

RE: ssh configuration problem

Source: http://www.derkeiler.com/Mailing-Lists/securityfocus/Secure_Shell/2003-07/0103.html

From: Dan Taylor (dtaylor_at_securify.com)

Date: 07/23/03

To: <seureshell@securityfocus.com>

Date: Wed, 23 Jul 2003 12:01:40 -0400

I would recommend that you go through dmesg to find the problem with why it's not starting.

```
# dmesg > /tmp/a
```

```
# vi /tmp/a
```

```
inside of vi ->  
/ssh
```

and see what message you are getting.

Your config file seemingly looks fine, make sure the directory /usr/local/etc/ exists.

I would also recommend setting Protocol to 1,2 instead of 2, this will let you connect with older client versions.

Set strictmodes to no. A few people will disagree with this, but it means less administration on your part dealing with end users. Instead, set up a root cron job that will run the find command from /home/ up and chmod all .ssh directories to the right permissions, something like 700.

Hope this helps.

Dan

-----Original Message-----

From: mehul choubé [mailto:mrc_sshdis@rediffmail.com]

Sent: Wednesday, July 23, 2003 5:29 AM

To: seureshell@securityfocus.com

Subject: ssh configuration problem

i am having linux box with RedHat 7.2 OS. i downloaded openssh-3.6p1 source, compiled it and installed it. then i changed the sshd_config file after this when i tried to restart the sshd service it fails

SecurityFocus Secure Shell: RE: ssh configuration problem

when
starting sshd service.

waiting for reply.

mehul.

the contents of the sshd_config files are as follows :-

```
# $OpenBSD: sshd_config,v 1.59 2002/09/25 11:17:16 markus Exp $
```

```
# This is the sshd server system-wide configuration file. See  
# sshd_config(5) for more information.
```

```
# This sshd was compiled with  
PATH=/usr/bin:/bin:/usr/sbin:/sbin:/usr/local/bin
```

```
# The strategy used for options in the default sshd_config shipped  
with  
# OpenSSH is to specify options with their default value where  
# possible, but leave them commented. Uncommented options change  
a  
# default value.
```

```
Port 22  
#Protocol 2,1  
Protocol 2  
#ListenAddress 0.0.0.0  
#ListenAddress ::
```

```
# HostKey for protocol version 1  
#HostKey /usr/local/etc/ssh_host_key  
# HostKeys for protocol version 2  
HostKey /usr/local/etc/ssh_host_rsa_key  
HostKey /usr/local/etc/ssh_host_dsa_key
```

```
# Lifetime and size of ephemeral version 1 server key  
KeyRegenerationInterval 3600  
ServerKeyBits 768
```

```
# Logging  
#obsoletes QuietMode and FascistLogging  
SyslogFacility AUTH  
LogLevel INFO
```

```
# Authentication:
```

```
LoginGraceTime 120  
PermitRootLogin no  
StrictModes yes
```

RE: ssh configuration problem

SecurityFocus Secure Shell: RE: ssh configuration problem

```
RSAAuthentication yes
PubkeyAuthentication yes
AuthorizedKeysFile .ssh/authorized_keys

# rhosts authentication should not be used
RhostsAuthentication no
# Don't read the user's ~/.rhosts and ~/.shosts files
#IgnoreRhosts yes
# For this to work you will also need host keys in
/usr/local/etc/ssh_known_hosts
#RhostsRSAAuthentication no
# similar for protocol version 2
#HostbasedAuthentication no
# Change to yes if you don't trust ~/.ssh/known_hosts for
# RhostsRSAAuthentication and HostbasedAuthentication
#IgnoreUserKnownHosts no

# To disable tunneled clear text passwords, change to no here!
PasswordAuthentication no
#PermitEmptyPasswords no

# Change to no to disable s/key passwords
ChallengeResponseAuthentication yes

# Kerberos options
#KerberosAuthentication no
#KerberosOrLocalPasswd yes
#KerberosTicketCleanup yes

#AFSTokenPassing no

# Kerberos TGT Passing only works with the AFS kserver
#KerberosTgtPassing no

# Set this to 'yes' to enable PAM keyboard-interactive
authentication
# Warning: enabling this may bypass the setting of
'PasswordAuthentication'
#PAMAuthenticationViaKbdInt no

#X11Forwarding no
#X11DisplayOffset 10
#X11UseLocalhost yes
#PrintMotd yes
#PrintLastLog yes
#KeepAlive yes
#UseLogin no
#UsePrivilegeSeparation yes
#PermitUserEnvironment no
Compression yes
```

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SecurityFocus Secure Shell: RE: ssh configuration problem

```
#MaxStartups 10
# no default banner path
#Banner /some/path
#VerifyReverseMapping no

# override default of no subsystems
Subsystem sftp /usr/local/libexec/sftp-server
```

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