

# Slackware Administrators Security Toolkit

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SAStk

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# 1 Where

## 1.1 Project Site

The project is hosted at  
<http://sourceforge.net/projects/sastk>  
<http://SAStk.sourceforge.net>  
<http://SAStk.org>

## 1.2 CVS site

The web browsable CVS tree is at  
<http://cvs.sourceforge.net/cgi-bin/viewcvs.cgi/sastk/SAStk/>

You may remember an FTP URL in the previous version. Sourceforge has changed their policy on that so it's no longer there.

## 2 Overview

### 2.1 SASStk – Slackware Administrators Security tool kit

The SASStk scripts will run through and ask about all of the services and daemons you wish to disable or enable. It will put your box in a reasonably secure state in the fact that you will be presented with info about all services and can disable all of them.

We added support for other security aspects such as password aging and similar configuration for the machine.

There are included scripts that are the replacements for the normal Slackware `/etc/rc.d/*` files. The files use `/etc/rc.d/rc.conf` to make it easier to see what will run on any runlevel in terms of daemons.

New to this version: Dialog UI and seccheck. Dialog is a color UI that Slackware users should be familiar with since the install uses it.

Seccheck is a port of SuSE's security script.

1. Provide better documentation on services running.
2. Provide an easy to use and fast method of system administration
3. Help secure the box and educate the sysadmin at the same time

## 3 Install

### 3.1 SAStk install

Please see "NOTES" before installing.

Note: You will change to single user mode to perform the installation. While not strictly necessary, we do recommend rebooting the system after the installation and configuration is completed. There was a problem in the past with a variable being set and causing a bit of a problem. It has been fixed now and should not cause problems.

#### 3.1.1 Installing from Slackware .tgz package

1. Login as or `su -` to root
2. `installpkg SAStk.tgz`  
This will install the scripts into `/root/SAStk/` and set the correct permissions for the files to be installed.
3. `cd /root/SAStk/src/`
4. Begin the installation with:  
`./install.sh`  
This will install the scripts to the correct locations and then will prompt you for the configuration and hardening process.

#### 3.1.2 Installation from source .tar.gz file

1. Login as or `su -` to root.
2. `cp SAStk.tar.gz /root/`
3. Extract using: `tar -zxvpf SAStk.tar.gz`  
This will create a `/root/SAStk/` directory.
4. `cd /root/SAStk/src`
5. `chmod -R 0700 *`
6. `./install.sh`

#### 3.1.3 Removing SAStk - source tarball

If you want to remove SAStk from your system you must keep both the `/root/SAStk/` files and the `/var/log/sastk` files intact.

1. Login as or `su -` to root.
2. `cd /root/SAStk/src/`
3. `./sastk_undo.sh`  
This will ask you to boot into single user mode to complete the uninstall.  
It will return your system configuration to the way it was before you installed SAStk.
4. After switching to multiuser mode, you may remove `/var/log/sastk/` and `/root/SAStk/` directories.

### 3.1.4 Removing SAStk as a slackware package:

If you want to remove SAStk from your system you must keep both the `/root/SAStk/` files and the `/var/log/sastk` files intact.

1. Login as or `su -` to root.
2. `cd /root/SAStk/src/`
3. `./sastk_undo.sh`

After switching to multiuser mode, you can remove the files by:

4. `removepkg SAStk.tgz`

## 4 FAQ

1. Why redo slackware's initialization scripts?  
Because while it works, it could be better. We think that a setup with `/etc/rc.d/rc.conf` is a faster and cleaner method. The object is to educate the user and to make it faster and easier for a new sysadmin.
2. Where's the source?  
The source code is available on the CVS server in CVS tree, tarball, and slackware package formats.
3. Can I get a slackware (.tgz) package?  
Yes, it will now be one of the primary packages since the FTP is gone.
4. Where can I find help with SAStk?  
Try the mailing list at <http://www.sourceforge.net/projects/sastk>
5. How do I add new scripts to my installation?  
There is a HOWTO on this at <http://sastk.org>
6. What license is this under?  
The Slackware rc.d scripts are under Patrick's BSD-ish license. The rest is GPL'd.

## 5 Manifest

```
COPYING
CREDITS
FAQ
HELP.CVS
INSTALL
MANIFEST
NEWS
NOTES
README
ROADMAP
Slackware_init.license
checksum.md5
pkgmake.sh

docs/
    TODO.rc
    makedocs.sh
    sastk.dvi
    sastk.html
    sastk.info
    sastk.pdf
    sastk.ps
    sastk.texi
    sastk_logo.jpg
    sastk_logo_1.jpg

src
    filelist
    fileperm
    install.sh
    sastk.sh
    sastk_undo.sh

etc/
    rc.d/
        rc.4
        rc.6
        rc.K
        rc.M
        rc.S
        rc.atalk
        rc.cdrom
        rc.conf
        rc.font
        rc.httpd
        rc.inet1
```

```
rc.inet2
rc.keymap
rc.modules
rc.nfsd
rc.news
rc.pcmcia
rc.samba
rc.serial
rc.sshd
rc.sysvinit

sbin/
    netconfig.color

scripts/
    dialogs/
        check_hosts_allow.sh
        check_hosts_deny.sh
        check_hosts_sshd.sh
        check_issue_net.sh
        check_suauth.sh
        clear_bash_logout.sh
        configure_network.sh
        disable_ctrl_alt_del.sh
        disable_inetd.sh
        disable_logins_to_system_accounts.sh
        lilo_password.sh
        network_restrictions_rc_local.sh
        no_spoof_host_conf.sh
        password_aging.sh
        remote_x_logins.sh
        secure_ftpusers.sh
        secure_tmp.sh
        sendmail_goaway_option.sh
        sendmail_remote_connections.sh
        tighten_etc_login_defs.sh
        tighten_file_perms.sh
        tighten_home_partition.sh
        umask_etc_cshlogin.sh
        umask_etc_profile.sh
        user_restrictions_etc_profile.sh

    dialogs-daemons/
        apmd_enable.sh
        begin.sh
        bind_enable_root.sh
        bind_enable_user.sh
        dhcp_enable.sh
```

```
ethernet_enable.sh
hwclock_enable.sh
inetd_enable.sh
ipv4_forwarding_enable.sh
isa_pnp_enable.sh
klogd_enable.sh
loopback_enable.sh
lpd_enable.sh
mounting_nfs_enable.sh
nfs_bwnfsd_enable.sh
nfs_exports_enable.sh
nfs_lockd_enable.sh
nfs_mountd_enable.sh
nfs_nfsd_enable.sh
nfs_pcnfsd_enable.sh
nfs_rquotad_enable.sh
nfs_statd_enable.sh
nis_domainname_enable.sh
nis_master_enable.sh
nis_yplib_enable.sh
nis_ypxfrd_enable.sh
quotas_enable.sh
rc_atalk_enable.sh
rc_cdrom_enable.sh
rc_font_enable.sh
rc_gpm_enable.sh
rc_httpd_enable.sh
rc_ibcs2_enable.sh
rc_keymap_enable.sh
rc_local_enable.sh
rc_modules_enable.sh
rc_netdevice_enable.sh
rc_network_enable.sh
rc_news_enable.sh
rc_nfsd_enable.sh
rc_pcmcia_enable.sh
rc_samba_enable.sh
rc_serial_enable.sh
rc_sshd_enable.sh
rc_sysvinit_enable.sh
routed_enable.sh
rp_filter_enable.sh
rpc_portmap_enable.sh
rwhod_enable.sh
screen_saver_enable.sh
sendmail_enable.sh
session_manager_enable.sh
static_ip_enable.sh
syslogd_enable.sh
```

```
unknown_service_enable.sh

scripts-admin/
    check_exit_runlevel.sh
    check_md5.sh
    check_root.sh
    check_version.sh
    cleanup_temps.sh
    exit_message.sh
    init_setup.sh
    initial_screen.sh
    setup_default_paths.sh
    setup_sastk.sh
    setup_some_defaults.sh
    start_work.sh
    update_md5.sh
    welcome_message.sh

scripts-answers/
    README

scripts-orig/
    README

scripts-sastk
    check_hosts_allow.sh
    check_hosts_deny.sh
    check_hosts_sshd.sh
    check_issue_net.sh
    check_suauth.sh
    clear_bash_logout.sh
    configure_crontab.sh
    configure_network.sh
    disable_ctrl_alt_del.sh
    disable_daemons.sh
    disable_inetd.sh
    disable_logins_to_system_accounts.sh
    install_seccheck.sh
    lilo_password.sh
    network_restrictions_rc_local.sh
    no_spoof_host_conf.sh
    password_aging.sh
    remote_x_logins.sh
    secure_ftputers.sh
    secure_tmp.sh
    sendmail_goaway_option.sh
    sendmail_remote_connections.sh
    tighten_etc_login_defs.sh
    tighten_file_perms.sh
```

```
tighten_home_partition.sh
umask_etc_cshlogin.sh
umask_etc_profile.sh
user_restrictions_etc_profile.sh

seccheck
CHANGES
CHANGES.SuSE
IGNORE
INSTALL
LICENSE
README
TODO
checkneverlogin
crontab.install
security-control.sh
security-daily.sh
security-monthly.sh
security-weekly.sh
```

## 6 Credits

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