

## Backup y restore en Ubuntu

En primer paso tendríamos que instalar el paquete “Duplicity” Mediante apt-get install duplicity

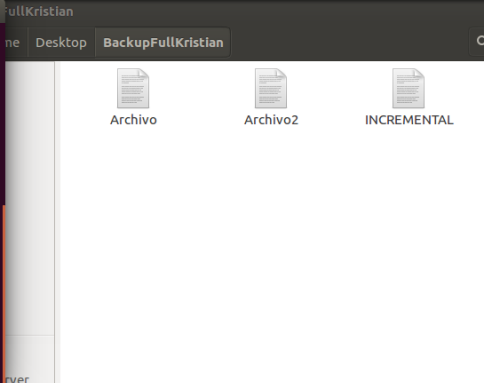
### BACKUP FULL

```
kristian@ubuntu:~$ sudo duplicity full /home/kristian/Desktop/BackupFullKristian/ file:///home/kristian/Desktop/BackupFullKristian_Backup
[sudo] password for kristian:
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: none
GnuPG passphrase for decryption:
Retype passphrase for decryption to confirm:
-----[ Backup Statistics ]-----
StartTime 1480001069.54 (Thu Nov 24 07:24:29 2016)
EndTime 1480001069.54 (Thu Nov 24 07:24:29 2016)
ElapsedTime 0.01 (0.01 seconds)
SourceFiles 3
SourceFileSize 4096 (4.00 KB)
NewFiles 3
NewFileSize 4096 (4.00 KB)
DeletedFiles 0
ChangedFiles 0
ChangedFileSize 0 (0 bytes)
ChangedDeltaSize 0 (0 bytes)
DeltaEntries 3
RawDeltaSize 0 (0 bytes)
TotalDestinationSizeChange 237 (237 bytes)
Errors 0
-----
kristian@ubuntu:~$ Hecho por cristian
```

Simplemente con el comando visto en la imagen se crearía el backup tipo Full

### BACKUP INCREMENTAL

```
kristian@ubuntu:~$ sudo duplicity incremental /home/kristian/Desktop/BackupFullKristian/ file:///home/kristian/Desktop/BackupFullKristian_Backup
kristian@ubuntu:~$ sudo duplicity incremental /home/kristian/Desktop/BackupFullKristian/ file:///home/kristian/Desktop/BackupFullKristian_Backup
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: none
GnuPG passphrase for decryption:
Retype passphrase for decryption to confirm:
Fatal Error: Unable to start incremental backup. Old signatures not found and incremental specified
kristian@ubuntu:~$
```



En este he probado de mil maneras reinstalando el duplicity y demás y seguía saliendo el mismo error no lo se porque.

### RESTAURAR BACKUP

```
kristian@ubuntu:~$ sudo duplicity restore file:///home/kristian/Desktop/BackupFullKristian_Backup/ /home/kristian/Desktop/BackupFull
Synchronizing remote metadata to local cache...
GnuPG passphrase for decryption:
Copying duplicity-full-signatures.20161124T152409Z.sigtar.gpg to local cache.
Copying duplicity-full.20161124T152409Z.manifest.gpg to local cache.
Last full backup date: Thu Nov 24 07:24:09 2016
kristian@ubuntu:~$
```

Con el comando visto arriba en la imagen podremos hacer un restore del backup que creamos.

## BACKUP FTP

```
kristian@ubuntu:~$ sudo duplicity full /home/kristian/Desktop/Scripts ftp://kristian@127.0.0.1:21/public_html
LFTP version is 4.6.3a
Password for 'kristian@127.0.0.1':
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: none
GnuPG passphrase for decryption:
Retype passphrase for decryption to confirm:
Attempt 1 failed. BackendException: Error running 'lftp -c 'source '/tmp/duplicity-zyVDxT-tempdir/mkstemp-tdYKX1-1'; mkdir
t '/tmp/duplicity-zyVDxT-tempdir/mktemp-0K9rMZ-3' -o 'public_html/duplicity-full.20161124T160404Z.vol1.difftar.gpg''': r
:
mkdir: Access failed: 550 Permission denied. (public_html/)
put: /tmp/duplicity-zyVDxT-tempdir/mktemp-0K9rMZ-3: Access failed: 550 Permission denied. (public_html/duplicity-full.20
fftar.gpg)
```

Primero tendríamos que instalar el FTP y sigüientemente poniendo el comando visto arriba en la imagen crearíamos el Backup en FTP, en esta practica a mi compañero Alex y a mi nos salía el mismo error, que no tenia permisos o algo asi y hemos probado de varias maneras.