

Confluence Disaster Recovery Site

This article describes the way to make a Disaster Recovery Site of a Confluence Installation

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Assumptions taken below

What	Where
Confluence Installation Directory	/opt/confluence
Confluence Home Directory	/opt/confluence-data
MySQL Backup	Setup and working, backing up to /backup/mysqlbackup/
Disaster Recovery (Stand by) Server DNS name	drserver.site.dk
rsync between servers	Setup and working via SSH keys

rsyncing MySQL, Confluence Installation and Confluence Home Files

The MySQL backup of the Confluence database and the files of the installation must be synchronised to the alternate server (called drserver.site.dk)

This should be run with cron in regular intervals

```
#!/bin/bash
rsync -avz /backup/mysqlbackup/confluence.sql.gz drserver.site.dk:/mysqlbackup/ >/dev/null
rsync -avz /opt/confluence-data --exclude *.log drserver.site.dk:/opt/
rsync -avz /opt/confluence --exclude catalina.out drserver.site.dk:/opt/
```

Scripts and files

Script for dropping and creating a new database

/scripts/CreateConfluenceDatabase.sql

```
drop database confluence;
create database confluence CHARACTER SET utf8 COLLATE utf8_bin;
grant all privileges on confluence.* to confluence@localhost identified by 'confconf';
flush privileges;
```

Why change the server.xml and setenv.sh

Due to the fact this (probably) is a DR site, some facts can be:

- The HW specs are lower
- The URL (and hence Base URL) are different

So we want to change the server.xml and setenv.sh to reflect those changes, otherwise the system may never start correctly.

So, make a copy of :

```
scp /opt/confluence/conf/server.xml drsite.server.dk:/scripts/server.xml.confluence
scp /opt/confluence/bin/setenv.sh drsite.server.dk:/scripts/setenv.sh.confluence
```

Now, change the files as needed.

Restore Confluence script

This is the script that restores the Confluence on the DR server drserver.site.dk - It needs the files from above to work.

```
#!/bin/bash

if [ `id | grep "uid=0(root)" | wc -l` -lt 1 ]
then
    echo "must be executed as root"
    exit 1
fi

if [ -f /mysqlbackup/confluence.sql ]
then
    rm /mysqlbackup/confluence.sql
fi

echo "Unpacking Confluence database backup"
gunzip -c /mysqlbackup/confluence.sql.gz > /mysqlbackup/confluence.sql

echo "Dropping and Creating Confluence and JIRA databases"
mysql -uroot -password < /scripts/CreateConfluenceDatabase.sql

echo "Importing Confluence database backup into MySQL - This takes a while..."
mysql -uroot -password < /mysqlbackup/confluence.sql

if [ $? -eq 0 ]
then
    echo "Import finished ok"
else
    echo "mysql client ended with exit code different from 0. Stopping script"
    exit 1
fi

echo "Copying server.xml and setenv.sh to Confluence configuration"
cp /scripts/server.xml.confluence /opt/confluence/conf/server.xml
cp /scripts/setenv.sh.confluence /opt/confluence/bin/setenv.sh
rm /opt/confluence/logs/catalina.out

echo "Ready for Starting Confluence for http://drserver.site.dk"
echo "Start with: /opt/confluence/bin/startup.sh;tail -f /opt/confluence/logs/catalina.out"
```