Samba, compartiendo archivos e impresoras con MS Windows

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Introducción

- Concepto.
- SMB (Server Message Block).
- Ports a otros Sistemas Operativos.









Compilación del kernel

- MSDOS fs support.
- VFAT (Windows 95) fs support.
- SMB file system support.
- CIFS support.









Lanzar Samba

- Daemon smbd.
- Daemon nmbd.
- /etc/init.d/smb start | stop | restart | status
- /etc/init.d/nmb start | stop | restart | status
- Lanzamiento de Samba desde YaST.





Seguridad

- Cuentas de usuario en GNU/Linux.
- Conexión autentificada.
- Conexión no autentificada.
- smbpasswd...









La utilidad smbpasswd

- El fichero /etc/samba/smbpasswd
- El parámetro encrypt passwords.
- smbpasswd –a <usuario>
- smbpasswd <usuario>





Conexión de una máquina cliente Windows

- Modificación de la sección [homes] del smb.conf
 - browseable = yes
 - comment = <texto>
 - directory = /home/%U









La utilidad swat

- Samba Web Administration Tool:
 - Activación del servicio swat (inetd) desde YaST.
 - Modificación de /etc/xinet.d/swat
 - http://<host>:901









Configuración de Samba

- El archivo /etc/samba/smb.conf
- Secciones global, homes y printers
- La utilidad testparms
- La utilidad smbstatus





Variables utilizables en el smb.conf

- %u
- %U
- %V
- %









Sección [global]

- workgroup = <grupo_trabajo>
- encrypt passwords = <yes> | <no>
- server string = <texto>
- netbios name = <nombre máquina>





Sección [homes]

- create mode = <máscara>
- browseable = yes
- comment = <texto>
- path = <ruta>









Optimización de Samba

Directorio /usr/share/doc/packages/samba









Compartiendo una unidad Windows con máquinas Linux

- La utilidad smbclient
- mount –t smb –o username=<usuario> <ruta>
- La utilidad smbumount









Compartiendo una impresora Windows con máquinas Linux

- Impresora correctamente instalada en MS Windows.
- Compartir la impresora desde MS Windows.
- Desde YaST, activar la impresión SMB.





Compartiendo una impresora Linux con máquinas Windows

- Impresora correctamente instalada en GNU/Linux.
- Sistema de impresión CUPS.
- Sección printers del /etc/samba/smb.conf
- Instalación del driver de impresión sobre MS Windows.





Fin









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