

Bitbucket Backup and Restore Client 사용 방법

이 페이지는 Bitbucket의 backup & restore Client 사용 방법을 정리한다.

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파일	변경됨
ZIP 보관 bitbucket-backup-client-3.6.0.tar.gz	2021-09-29 by 이형근 책임

구성 방안

1. bitbucket-backup-client-3.6.0.tar.gz 압축 해제
2. client_start.sh 파일 수정
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client_start.sh 파일 수정

Bitbucket Backup Client

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```
#!/usr/bin/env bash

DATE=$(date '+%Y-%m-%d-%H%M')

#Bitbucket USER
USERNAME="user"
#Bitbucket Password
PASSWORD="user"
#Bitbucket URL
BASEURL="http://bitbucket:7990"
#Bitbucket
BACKUP_TO=bitbucket_bak
#Bitbucket
BITBUCKET_HOME=/DATA/bitbucket-home/
#Bitbucket
BACKUP_FILE_DIR=./backups
#Bitbucket PREFIX
FILENAME_PREFIX=bitbucket-backup
#Bitbucket
LOGNAME=${FILENAME_PREFIX}-${DATE}.log
#Bitbucket
FILENAME=${FILENAME_PREFIX}-${DATE}.tar.gz
#Bitbucket
BACKUP_BINARY=/DATA/bitbucket_backup/bitbucket-backup-client-3.6.0/bitbucket-backup-client.jar

echo ${FILENAME}

#
#
REMOTE_USERNAME="curvc"
# IP
REMOTE_IP="10.0.100.239"
#
REMOTE_PORT="11122"
```

```

#
REMOTE_TO="/var/backups"

KEEP=3
FILTER=${FILENAME_PREFIX}*.tar.gz

BASE_DIR="$( cd "$( dirname "$0" )" && pwd )"
BASE_DIR= realpath ${BASE_DIR}
echo BASE_DIR is ${BASE_DIR}

cd ${BASE_DIR}

# clean up
rm -rf ${BACKUP_TO}
# backup Bitbucket
echo java -Dbitbucket.user=${USERNAME} -Dbitbucket.password=${PASSWORD} -Dbitbucket.baseUrl=${BASEURL} -
Dbitbucket.home=${BITBUCKET_HOME} -Dbackup.home=${BASE_DIR}/${BACKUP_TO} -jar ${BACKUP_BINARY}

java -Dbitbucket.user=${USERNAME} -Dbitbucket.password=${PASSWORD} -Dbitbucket.baseUrl=${BASEURL} -Dbitbucket.
home=${BITBUCKET_HOME} -Dbackup.home=${BASE_DIR}/${BACKUP_TO} -jar ${BACKUP_BINARY}

#log backup
echo "-----log backup-----"
echo cp -r ${BACKUP_TO}/log/* ${BACKUP_FILE_DIR}/${LOGNAME}
cp -r ${BACKUP_TO}/log/* ${BACKUP_FILE_DIR}/${LOGNAME}

# zip backup data
cd ${BASE_DIR}
mkdir -p ${BACKUP_FILE_DIR}
echo tar -zcvf ${BACKUP_FILE_DIR}/${FILENAME} ${BACKUP_TO}
tar -zcvf ${BACKUP_FILE_DIR}/${FILENAME} ${BACKUP_TO}

#
# transfer to remote server
if [ -e ${BACKUP_FILE_DIR}/${FILENAME} ]; then
    echo "Backup file exist"
    echo "Start copy to remote"
    echo scp -P ${REMOTE_PORT} ${BACKUP_FILE_DIR}/${FILENAME} ${REMOTE_USERNAME}@${REMOTE_IP}:${REMOTE_TO}
    scp -P ${REMOTE_PORT} ${BACKUP_FILE_DIR}/${FILENAME} ${REMOTE_USERNAME}@${REMOTE_IP}:${REMOTE_TO}
else
    echo "Backup file is NOT exist"
fi

# 90 (days )
# delete old backup file

days=90

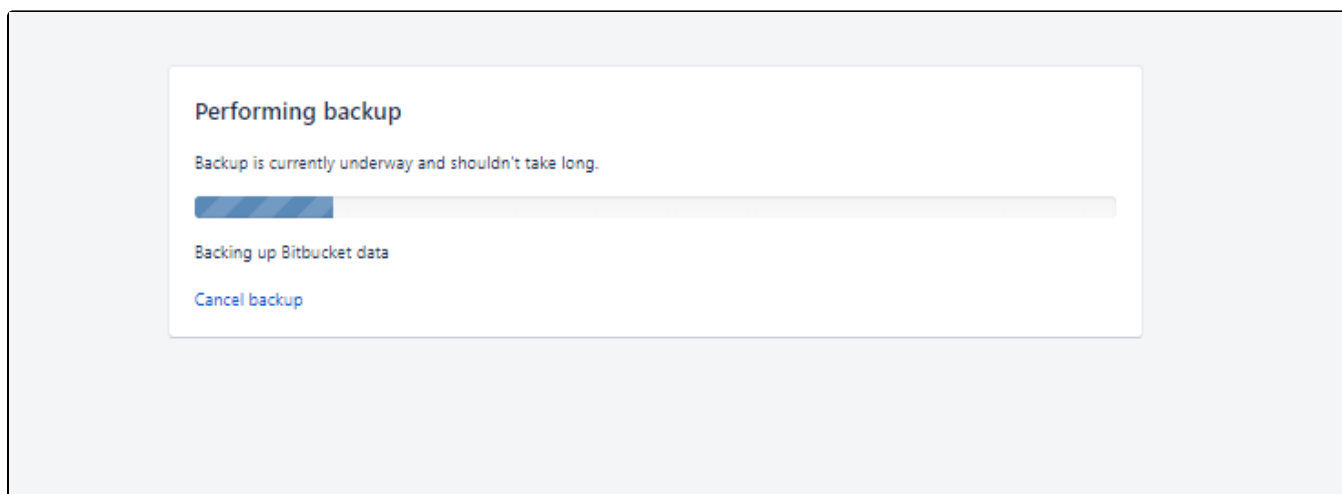
echo "start - delete files older than ${days} days"
echo find /at/bitbucket_backup/backups -mtime +${days} -exec rm -f {} \;
find /at/bitbucket_backup/backups -mtime +${days} -exec rm -f {} \;
echo "end - delete files older than ${days} days"

```

백업 진행

client_start.sh 실행

- Bitbucket 접속 시 백업 진행 확인



실제 Bitbucket 서버 백업 진행 확인

```
[root@confluence bitbucket-backup-client-3.6.0]# ./client_start.sh
bitbucket-backup-2021-09-29-1652.tar.gz
/at/bitbucket_backup/bitbucket-backup-client-3.6.0
BASE_DIR is /at/bitbucket_backup/bitbucket-backup-client-3.6.0
java -Dbitbucket.user=crowd -Dbitbucket.password=crowd -Dbitbucket.baseUrl=http://10.1.19.10:7990/ -Dbitbucket.home=/at/bitbucket-home/ -Dbackup.home=/at/bitbucket_backup/bitbucket-backup-client-3.6.0/bitbucket_bak -jar /at/bitbucket_backup/bitbucket-backup-client-3.6.0/bitbucket-backup-client.jar
2021-09-29 16:52:15,415 INFO      Initializing
2021-09-29 16:52:17,628 INFO      Using Bitbucket 6.10.4
2021-09-29 16:52:17,658 INFO      Contacting Bitbucket
2021-09-29 16:52:17,794 INFO      Bitbucket has been locked for maintenance. It may be unlocked with token: 57a82f4a86fcb8dd70f0739a91614c576cbd14d
2021-09-29 16:52:17,924 INFO      Starting database backup on Bitbucket. It may be cancelled with token: 88536b08826aa1078d30b4884dc8f8b83da4d132
2021-09-29 16:52:22,322 INFO      (22%) Now scanning /at/bitbucket-home
2021-09-29 16:52:22,639 INFO      (22%) Verifying files in Bitbucket home "/at/bitbucket-home"
2021-09-29 16:52:22,655 INFO      (22%) Verifying Bitbucket home
2021-09-29 16:52:22,870 INFO      (22%) Backing up Bitbucket home
2021-09-29 16:52:23,523 INFO      (22%) Waiting on Bitbucket database backup to complete
2021-09-29 16:52:27,198 INFO      (100%) Bitbucket has completed backing up the database
2021-09-29 16:52:27,198 INFO      (100%) Downloading database backup zip from Bitbucket
2021-09-29 16:52:27,334 INFO      (100%) Backup complete: /at/bitbucket_backup/bitbucket-backup-client-3.6.0/bitbucket_bak/backups/bitbucket-20210929-165227-333.tar
2021-09-29 16:52:27,338 INFO      (100%) Unlocking Bitbucket using token: 57a82f4a86fcb8dd70f0739a91614c576cbd14d
2021-09-29 16:52:27,352 INFO      (100%) Total backup time: 10.13 s
-----log backup-----
cp -r bitbucket_bak/log/atlassian-sbc-2021-09-29-1652.log ../backups/bitbucket-backup-2021-09-29-1652.log
tar -zcvf ../backups/bitbucket-backup-2021-09-29-1652.tar.gz bitbucket_bak
bitbucket_bak/
bitbucket_bak/log/
bitbucket_bak/log/atlassian-sbc-2021-09-29-1652.log
bitbucket_bak/backups/
bitbucket_bak/backups/bitbucket-20210929-165227-333.tar
Backup file exist
Start copy to remote
scp ../backups/bitbucket-backup-2021-09-29-1652.tar.gz curvc@10.0.100.239:/cygdrive/c/bitbucket
bitbucket-backup-2021-09-29-1652.tar.gz          100% 7863KB   6.0MB/s   00:01
start - delete files older than 90 days
find /at/bitbucket_backup/backups -mtime +90 -exec rm -f {} ;
end - delete files older than 90 days
```

Reference

Bitbucket Server Backup Client

- <https://confluence.atlassian.com/bitbucketserver/bitbucket-server-backup-client-776640064.html>