

SELinux Policy Editor Install Guide(for Ver 2.0))

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This document shows how to install SELinux Policy Editor.

1 Install from RPMs

You can easily install from RPM

- (1) Install required package
You need checkpolicy package.

```
# yum install checkpolicy
```

And it is highly recommended to install audit package, and enable auditd.

```
#yum install audit
#chkconfig auditd on
#/etc/init.d/auditd start
```

- (2) Obtain files
Download seedit-converter-2.0.x.rpm and seedit-policy-2.0.x-(your distro).rpm
From below URL.

```
http://sourceforge.net/project/showfiles.php?group\_id=135756
```

If you use Fedora Core 5, download seedit-converter-2.0.x-FC5.rpm and seedit-policy-2.0.x-FC5.rpm.

GUI is optionally available. The filename is seedit-gui-2.0.x.noarch.rpm.

- (3) Install rpms Install rpm and restart by following commands.

```
$ su
# rpm -ivh seedit-*.rpm
# reboot
```

- (4) Initialization
When system restarts, some relabeling process run. It takes some minutes.
When you log in, initialize policy and reboot again by following command.

```
# seedit-load
# reboot
```

- (5) That's it!
You can make sure seedit is installed by following command.

```
# sestatus
SELinux status:                enabled
Current mode:                  permissive
Mode from config file:         permissive
...
Policy from config file:       seedit
```

Note that simplified policy is installed as *permissive* mode. In *permissive* mode, SELinux is not protecting your system. It is only a test mode. To be a enforcing mode, see ??.

To make sure seedit is installed, go to section 3.

1.1 What's affected?

In this installation process , /etc/selinux/config is changed like below.

```
SELINUX=permissive
SELINUXTYPE=seedit
```

Our system does not interfere with other existing system components except that.

1.2 qUninstall

If you want to uninstall. Do following.

```
# rpm -e seedit-policy seedit-converter
# reboot
```

You system will restart as SELinux targeted policy(Fedora Core5 default) and permissive mode(SELinux is effectively disabled).

2 Installing from source

- (1) Obtain files

Download seedit-converter-1.4.x.tgz and seedit-policy-1.4.x.tgz From below URL.

http://sourceforge.net/project/showfiles.php?group_id=135756

- (2) Build and install

```
# tar czvf seedit-*.tgz
# cd seedit-converter
# make install
# cd ..
# cd seedit-policy
# make install
# touch /.autorelabel
# reboot
```

Next is the same as 1 (4).

Figure 1: SELinux Policy Editor Control Panel



- (3) uninstall
You can go back to Fedora Core5 default by following.
Modify `/etc/selinux/config` like below.

```
SELINUXTYPE=seedit  
-->  
SELINUXTYPE=targeted
```

And

```
#touch /.autorelabel  
#reboot
```

3 Make sure seedit is installed

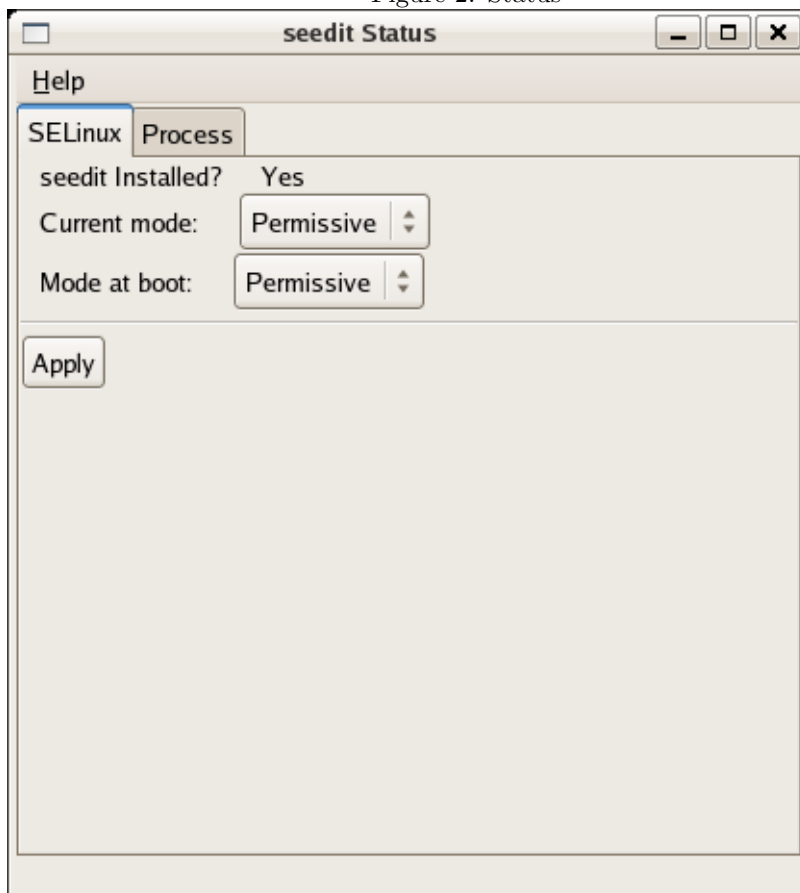
If you are using X Window System, from Gnome menu, . Choose Desktop → Manage → SELinux Policy Editor. You will see window like 1

Then select *Status*, you will see 2. If it shows *seedit installed: yes*, installation is success!.

From command line, if result of `sestatus` shows following, installation is successful.

```
# sestatus  
SELinux status:          enabled
```

Figure 2: Status



```
SELinuxfs mount:           /selinux
Current mode:              permissive
Mode from config file:    permissive
...
Policy from config file:   seedit
```

Next, see SELinux Policy Editor Administration Guide.