

# Recover GitLab from filesystem backup

Install new instance/node before proceeding

## Install gitlab on server and move postgres DB as backup (Steps bellow for ubuntu)

```
curl -s https://packages.gitlab.com/install/repositories/gitlab/gitlab-ce/script.deb.sh | sudo
bash
apt-get install gitlab-ce
gitlab-ctl reconfigure
gitlab-ctl stop
mv /var/opt/gitlab/postgresql/data /root/
```

## Transfer backup

```
rsync -vaopHDS --stats -P /backup/old-git.server.com/etc/gitlab/gitlab.rb root@new-
git.server.com:/etc/gitlab/gitlab.rb
rsync -vaopHDS --stats -P /backup/old-git.server.com/etc/gitlab/gitlab-secrets.json root@new-
git.server.com:/etc/gitlab/gitlab-secrets.json
rsync -vaopHDS --stats --ignore-existing -P /backup/old-
git.server.com/var/opt/gitlab/postgresql/* root@new-git.server.com:/var/opt/gitlab/postgresql
rsync -vaopHDS --stats --ignore-existing -P /backup/old-git.server.com/var/opt/gitlab/git-
data/repositories/* root@new-git.server.com:/var/opt/gitlab/git-data/repositories
```

## Restart/reconfigure gitlab services

```
gitlab-ctl upgrade
gitlab-ctl reconfigure
gitlab-ctl restart
```

## Reinstall gitlab runner (OPTIONAL)

```
curl -L --output /usr/local/bin/gitlab-runner https://gitlab-runner-  
downloads.s3.amazonaws.com/latest/binaries/gitlab-runner-linux-amd64  
useradd --comment 'GitLab Runner' --create-home gitlab-runner --shell /bin/bash  
gitlab-runner install --user=gitlab-runner --working-directory=/home/gitlab-runner  
  
apt install docker.io  
systemctl start docker  
systemctl enable docker  
usermod -aG docker gitlab-runner  
  
gitlab-runner register
```

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