

## "Preferred cipher order" is empty

Posted by chrise - 2009/06/16 15:57

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I now receive this error when attempting to connect to some hosts via SSH1. It doesn't happen on all of them though.:

"All the encryption algorithms that this program and the server both understand have been disabled. To communicate with this server, you will have to enable some more ciphers in the Options->Properties->Connection->SSH dialog box. This connection will now close"

I've opened the Properties and gone into the SSH1 tab and the encryption button but the "preferred cipher order" list is empty. I've reinstalled Absolute Telnet 7.21 but no change. The target hosts are Cisco PIX 501 devices running version 6.3(5). I was able to connect to these hosts in the past so what did I screw up?

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## Re:"Preferred cipher order" is empty

Posted by bpence - 2009/06/17 10:20

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Go to the options->properties->connection->ssh2 tab and press the 'encryption' button. Check to see if the 'fips mode' checkbox is selected. If it is, deselect it. SSH1 encryption algorithms are not allowed in FIPS mode and are all disabled.

If the 'fips mode' checkbox is greyed out, this means that when you installed, you chose the 'enforced' fips mode which means that SSH1 is not allowed at all. To disable FIPS, you'll have to re-install and choose one of the install options that allows FIPS mode to be optional, then re-visit the encryption tab and de-select fips mode.

Version 7 uses a FIPS certified cryptography module, which makes AbsoluteTelnet/SSH compliant with FIPS regulations for governmental and military uses. By running in FIPS mode, only cryptography functionality that is supported by the validated crypto module can be used. This ensures you that you're using cryptography algorithms of the highest quality and independently validated by a certification lab and approved by the NIST. Unfortunately, the SSH1 components are not validated and cannot be used in FIPS mode.

Hope this helps!

Brian

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## Re:"Preferred cipher order" is empty

Posted by chrise - 2009/06/17 10:27

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Thanks Brian, that did it!

Kris

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