

Re: hostbased auth between commercial and OpenSSH

Source: <http://www.derkeiler.com/Newsgroups/comp.security.ssh/2002-12/0267.html>

From: Erin Michaud (erin.michaud@tufts.edu)

Date: 12/20/02

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Date: Fri, 20 Dec 2002 13:35:10 GMT

Sorry, not a very information filled orig. question – I was feeling a little brain dead!

The server just rejects hostbased from OpenSSH client saying method is disabled, I feel I'm really close and just missing something simple, but I can't figure out what:

Client side (OpenSSH) debug snippet (I've got hostbased as only preferred method in users .ssh/config file):

debug1: authentications that can continue: hostbased,publickey,password

debug3: start over, passed a different list hostbased,publickey,password

debug3: preferred hostbased

debug3: authmethod_lookup hostbased

debug3: remaining preferred:

debug3: authmethod_is_enabled hostbased

debug1: next auth method to try is hostbased

debug2: userauth_hostbased: chost myclienthost

debug2: we sent a hostbased packet, wait for reply

Received disconnect from myserverhost: 12: Authentication method disabled.

debug1: Calling cleanup 0x20002ef0(0x0)

Server side (commercial SSH) debug snippet:

debug: Becoming server.

debug: Creating listener

debug: Listener created

debug: Running event loop

debug: ssh_server_wrap: creating transport protocol

debug: ssh_server_wrap: creating userauth protocol

debug: new_connection_callback returning

debug: Remote version: SSH-2.0-OpenSSH_3.4p1

debug: ssh_sigchld_real_callback

debug: ssh_sigchld_process_pid: no handler for pid 152072 code 0

debug: Exiting event loop

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Serverside syslog output:

Dec 20 08:06:35 myserverhost sshd2[30332]: hostbased-authentication (rhosts) refused: client user 'myusername', server user 'myusername', client host 'myclienthost'.

Dec 20 08:06:35 myserverhost sshd2[30332]: Remote host disconnected: Authentication method disabled. (user 'myusername', client address 'myclienthost:33406', requested service 'ssh-connection')

Dec 20 08:06:35 myserverhost sshd2[30332]: User authentication failed: 'Authentication method disabled. (user 'myusername', client address 'myclienthost:33406', requested service 'ssh-connection')

Server sshd2_config file:

Port 22

```
ListenAddress 0.0.0.0
Ciphers AnyStd
IdentityFile identification
AuthorizationFile authorization
HostKeyFile hostkey
PublicHostKeyFile hostkey.pub
RandomSeedFile random_seed
ForwardAgent yes
ForwardX11 yes
PasswordGuesses 3
MaxConnections 50
PermitRootLogin no
AllowedAuthentications hostbased,publickey,password
ForcePTTYAllocation no
VerboseMode no
PrintMotd yes
CheckMail yes
UserConfigDirectory "%D/.ssh2"
SyslogFacility DAEMON
Ssh1Compatibility yes
Sshd1Path /usr/local/ssh2/sshd1
AllowSHosts myclienthost
RequireReverseMapping yes {note: tried setting this
no as well, same result)
UserKnownHosts yes
Subsystem sftp /usr/local/ssh2/sftp-server
```

Server side user files:

~/.shosts perms are 600 contents= myclienthost myusername
~/.ssh2/authorization perms are 600 contents=Key myclienthost.id_dsa.pub
and myclienthost.id_dsa.pub (this is the user-generated pub. key from
myclienthost, not host key) is in this directory and myclienthost's
host key has been accepted as a known host.

I think I just need a pair of good eyes to see whatever silly thing I'm
missing that is keeping this from working.....

Re: hostbased auth between commercial and OpenSSH

Erin

"Richard E. Silverman" wrote:

>

> >>>>> "EM" == Erin Michaud <erin.michaud@tufts.edu> writes:

>

> EM> Has anyone been able to get hostbased auth working between a

> EM> commercial-verion ssh server and an OpenSSH client using .shosts?

>

> Yes; what's the problem?

>

> --

> Richard Silverman

> slade@shore.net