

Re: configuring pam for openssh

Source: http://www.derkeiler.com/Mailing-Lists/securityfocus/Secure_Shell/2003-02/0121.html

From: Greg Norris (haphazard@kc.rr.com)

Date: 02/22/03

Date: Sat, 22 Feb 2003 09:06:03 -0600
From: Greg Norris <haphazard@kc.rr.com>
To: secureshell@securityfocus.com

It looks like I included the wrong version of /etc/pam/ssh by mistake. Specifically, the pam_deny.so entry should **not** have been present... sorry for any confusion.

On Fri, Feb 21, 2003 at 10:12:15PM -0600, Greg Norris wrote:

> *I occasionally have a need to connect to my home machine (Debian Linux,
> openssh 3.5p1-4) from untrusted systems, so I'm trying to configure
> openssh to use one-time passwords via libpam-opie. I started by
> commenting out the auth entry for pam_unix.so in /etc/pam.d/ssh, and
> adding one for pam_opie.so in it's place. So far so good... the
> keyboard-interactive method seems to work with opie, and it doesn't
> fall back normal password authentication.*
>
> *During the course of testing, I noticed that the change had broken the
> built-in password authentication ("PasswordAuthentication yes" in
> sshd_config). Can anyone explain why this occurs? My (obviously
> flawed ;-) understanding was that openssh only uses the pam auth
> modules for keyboard-interactive. I've gone through the pam
> documentation and done some googling, but the answer remains elusive...*
>
> *This isn't a huge problem, as I'm most likely going to disable password
> authentication anyway. But I'd really like to understand what's
> occurring.*
>
> *Thanx!*
>
> ----- </etc/pam.d/ssh> -----
> *auth required pam_nologin.so
> auth required pam_env.so # [1]
> auth required pam_opie.so
> #auth required pam_unix.so
> auth required pam_deny.so*
>
> *account required pam_unix.so*
>
> *session required pam_unix.so*

SecurityFocus Secure Shell: Re: configuring pam for openssh

```
> session optional pam_motd.so # [1]
> session optional pam_mail.so standard noenv # [1]
> session required pam_limits.so
>
> password required pam_unix.so obscure min=8 md5
> ----- <end /etc/pam.d/ssh> -----
```