



Enterprise backup & recovery

Linux Bare Metal Recovery



- CD-ROM

- ✓ Hard to create and use
- ✓ Driver problems
- ✓ Non-graphical
- ✓ Hard to customize

- First live usb

- ✓ Ubuntu based
- ✓ *Drivers for most hardware*
- ✓ *Support for lvm*
 - *Drawbacks:*
 - ✓ *Have to go to each physical machine*
 - ✓ *Scripts are written in bash*



- Coming live usb (Next release)
 - ✓ Runs a script at time of backup
 - ✓ *No need to go to each physical machine*
 - ✓ *Scripts are written in perl*



Live usb (next release)

- Deployment
 - ✓ Gui interface
 - ✓ Backs up script directory on master machineAnd restores it to selected clients

Screenshots: plugin deployment gui



Add the clients to whom you wish to deploy the plugin

- client1-fd
- 2008r2
- s2k8-2
- s2k3-64-light
- winpe-test
- 2008-64-light
- s2k8-32
- S2k3
- S2k8
- client2-fd
- director-64-fd
- rescue-usb-key

add

REMOVE

The Bacula Systems logo, featuring the text "Bacula Systems" in a stylized font with a red dragon-like creature behind the letters.

Cancel

Done

Live usb (next release)

- Deployment
 - ✓ Can be used to deploy other software
 - ✓ Can be tweaked for different machines

Live usb (next release)

- How it works
 - ✓ Asks the user which machine he wants to recover
 - ✓ Asks the user to which date he wants to recover
 - ✓ Gets backed up info files from director
 - ✓ Reads info from backed up files
 - ✓ Tries to find the corresponding drives
 - ✓ Shows the user a list of the actual drives and the drives gathered at backup time
 - ✓ Ask the user to identify its drives
 - ✓ Ask the user whether he wants to reformat or not

Live usb (next release)



- How it works
 - ✓ Partition disks according to gathered info
 - ✓ formats disks according to gathered info
 - ✓ Mounts disks to relative path according to gathered info
 - ✓ Copy a static bacula file daemon into mount folder
 - ✓ Chroots into mount folder
 - ✓ Executes static bacula-fd
 - ✓ Asks the director for the data
 - ✓ Install grub on the root disk

Bare metal recovery demo



Bare metal recovery



- Comments, questions ?