

Backups

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Off-Site Backups

Local Backups

Local backups are performed via cronjobs configured on a per server basis, depending on the files & databases required.

BookStack Backups

Database backups are performed using the mysqldump command, and using a dedicated 'backup' mysql user, with read only privilege:

```
##CREATE MySQL Backups User##
CREATE USER 'backup'@'localhost' IDENTIFIED BY 'password';

##GRANT Privilege to Backup User##
GRANT SELECT ON *.* TO 'backup'@'localhost';

##pull in update mysql user privilege
flush privileges;

##Give MySQL default mysqldump user options##
vim /root/.my.cnf
[mysqldump]
user=bookstack
password=password

##restart mysql##
systemctl restart mysql

##Cronjob for backups to run##
crontab -e
0 23 * * * DATE=`date +%y-%m-%d`; mysqldump -u backup bookstack --no-tablespaces | gzip >
/bookstack-backups/database/bookstack-`DATE`.sql.gz | rsync -a /bookstack-
backups/database/bookstack-`DATE`.sql.gz root@backup.b4sed.xyz:/backups/bookstack/database |
find /bookstack-backups/database -name "*.gz" -type f -mtime +7 -delete
```

File level backups are performed using the tar command, the zipped file is then transferred to the remote backup server via rsync:

```
DATE=`date +%y-%m-%d`;tar -aP -cf /bookstack-backups/file/bookstack_file-$DATE.gz  
/var/www/BookStack |rsync -a /bookstack-backups/file/bookstack_file-$DATE.gz  
root@backup.b4sed.xyz:/backups/bookstack/file | find /bookstack-backups/file -name "*.gz" -  
type f -mtime +7 -delete
```