

[TOOL] Weplan – WEP Testing Lab

Source: <http://www.derkeiler.com/Mailing-Lists/Securiteam/2004-06/0022.html>

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Date: 06/08/04

To: list@securiteam.com

Date: 8 Jun 2004 14:14:18 +0200

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Weplan – WEP Testing Lab

SUMMARY

DETAILS

Weplab is a tool that helps you review the security of WEP encryption in wireless networks from an educational point of view. Several attacks are available allowing you to measure the effectiveness and minimum requirements of each one. The following features are available in this first alpha version.

- Capture unique IV WEP encrypted packets from the wireless LAN interface.
- Brute force 64 bits or 128 bits keys
- ASCII brute force 64 bits or 128 bits keys
- Full weak keys attack (FMS) to both first and second bytes for 64 bits or 128 bits keys.

In the first tests the brute force reached 100,000 c/s on a P4 1.8Ghz. The FMS attack gives positive results from 1,000,000 captured packets (normal, not necessarily weak). The 128 bits key being tested was recovered with 1M packets, in 20 minutes.

ADDITIONAL INFORMATION

Securiteam: [TOOL] Weplan – WEP Testing Lab

The information has been provided by
<mailto:topolb@users.sourceforge.net> Jose Ignacio Sanchez.
The tool can be downloaded from:
<<http://www.sourceforge.net/projects/weplab>>
<http://www.sourceforge.net/projects/weplab>

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