

Re: [fw-wiz] ECHO Protocol

Source: <http://www.derkeiler.com/Mailing-Lists/Firewall-Wizards/2008-07/msg00008.html>

- *From:* Tim Donahue <tdonahue@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 02 Jul 2008 10:08:49 -0400
-

Quoting peng liu <cleverpigboy@xxxxxxxx>:

OK. This is the tricky part since ICMP is built basd on IP protocol and it works on thesame layer as TCP/UDP. Then why my local services file contains:

```
echo 7/tcp  
echo 7/udp
```

This is the echo daemon, see <http://www.faqs.org/rfcs/rfc862.html> for details.

So the echo here is different than the Echo, Echo-reply protocol we are talking here?

The ping command uses ICMP in Windows. Yes, I know that there are alternate "ping" programs that will allow you to use TCP, UDP or possibly anything that programmer could think of, but the traditional ping uses ICMP. Two of the ICMP types are referred to as echo and echo reply, which are the ICMP types used for ping. See the ICMP RFC (<http://www.faqs.org/rfcs/rfc792.html>) for more detailed information.

On 6/30/08, Keith A. Glass <salgak@xxxxxxxxxxxxxxxx> wrote:

Echo is a specific member of the ICMP family of protocols. But not the ONLY member. . .

Ping is typically Echo and Echo-reply.

Hope that clears it up

Re: [fw-wiz] ECHO Protocol

Keith

Security Geek * Curmudgeon at Large * Short on Sleep

On Thu Jun 26 6:00 , "peng liu" sent:

>All,

>

>I am checking the ICMP protocol these days and some documents say that Ping command in Windows uses ICMP protocol, while others say that Ping uses

ECHO protocol, which is through TCP port 7.

>

>So my question is which protocol is actually used by PING command in Windows?

>

>Pengy

—
Tim Donahue

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