Mondo Rescue:
The disaster recovery solution

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• Backup with mondoarchive
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The disaster recovery solution

- Distribution neutral
- Supports any FS accessible by the kernel (including dual boot systems) and boot loader (+LVM, +SW Raid)
- Supports CD-R[W], DVD [-+]R[W], Tapes, NFS, local FS
- Use mindi for mini-distro
- Full, differential backups are supported
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Archiving: mondoarchive

- Uses either bzip2, gzip or lzo for data compression
- Uses afio for reliable backup
- Generates variable size bootable ISO images
- Use running kernel + modules or a generic set
- 
  /usr/sbin/mondoarchive -O -k /boot/vmlinuz-2.6.14 -p mach1 -E 
  
  "/usr/share/doc /usr/src /mnt/fs2" -F 
  -N -d / -s 700M -T /home/mondo/tmp 
  -n server.hpintelco.org:/writer/nfs
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Restoring: mondorestore

- From bootable physical medias (floppy, CDs, tapes), images on disks, network, virtual media (Proliant specific) or PXE
- mindi.iso tool set
- Various modes: Automatic, Interactive, Selective, Compare
- Ability to change FS type, layout, SW Raid, even HW configuration.
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Proliant features

- With the iLO and Virtual Media function, ability to boot from a central server hosting all ISO images
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PXE support

- Using PXE boot ROM, ability to integrate mondo images with a generic deployment server based on pxelinux. (HP Patches)

label mondo

    kernel kernel/vmlinux-mondo

    append initrd=initrd/initrd-mondo.img ramdisk_size=32768
    rw root=/dev/ram pxe
    prefix=mach1 load_ramdisk=1
    prompt_ramdisk=0
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Which future?

“World domination (Linus Torvalds)”

- IA-64 port
- Better cciss support
- Better PXE support
- Integration of all HP patches in the core product (stable version)
- New Mindi rewritten in perl
- Code and build environment cleanup
Web Resources

- Mondo Rescue main site
  http://www.mondo rescue.org
- BerliOS version
  http://mondo rescue.berlios.de
- Busybox
  http://www.busybox.org
- Mondo presentation of J. Keating
  http://www.j2solutions.net/mondopres.pdf

“The evolution of FLOSS and the Internet are tightly coupled”
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Contact

"Changes are never easy to make. There is comfort and safety in tradition, but change must come, no matter how painful or expensive it may be."

Bill Hewlett

Thanks

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