

Re: "authenticated tftp"

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-07/1549.html>

From: Maxim Konovalov (maxim_at_macomnet.ru)

Date: 07/25/03

Date: Fri, 25 Jul 2003 21:53:44 +0400 (MSD)

To: Robert Watson <rwatson@freebsd.org>

On Fri, 25 Jul 2003, 13:22-0400, Robert Watson wrote:

>
> *Yeah, seems like an oxy-moron, but this is a legitimate question, I*
> *promise. My linksys wireless router requires me to disable the admin*
> *password on it to tftp a firmware update to it--however, the Windows tftp*
> *client that Linksys ships appear to support some form of "Oh yeah, and*
> *here's a password". It probably really doesn't make a difference*
> *security-wise, but it would be a lot more convenient to update wireless*
> *routers if our tftp client spoke whatever extension they use to carry the*
> *password. Does anyone know anything about that protocol extension, or if*
> *there are existing tweaks to add it to our tftp? (I saw nothing in the*
> *man page). If there's a pointer to the on-the-write bits, I can always*
> *stick it in myself, but I have yet to find one.*

There are several tftp extension that NetBSD folk integrated to their tftpd/tftp recently. IIRC they were

2347 TFTP Option Extension. G. Malkin, A. Harkin. May 1998. (Format:

2348 TFTP Blocksize Option. G. Malkin, A. Harkin. May 1998. (Format:

2349 TFTP Timeout Interval and Transfer Size Options. G. Malkin, A.

I know nothing about auth extension yet but the protocol is quite simple (trivial :-)) and if you get a dump of udp session between the router and windows tftp client it would be easy incorporate this one.

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