Could not find rake-10.3.1 in any of the sources

### Run `bundle install` to install missing gems.

1 运行bundle install 安装缺失的gem，如果被墙，修改源后在执行

bundle config 'mirror.https://rubygems.org' 'https://ruby.taobao.org'

2 运行bundle install时 出现的错误需要逐一解决列出在执行过程中遇到的麻烦

yum install ruby-devel

yum install libicu-devel libxml2-devel

yum -y groupinstall 'Development Tools'

yum install mysql-devel postgresql-devel

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Bundle complete! 110 Gemfile dependencies, 173 gems now installed.

Gems in the groups development, test and sqlite were not installed.

Bundled gems are installed into ./vendor/bundle.

至此 bundle环境ok，运行备份和恢复命令即可