

Re: Opening ports in Shorewall in order to run an America's Army server

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Debian/2007-02/msg03656.html>

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- *From:* Jan St pieD <[jan@xxxxxxxxxxxxxxxx](mailto:jan@xxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 23 Feb 2007 12:16:12 +0100
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On 23 Lut, 11:10, Liam O'Toole <[liam.p.oto...@xxxxxxxx](mailto:liam.p.oto...@xxxxxxxx)> wrote:

On Thu, 22 Feb 2007 23:30:10 +0100

Jan St pieD <[j...@xxxxxxxxxxxxxxxx](mailto:j...@xxxxxxxxxxxxxxxx)> wrote:

Liam wrote:

Are you sure that the server is listening on the ports you think it's listening on? What's the output of the command 'netstat -uta'? And if it is, are there any application-level restrictions? It might only be accepting connections from certain source IP addresses.

I've run the AA server and afterwards grepped the output of the command you've suggested. Here are the interesting ports:

```
udp 0 0 *:1716 *.*
```

```
udp 1648 0 [isp url address]:1717 *.*
```

```
udp 0 0 *:14200 *.*
```

Maybe instead of my URL address provided by my ISP there should be an IP?

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[...]

No, just that's a feature of the output of telnet. You can tell telnet to output numeric addresses instead by adding the '-n' option.

Anyway, the output tells you that that you have processes listening on ports 1716 and 14200 (all interfaces) and port 1717 (external interface only). All of the above use UDP, so telnet won't be able to connect to them. You mentioned running nmap also ... did you do so with the '-sU' option?

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Liam

Not at the moment of writing that message, but after adding -sU the results are:

```
# nmap -v -sU [isp url]
```

```
Starting Nmap 4.20 ( http://insecure.org ) at 2007-02-23 12:12 CET
Initiating Parallel DNS resolution of 1 host. at 12:12
Completed Parallel DNS resolution of 1 host. at 12:12, 0.05s elapsed
Initiating UDP Scan at 12:12
Scanning [isp url] ([ip address]) [1488 ports]
Completed UDP Scan at 12:13, 36.81s elapsed (1488 total ports)
Host [isp url] ([ip address]) appears to be up ... good.
All 1488 scanned ports on [isp url] ([ip address]) are open|filtered
```

```
Nmap finished: 1 IP address (1 host up) scanned in 37.132 seconds
Raw packets sent: 2978 (83.396KB) | Rcvd: 1 (46B)
```

Best regards,  
Jan St pieD

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