

configuring pam for openssh

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

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From: Greg Norris <haphazard@kc.rr.com>
To: secureshell@securityfocus.com

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  
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
```

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----- <end /etc/pam.d/ssh> -----