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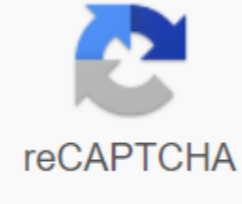**Continue**

Trinity rescue kit review

Trinity Rescue Kit is a program that aims to recover and repair operations on computers that have Windows as their operating system. However, it can also be used to troubleshoot on Linux. It has a simple interface consisting of a main menu that provides computer repair options such as scanning for presence scanning viruses and hard drive cleanup. To use one of the main features of the Trinity Rescue Kit, which is the ability to access the system, even if it is not running, you need to burn the downloaded files to a CD, through any recording program. This CD is a boot disk. This means that when your computer is in some kind of problem and the operating system isn't working, you can access it from that CD. Just insert the copied CD and restart the computer. Thus, it is possible to retrieve the information contained in the damaged system. Other tools available: 5 different anti-virus that can be updated via the Internet; WinClean, cleans unnecessary temporary files; Backup tool called pi; Run the Samba server and Ssh and download and restore files. Trinity Rescue Kit can be used on Windows XP/Vista/7 operating systems. Pre-installed open source laptops with free tails live boot options to hide your whereabouts. Preloaded with Ubuntu, Linux Mint, Manjaro or Kali Linux. UbuntuShop.eu • ManjaroComputer.eu Here is a summary of some of the main features, new and old: -easily reset Windows password with the improved winpass tool -simple and simple menu interface -5 different virusscan products integrated into a single unified command line with online update capability -full ntfs write support thanks to ntfs-3g -winclean, a tool that cleans up all sorts of unnecessary temporary files temporarily on your computer. clone computers over the network via multicast. -wide range of hardware support (kernel 2.6.35) -contributed backup utility called pi, to automate local machine backups -easy scripts to find and mount all local filesystems -self update ability to include and update all virus scanners + local changes you made to TRK. -full proxy server support. -running a samba fileserver (windows as filesharing) -running a ssh server -recovery and undeletion of files with tools and procedures -recovery of lost partitions -evacuation of dying disks -full read / write and rpm support -UTF-8 international characters support (select keyboard language from the scrollable text menu at startup) -2 rootkit detection utilities -most software updated to the latest versions -literally thousands of changes and bugfixes since version 3.3 - prepared documentation, including manpages for all commands (even TRK's own) I dare say it: this is the BEST TRK EVER! It is higly recommended you leave alone versions of TRK and download the latest 3.4, except for maybe some (fairly) older machines with limited resources. The idea behind Trinity Rescue Kit Back in 2001, I had this great bootable dose cd I created, packed with all the great tools for offline PC operations called The Vault. Unfortunately, Vault consisted for 90% of software you should pay for. So distributing it in a legal way was really no option and I'm not the guy who wants to spend his time maintaining something that's illegal anyway. So I brewed on the idea of creating a free bootable Linux CD that contains all available free tools that can help you somehow save your Windows installation. And eventually this is how far it has come now, with thousands of hours of work gone into it. All this for you, for free. Trinity Rescue Kit is based on binaries and scripts from several other distributions, such as Timo's Rescue CD, Mandriva 2005 and Fedora Core 3 and 4, as well as many original source packages and tools from other distros. Startup procedure and methods, multiple scripts and concepts are completely selfmade or at least heavily customized. Here's some testimonials from people who have used it before: Name: Cliff C. Subject: Trinity Rescue Kit – Thank You Message: Just wanted to say thank you for putting this Kit together. It literally saved us from weeks of rebuilding when our secretary box went down. With warm regards, Cliff Name: Barb N. Subject: Trinity Rescue Kit - Thank you Message: Thank you, Thank you, Thank you My son played around with his new laptop and created a password that he could not remember – You saved me a trip to town, quite far away and you have made me a Hero in my sons eyes. I can't thank you enough. I don't currently have a paypal account but I plan to set one up and show you my appreciation that way. You do great work – God Will Bless You to share your talent. From: Chris K. Subject: Trinity Rocks So many people may have already told you this disk has saved my butt. I manage the IT department for a small company which means that I do a lot of hands on work and administration and we have a high turnover rate. The people we work with are all independent agents who bring their own computers and many times the computer is in pretty sad shape and of course they don't know the admin password. Anyway, I've tried many different rescue discs and this by far has been the easiest and fastest and most effective yet. I've sent you a donation, not much, but what I can afford right now. My only comment, keep it small and fast. I'm not afraid of the command line, please don't cave to those who are. From: Bill Subject: Thanks for the TRK Hi Harakiri, I would like to sincerely thank you for the Trinity Rescue Kit. I think it is a very useful tool for Unfortunately, I cannot donate, donate, I'm a student and I don't have much money. Best Wishes Massimo From: Flabdablet Subject: TRK is my preferred Winbox imaging tool I mainly use TRK for imaging Windows boxes in the schools where I work. I think it suits me much, much better than custom solutions like Ghost and Trueimage. ... Many thanks to harakiri for making such excellent tools available. More testimonies are here. Contact the author. Op zoek naar een grote vakantiewoning in de Belgische Ardennen? Image not available forColor: Anyone who double boots, runs or manages a heterogeneous network with Windows and Linux workstations sometimes has to contend with offline or dead systems. Of course, the open source world has plenty of great tools to help get these boxes back on track, or at least restore valuable data. Trinity Rescue Kit (TRK) is a small yet powerful bootable Linux distribution that saves, repairs, resets passwords and clones dead Linux and Windows installations. Based on binaries from Mandriva 2005, the latest version, TRK 3.1, has been enhanced with heavily customized bootup scripts. TRK contains scripts that download updates from the Internet and rebuild ISO, so it's wise to burn 85.3MB of downloaded ISO to a rewriteable CD (CD-RW). Hardware and network detection When TRK boots display a graphical start menu with some options to control the start. You can make TRK run completely from memory, if you need to mount a CD to assist in the recovery process or to burn the rescued data. TRK can also look for scripts on a USB or floppy disk and run them, scan all detected drives for viruses, or configure themselves as an SSH server. You can combine several of these options, but you are better off doing it from the non-graphical boot screen, because the graphic does not print what you write. The rescue kit will detect network adapters and try to mount them using DHCP. TRK comes with kernel 2.6.14.3 with most standard options left on to support critical hardware, such as network adapters and disk controllers. I tried it on different machines, and the wired Ethernet card detection success rate was 100%. But it couldn't detect all the wireless hardware, such as the Broadcom adapter on the Acer laptop or linksys on the desktop, both of which lack native Linux drivers. However, it did pick up the PC Card wireless card with ease. TRK also supports USB network adapters. On my humble 1.3GHz Celeron laptop with 256MB of RAM, it took about 30 seconds for TRK to get me the shell. Rescue operations TRK's core is patched with fouts for NTFS support. The mountallfs script will detect and mount all NTFS partitions on the disk, giving you read access. The rescue package also supports Captive-NTFS drivers. Using mountallfs -c will mount NTFS partitions using these drivers to provide read and write access. However, due to legal restrictions, TRK cannot pack the pack required by Captive-NTFS. The captive-install-acquire utility will search for the required files on the hard disk, and if it cannot find them locally, it will download them from Microsoft web site. To avoid doing this over and over again, TRK runs this tool from within the updatetrk script. When this script is complete, it generates a new ISO image with the Captive files included. Another option for getting write access to NTFS partitions is to use the NTFS Hedging drivers. This does not require any Windows files and provides limited NTFS write access. This driver allows you to create only as many as 10 files or subdirectories per folder. Of course, TRK's update script does more than just get the files required by Captive. Among other things, it also retrieves the latest virus definitions for the built-in clamav scanner. ClamAV is a detect-only scanner that does not clean the files, so the script also downloads another virus scanner, F-Prot, along with its latest updates, which are not included in the original ISO again due to its restrictive distribution license. When downloaded, all of these are included in the new ISO image. The updatetrk script searched my hard drive for the essential ntoskrnl.exe and ntfs.sys files, and though it found them, it suggested I download 24MB of files. Apart from the latest versions of these two files, it also downloaded cdfs.sys ad fastfat.sys. When these were done, it continued on to F-Prot. While installing F-Prot signatures, it gave me an error saying disk full. It turns out that the F-Prot updater downloads their files to/where/tmp/, which is located on the root drive, which is an initial RAM disk of 32MB. To work around this issue, run these commands: rm -rf /var/tmp/ mkdir /dev/shm/vartmp ln -s /dev/shm/vartmp /var/tmp Now, running the script. This gives it access to the shared memory file system, which is at least half the size of your RAM. To scan the disks, use the virusscan script, which uses the ClamAV scanner by default. If it detects an Internet connection, it tries to get updates. This script also quarantines infected files, puts them in a directory on the drive where they were detected under / TRK-INFECTED/infected-.tar.gz, then deletes all infected files. If this method is too radical for you, download and use F-Prot with virusscan --f-prot, which can disinfect files non-destructively. Unfortunately, it cannot do so using the ntfs-fuse driver. If you need either scanner to get rid of or disinfect your infected NTFS-based files, you need to use captive-ntfs. Very clever however, the TRK virus detects using the read-only Linux NTFS driver, as it is much faster than the captive-ntfs and can record a log of infected files. It then using captive-ntfs, referring to the log file and rescans only infected files in disinfection mode. In case the box you save has a bad disk, try ntfsundelete to recover deleted files. For example, use ntfsundelete /dev/hda1 -s -m '*.xls to search for recovered Excel files under /dev/hda1. Make sure that the partition from which you want to restore files is not mounted. Another useful script is winpass; it resets all Windows administration and user passwords. The script searches for all Windows installations on the box and prints them with the partition they are under for easy recognition. You then select the installation whose password you want to reset, and the script sends control to another tool, chntpw, that prints information such as syskey status and then prompts you for a new password. You can choose to enter a new password, stick to the existing one or enter * without password. Another useful script is clonexp, which can duplicate a Windows partition on one computer to another on the network securely through SSH. Both boxes must be running TRK, with the receiving data starting with SSH enabled by Option 8 at the start screen. To ensure smooth sailing, make the target partition larger than the source partition. The script runs from the source partition and will ask you first for the partition that needs to be cloned, then the destination computer's IP address, followed by the destination partition. And, yes, there is QtParted for all your partition editing and resizing needs. TRK's kernel has been compiled with framebuffer support specifically for QtParted and links command line browser. Conclusion Trinity Rescue Kit is a great lightweight Linux live CD card for resuscitation a dying box. With a long development history and a developer who knows what he's doing, its various scripts make the job of using the tools easy for users of all experience levels. TRK's developers are working on a hard drive install option for the next version. While most of the tools that come with online documentation on their respective websites and scripts have good usage pages, TRK usage howto needs some attention and structure, and an offline copy should be distributed along with ISO, updateable by updatetrk. updatetrk.