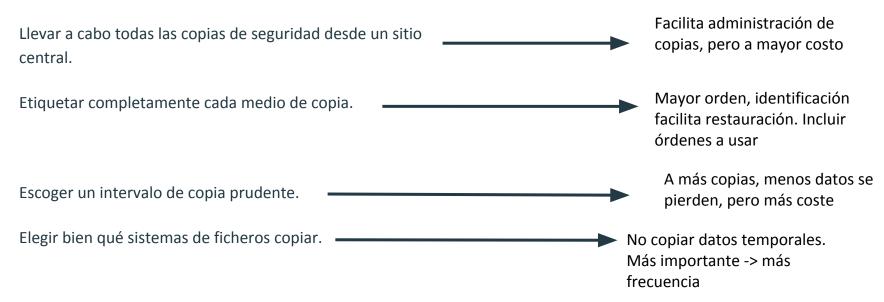
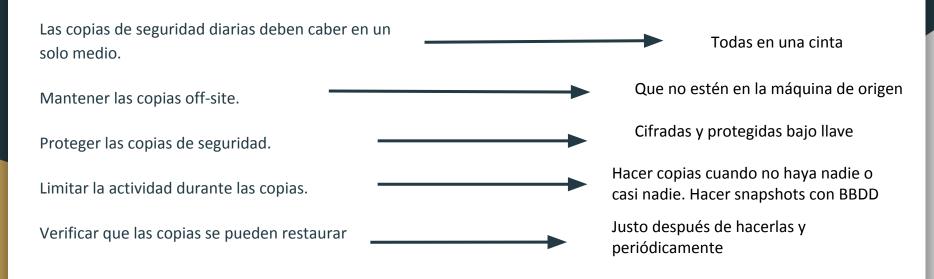
### Copias de seguridad

Javier Martín Gómez Juan Jesús Torres Prieto

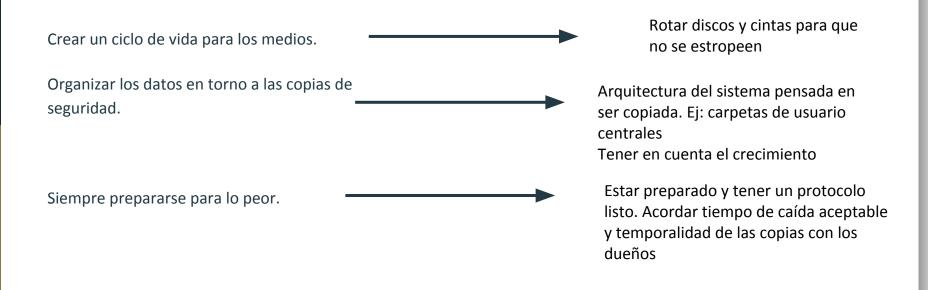
# 1.1 Directrices fundamentales a tener en cuenta a la hora de hacer copias de seguridad (parte 1)



## 1.2 Directrices fundamentales a tener en cuenta a la hora de hacer copias de seguridad (parte 2)



## 1.3 Directrices fundamentales a tener en cuenta a la hora de hacer copias de seguridad (parte 3)

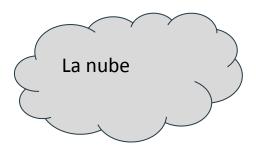


#### 2. Tipos de medios de almacenamiento

CD DVD Blu-ray

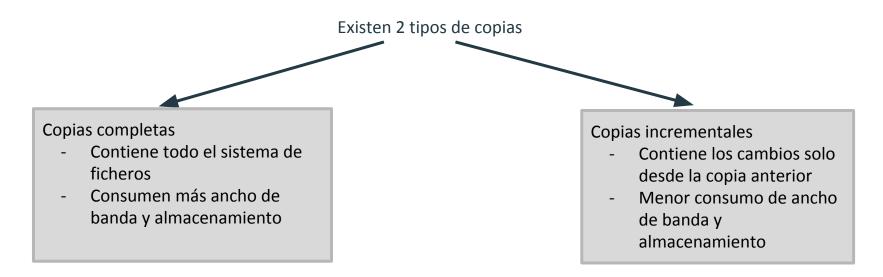
Discos duros externos

Cintas magnéticas Discos duros

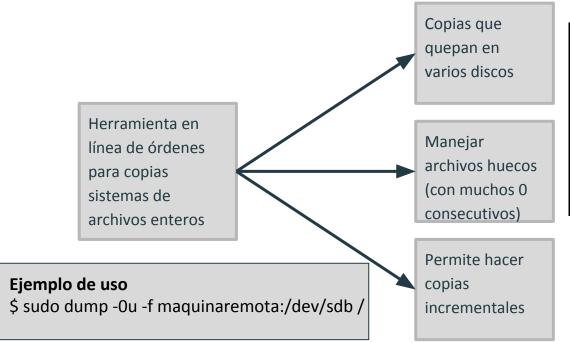




#### 3. Copias completas e incrementales

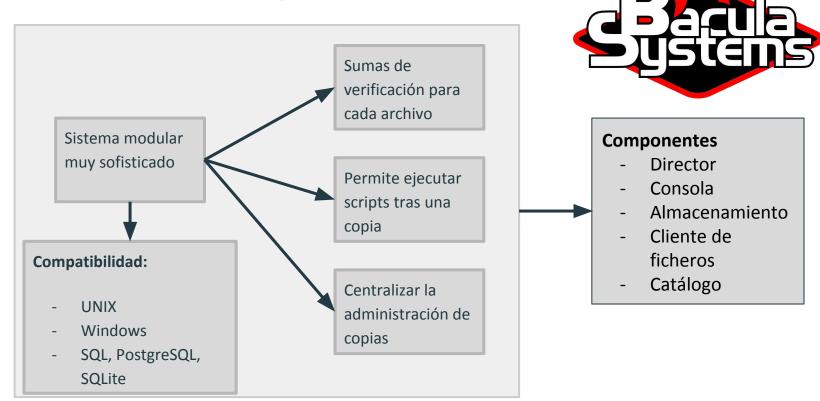


#### 4. Copias de seguridad con Dump



```
Filesustem
             Type Size Used Avail Usez Mounted on
/dev/sdb1
              ext4 20G 44M 19G 1% /mnt
[root@backup-test /]# runlevel
[root@backup-test /]# dump -Buf /mnt/sda1.dump /dev/sda1
 DUMP: Date of this level 0 dump: Tue Oct 25 23:26:59 2016
 DUMP: Dumping /dev/sda1 (/boot) to /mnt/sda1.dump
 DUMP: Label: none
 DUMP: Writing 10 Kilobute records
  DUMP: mapping (Pass I) [regular files]
  DUMP: mapping (Pass II) [directories]
 DUMP: estimated 37795 blocks.
 DUMP: Volume 1 started with block 1 at: Tue Oct 25 23:26:59 2016
 DUMP: dumping (Pass III) [directories]
 DUMP: dumping (Pass IV) [regular files]
 DUMP: Closing /mnt/sda1.dump
  DUMP: Volume 1 completed at: Tue Oct 25 23:26:59 2016
  DUMP: Volume 1 37910 blocks (37.02MB)
 DUMP: 37910 blocks (37.02MB) on 1 volume(s)
 DUMP: finished in less than a second
 DUMP: Date of this level 0 dump: Tue Oct 25 23:26:59 2016
 DUMP: Date this dump completed: Tue Oct 25 23:26:59 2016
 DUMP: Average transfer rate: 0 kB/s
```

5. Copias de seguridad con Bacula<sub>I</sub>



#### 6. Centros de respaldo

CORETA

Centro de respaldo que absorbe las operaciones del CPD principal

Situado entre 20-40km del CPD principal

Se usa en caso de:

- Terremotos
- Incendios
- Inundaciones
- Atentados

El hardware no tiene por qué ser idéntico (no todos los procesos son críticos)

El software debe ser idéntico para que haya compatibilidad con el CPD principal

#### 7. Bibliografía

- [1] UNIX and Linux System Administration Handbook, 4th Edition
- [2] https://public.dhe.ibm.com/common/ssi/ecm/ts/en/tsd03243usen/tsd03243-usen-00\_TSD03243USEN.pdf
- [3] https://es.wikipedia.org/wiki/Centro de respaldo