

## Practice 2. How to deliver it

ZIP file will be required. It has to contain the following folder structure:

- doc
- ssh
- vnc\_rdp
- XDMCP\_X2go
- nfs\_samba
- cups
- ftp
- jail
- dhcp
- dns
- mail
- ldap

doc folder will contain practice documentation.

ssh .. ldap folders will contain:

- linux.log
- unix.log
- windows.csv
- historylinux.txt
- historyunix.txt

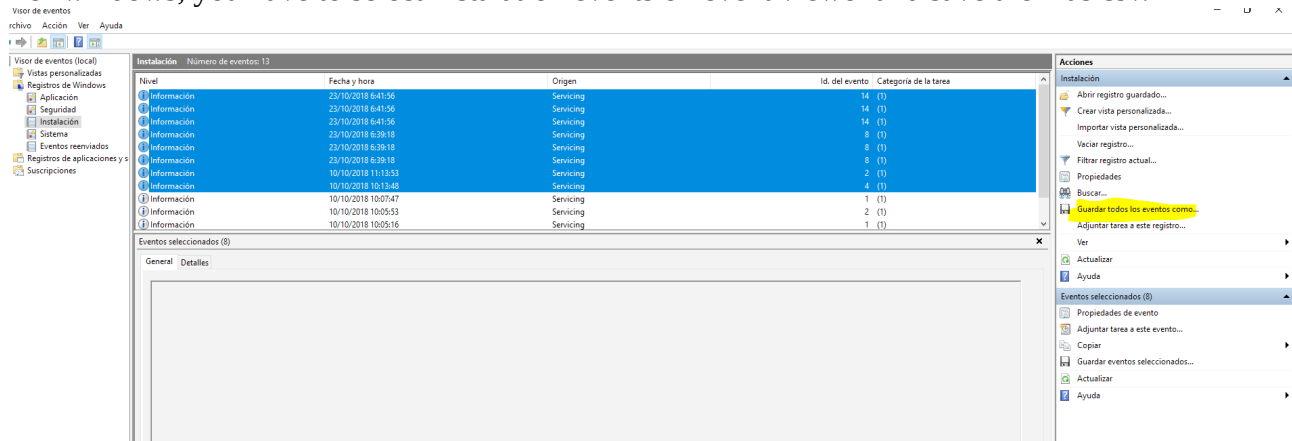
Example:

```
sudo cat /var/log/secure | grep "sshd" > ./memoria/ssh/linux.log
```

If it is possible, for Linux and Unix you have to activate:

- VERBOSE loglevel so that we can see as much information as possible
- Services must use specific log files instead of system.log

For windows, you have to select instalation events on event viewer and save them as csv.



History give us the command list since the server started.

```
$ history >> history_cups.txt
```

Or we have a file on `/home/usuario`

`.bash_history`

*here, all commands will be stored for this user since user was created.*

*So, we have two options to generate documentation:  
for each service, we can copy history or .bash\_history and then delete it to not store more commands than needed.*

```
$ cat .history_bash >> memoria_cups
```

*Later, on /var/logs we can look for the specific service logs. Example:*

```
grep -R "CUPS" * >> memoria_cups
```

DNS service:

- Unix 192.168.XXX.221
- Linux 192.168.XXX.222
- Windows 192.168.XXX.223

DHCP ranges:

- VirtualBox 192.168.XXX.2 - 192.168.XXX.50
- Linux 192.168.XXX.51 - 192.168.XXX.100
- Unix 192.168.XXX.101 - 192.168.XXX.150
- Windows 192.168.XXX.151 – 192.168.XXX.200

## **Practice 2**

ssh	Public key authentication & Port mapping
vnc/rdp	(both)
XDMCP/X2go	(both)
nfs/samba	(both)
cups	
ftp	(jail)
dhcp	
dns	
mail	antivirus & antispam
ldap/active directory	(AD on Windows and ldap on Linux & Unix)

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