

JIRA Software (CentOS/PostgreSQL) .



Backup JIRA

JIRA Atlassian - <https://confluence.atlassian.com/adminjiraserver071/backing-up-data-802592964.html>

JIRA XML. Atlassian, , .

Backup PostgreSQL

https://wiki.postgresql.org/wiki/Automated_Backup_on_Linux

:

```
mkdir /var/backups/scripts
mkdir /var/backups/atlassian/jira/db
mkdir /var/backups/atlassian/jira/dir
cd /var/backups/scripts
```

:

```
vim pg_backup.config
vim pg_backup.sh
chmod ug+x pg_backup.sh
vim pg_backup_rotated.sh
chmod ug+x pg_backup_rotated.sh
```

pg_backup.sh . pg_backup_rotated.sh, () .

pg_backup.config . 7 (), 4. - custom. pg_backup.config :

```
#####
## POSTGRESQL BACKUP CONFIG ##
#####

# Optional system user to run backups as. If the user the script is running as doesn't match this
# the script terminates. Leave blank to skip check.
BACKUP_USER=root

# Optional hostname to adhere to pg_hba policies. Will default to "localhost" if none specified.
HOSTNAME=127.0.0.1

# Optional username to connect to database as. Will default to "postgres" if none specified.
USERNAME=

# This dir will be created if it doesn't exist. This must be writable by the user the script is
# running as.
BACKUP_DIR=/var/backups/atlassian/jira/db/

# List of strings to match against in database name, separated by space or comma, for which we only
# wish to keep a backup of the schema, not the data. Any database names which contain any of these
# values will be considered candidates. (e.g. "system_log" will match "dev_system_log_2010-01")
SCHEMA_ONLY_LIST=""

# Will produce a custom-format backup if set to "yes"
ENABLE_CUSTOM_BACKUPS=yes

# Will produce a gzipped plain-format backup if set to "yes"
ENABLE_PLAIN_BACKUPS=

# Will produce gzipped sql file containing the cluster globals, like users and passwords, if set to "yes"
ENABLE_GLOBALS_BACKUPS=

#### SETTINGS FOR ROTATED BACKUPS ####

# Which day to take the weekly backup from (1-7 = Monday-Sunday)
DAY_OF_WEEK_TO_KEEP=7

# Number of days to keep daily backups
DAYS_TO_KEEP=7

# How many weeks to keep weekly backups
WEEKS_TO_KEEP=4

#####
```

, cron (), HOSTNAME pg_backup.config pg_hba.conf trust:

```
sudo vim /var/lib/pgsql/data/pg_hba.conf
sudo systemctl reload postgresql.service
```

:

```
# IPv4 local connections:
host    all             postgres    127.0.0.1/32      trust
host    all             all         127.0.0.1/32      md5
```

, , .

crontab, crontab:

```
sudo vim /etc/crontab
sudo systemctl reload crond.service
```

:

```

SHELL=/bin/bash
PATH=/sbin:/bin:/usr/sbin:/usr/bin
MAILTO=root

# For details see man 4 crontabs

# Example of job definition:
# .----- minute (0 - 59)
# | | .----- hour (0 - 23)
# | | | .----- day of month (1 - 31)
# | | | | .----- month (1 - 12) OR jan,feb,mar,apr ...
# | | | | | .---- day of week (0 - 6) (Sunday=0 or 7) OR sun,mon,tue,wed,thu,fri,sat
# | | | | |
# * * * * * user-name  command to be executed
#backup DB PSQL (jira)
0 3 * * * root /var/backups/scripts/pg_backup_rotated.sh

```

03*** 03:00.

.

Backup JIRA

JIRA , JIRA home directory conf (, , reverse proxy server.xml, ""), (7):

```

cd /var/backups/scripts/
vim ./jira_backup_dir.sh
chmod ug+x jira_backup_dir.sh

```

:

```

#!/bin/bash

TIME=`date +%d-%m-%Y`
FILENAME=backup-jira-$TIME.tar.gz
SRCDIR1=/var/atlassian/application-data/jira
SRCDIR2=/opt/atlassian/jira/conf
DESDIR=/var/backups/atlassian/jira/dir

tar -cpzf $DESDIR/$FILENAME $SRCDIR1 $SRCDIR2
find $DESDIR/backup-* -mtime +7 -delete

```

crontab :

```

sudo vim /etc/crontab
sudo systemctl reload crond.service

```

:

```

SHELL=/bin/bash
PATH=/sbin:/bin:/usr/sbin:/usr/bin
MAILTO=root

# For details see man 4 crontabs

# Example of job definition:
# .----- minute (0 - 59)
# | | .----- hour (0 - 23)
# | | | .----- day of month (1 - 31)
# | | | | .----- month (1 - 12) OR jan,feb,mar,apr ...
# | | | | | .---- day of week (0 - 6) (Sunday=0 or 7) OR sun,mon,tue,wed,thu,fri,sat
# | | | | |
# * * * * * user-name  command to be executed
#backup DB PSQL (jira)
0 3 * * * root /var/backups/scripts/pg_backup_rotated.sh
#backup home directory jira + directory conf
15 3 * * * root /var/backups/scripts/jira_backup_dir.sh

```

15 3 * * * 03:15.

.

JIRA !

JIRA

JIRA:

```
sudo systemctl stop jira
```

(JIRA home directory) . , , (,), :

```

cd /var/backups/atlassian/jira/dir
sudo tar -xzf backup-jira-xx-xx-xx.tar.gz
sudo cd /var/atlassian/application-data/jira/
sudo rm -Rf ./
sudo cp -Rpf /var/backups/atlassian/jira/dir/var/atlassian/application-data/jira/* ./

```

cp , ~/.bashrc alias cp='cp -i' - , -i.

, JIRA, cp, ., conf:

```

sudo cd /opt/atlassian/jira/conf/
sudo cp -Rpf /var/backups/atlassian/jira/dir/opt/atlassian/jira/conf/* ./

```

:

```

sudo -u postgres -i

-bash-4.2$ psql
psql (9.2.18)
"help", .

```

JIRA ():

```
postgres=# ALTER DATABASE jiradb RENAME TO jiradbcorrupted;
```

JIRA:

```
postgres=#CREATE DATABASE jiradb WITH ENCODING='UTF8' OWNER=jiradbuser CONNECTION LIMIT=-1;
postgres=#\q
```

, JIRA (-jiradbcorrupted jiradb):

```
-bash-4.2$ psql -l
```

:

```
-bash-4.2$ pg_restore --format=c -d jiradb -v /var/backups/atlassian/db/monthly/jiradb.custom
```

jiradb , jiradbcorrupted JIRA:

```
-bash-4.2$ psql -U postgres -c "drop database jiradbcorrupted"
-bash-4.2$ exit
sudo systemctl start jira
```

JIRA , .

JIRA !