

CPD Práctica 9

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Parte Obligatoria

Backup inicial:

```
[vagrant@nodo2:~$ duplicity full test9/ scp://vagrant@nodo1//home/vagrant/backups
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: none
GnuPG passphrase for decryption:
Cannot use empty passphrase with symmetric encryption! Please try again.
GnuPG passphrase for decryption:
Cannot use empty passphrase with symmetric encryption! Please try again.
GnuPG passphrase for decryption:
Retype passphrase for decryption to confirm:
-----[ Backup Statistics ]-----
StartTime 1607706358.03 (Fri Dec 11 17:05:58 2020)
EndTime 1607706358.05 (Fri Dec 11 17:05:58 2020)
ElapsedTime 0.01 (0.01 seconds)
SourceFiles 1
SourceFileSize 4096 (4.00 KB)
NewFiles 1
NewFileSize 4096 (4.00 KB)
DeletedFiles 0
ChangedFiles 0
ChangedFileSize 0 (0 bytes)
ChangedDeltaSize 0 (0 bytes)
DeltaEntries 1
RawDeltaSize 0 (0 bytes)
TotalDestinationSizeChange 190 (190 bytes)
Errors 0
-----
```

Listado de archivos del backup en nodo1:

```
[vagrant@nodo1:~$ ls backups/
duplicity-full-signatures.20201211T170551Z.sigtar.gpg
duplicity-full.20201211T170551Z.manifest.gpg
duplicity-full.20201211T170551Z.vol1.difftar.gpg
[vagrant@nodo1:~$ exit
```

Creación de archivos y copia incremental:

```
vagrant@nodo2:~/test9$ ll
total 12
drwxrwxr-x  2 vagrant vagrant 4096 Dec 11 17:08 ./
drwxr-xr-x 11 vagrant vagrant 4096 Dec 11 17:08 ../
-rw-rw-r--  1 vagrant vagrant   0 Dec 11 17:08 holasoytest9
-rw-rw-r--  1 vagrant vagrant  20 Dec 11 17:08 holasoytest9-mejor
vagrant@nodo2:~/test9$ duplicity incremental test9/ scp://vagrant@nodo1//home/vagrant/backups
Backups
Backup source directory test9 does not exist.
vagrant@nodo2:~/test9$ cd ..
vagrant@nodo2:~$ duplicity incremental test9/ scp://vagrant@nodo1//home/vagrant/backups
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: Fri Dec 11 17:05:51 2020
GnuPG passphrase for decryption:
[Retype passphrase for decryption to confirm:
-----[ Backup Statistics ]-----
StartTime 1607706589.66 (Fri Dec 11 17:09:49 2020)
EndTime 1607706589.67 (Fri Dec 11 17:09:49 2020)
ElapsedTime 0.01 (0.01 seconds)
SourceFiles 3
SourceFileSize 4116 (4.02 KB)
```

Recuperar archivo individual:

```
drwxrwxr-x  2 vagrant vagrant 4096 Dec 11 17:24 test9_A/
[vagrant@nodo2:~$ duplicity --file-to-restore holasoytest9-mejor scp://vagrant@nodo1//home/vagrant/backups ./test9_A/mi-archivo-querido
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: Fri Dec 11 17:05:51 2020
GnuPG passphrase for decryption:
[vagrant@nodo2:~$ cat test9_A/mi-archivo-querido
mejor
mejor mejor!!
vagrant@nodo2:~$
```

“Guardados” de un archivo concreto:

```
[vagrant@nodo2:~$ duplicity collection-status --file-changed holasoytest9-mejor scp://vagrant@nodo1//home/vagrant/backups
Last full backup date: Fri Dec 11 17:05:51 2020
-----
File: holasoytest9-mejor
Total number of backup: 2
Type of backup set:                               Time:   Type of file change:
Incremental          Fri Dec 11 17:09:43 2020          b'New'
Incremental          Fri Dec 11 17:33:52 2020          b'Changed'
-----
[vagrant@nodo2:~$ cat test9
test9/  test9_A/
[vagrant@nodo2:~$ cat test9/holasoytest9-mejor
mejor
mejor mejor!!

Mucho mejor que mejor- segunda actualizacion
vagrant@nodo2:~$
```

Recuperar archivo con una fecha determinada:

```
vagrant@nodo2:~$ duplicity -t 2020-12-11T17:09:43 --file-to-restore holasoytest9-mejor scp://vagrant@nodo1//home/vagrant/backups ./test9_B/mi-archivo-inicial
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: Fri Dec 11 17:05:51 2020
GnuPG passphrase for decryption:
vagrant@nodo2:~$ ls test9_
test9_A/ test9_B/
vagrant@nodo2:~$ ls test9_B/
mi-archivo-inicial
vagrant@nodo2:~$ cat test
test1/ test3/ test9/ test9_A/ test9_B/
vagrant@nodo2:~$ cat test9_B/mi-archivo-inicial
mejor
mejor mejor!!
vagrant@nodo2:~$ cat test9/holasoytest9-mejor
mejor
mejor mejor!!

Mucho mejor que mejor- segunda actualizacion
vagrant@nodo2:~$
```

Listado de Backups:

```
vagrant@nodo2:~$ duplicity collection-status scp://vagrant@nodo1//home/vagrant/backups
Last full backup date: Fri Dec 11 17:45:38 2020
Collection Status
-----

Connecting with backend: BackendWrapper
Archive dir: /home/vagrant/.cache/duplicity/e431872838d891c011f8b238f86f95e1

Found 1 secondary backup chain.
Secondary chain 1 of 1:
-----

Chain start time: Fri Dec 11 17:05:51 2020
Chain end time: Fri Dec 11 17:45:09 2020
Number of contained backup sets: 5
Total number of contained volumes: 5
  Type of backup set:                Time:                Num volumes:
      Full                Fri Dec 11 17:05:51 2020                1
      Incremental        Fri Dec 11 17:09:43 2020                1
      Incremental        Fri Dec 11 17:33:52 2020                1
      Incremental        Fri Dec 11 17:44:43 2020                1
      Incremental        Fri Dec 11 17:45:09 2020                1
-----

Found primary backup chain with matching signature chain:
-----

Chain start time: Fri Dec 11 17:45:38 2020
Chain end time: Fri Dec 11 17:45:38 2020
Number of contained backup sets: 1
Total number of contained volumes: 1
  Type of backup set:                Time:                Num volumes:
      Full                Fri Dec 11 17:45:38 2020                1
-----

No orphaned or incomplete backup sets found.
vagrant@nodo2:~$
```

Borrar todos los backups que no sean full salvo X (1 en este caso). (Parece que no funciona)


```
[vagrant@nodo2:~$ duplicity remove-all-inc-of-but-n-full 1 scp://vagrant@nodo1//home/vagrant/backups --force
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: Fri Dec 11 17:45:38 2020
Deleting backup chain at time:
Fri Dec 11 17:45:09 2020
Deleting any incremental signature chain rooted at Fri Dec 11 17:45:09 2020
Deleting any incremental signature chain rooted at Fri Dec 11 17:05:51 2020
Deleting any incremental backup chain rooted at Fri Dec 11 17:45:09 2020
[vagrant@nodo2:~$ duplicity collection-status scp://vagrant@nodo1//home/vagrant/backups
Last full backup date: Fri Dec 11 17:45:38 2020
Collection Status
-----
Connecting with backend: BackendWrapper
Archive dir: /home/vagrant/.cache/duplicity/e431872838d891c011f8b238f86f95e1

Found 1 secondary backup chain.
Secondary chain 1 of 1:
-----
Chain start time: Fri Dec 11 17:05:51 2020
Chain end time: Fri Dec 11 17:45:09 2020
Number of contained backup sets: 5
Total number of contained volumes: 5
Type of backup set:                               Time:                               Num volumes:
      Full                Fri Dec 11 17:05:51 2020                1
      Incremental         Fri Dec 11 17:09:43 2020                1
      Incremental         Fri Dec 11 17:33:52 2020                1
      Incremental         Fri Dec 11 17:44:43 2020                1
      Incremental         Fri Dec 11 17:45:09 2020                1
-----

Found primary backup chain with matching signature chain:
-----
Chain start time: Fri Dec 11 17:45:38 2020
Chain end time: Fri Dec 11 17:52:01 2020
Number of contained backup sets: 2
Total number of contained volumes: 2
Type of backup set:                               Time:                               Num volumes:
      Full                Fri Dec 11 17:45:38 2020                1
      Incremental         Fri Dec 11 17:52:01 2020                1
-----

No orphaned or incomplete backup sets found.
```

Listado de archivos:

```
[vagrant@nodo2:~$ duplicity list-current-files scp://vagrant@nodo1//home/vagrant/backups
Local and Remote metadata are synchronized, no sync needed.
Last full backup date: Fri Dec 11 17:45:38 2020
Fri Dec 11 17:51:52 2020 .
Fri Dec 11 17:08:13 2020 holasoytest9
Fri Dec 11 17:33:13 2020 holasoytest9-mejor
Fri Dec 11 17:45:03 2020 nuevoarchivico
Fri Dec 11 17:51:52 2020 nuevoarchivico-2
vagrant@nodo2:~$
```

Nextcloud funcionando en el cliente. He configurado una carpeta y la he sincronizado:

