

PeteNetLive - KB0000064 - Cisco PIX (500 Series) Password Recovery

Cisco [PIX](#) (500 Series) Password Recovery

Problem

If you are locked out of your PIX firewall then you will need to do some password recovery, this procedure

Note : If you have a PIX 520 ([Click Here](#) as a floppy drive, and the process is different)

Solution

Before You Start !

1. You need to know the software version that is running on the PIX e.g 6.3(5) or 7.0(1)
2. You need a TFTP server set up and running.
3. You need to be connected to the PIX via its console cable.
4. You need to download [PIX Password Look Up Utility](#) that is appropriate for your PIX i.e. [HERE](#) Put the

Procedure

1. Connect to the Firewall via console cable, then power cycle the firewall, as the firewall reboots press

```
monitor>
```

2. Now the firewall has no config loaded, so you need to tell it everything it needs to know, firstly we n

```
monitor> interface 1
0: i8255X @ PCI(bus:0 dev:17 irq:9 )
1: i8255X @ PCI(bus:0 dev:18 irq:10)
```

```
Using 1: i82557 @ PCI(bus:0 dev:18 irq:10), MAC: 0012.daf1.5185
monitor>
```

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3. You need to tell it what its inside IP address is, use the address command.

```
monitor> address 192.168.1.1
address 192.168.1.1
```

4. Now you need to give it the IP address of the TFTP server you set up ealier, use the server comm

```
monitor> server 192.168.1.2
server 192.168.1.2
```

5. The last thing the PIX needs is the name of the password unlock file for this example I'll use np63

```
monitor> file np63.bin
file np63.bin
```

6. To start the process, issue the tftp command.

```
monitor> tftp
tftp np63.bin@192.168.1.2.....
.....
.....
Received 92160 bytes
```

```
Cisco Secure PIX Firewall password tool (3.0) #0: Thu Jul 17 08:01:09 PDT 2003
Flash=E28F640J3 @ 0x3000000
BIOS Flash=E28F640J3 @ 0xD8000
```

7. Confirm by pressing y then {enter}.

```
Do you wish to erase the passwords? [yn]
```

8. Confirm by pressing y then {enter} again.

```
Do you want to remove the commands listed above from the configuration? [yn] y
Passwords and aaa commands have been erased.
```

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Rebooting.. ..

9. The Firewall will reboot and the passwords will be blanked.

Type help or '?' for a list of available commands.

Firewall> en

Password:

firewall#

References - Credits - Or External Links

[Factory Reset a Cisco Firewall](#)

[Setup a Cisco PIX with the PDM](#)