Third-party open source software and libraries used by Npcap

The Npcap packet capturing/sending library uses several 3rd party open source software libraries. All are open source with BSD-style licenses that allow for royalty-free redistribution within other software (including commercial/proprietary software). Some include a warranty disclaimer (relating to the original authors) and require a small amount of acknowledgment text be added to the documentation of any software which includes them (including indirectly through Npcap). An example of such text is in the "THIRD PARTY SOFTWARE ATTRIBUTION" section of the Npcap free/demo license.

Please note that all Npcap support, warranties and indemnification that we (Insecure.Com LLC) offer include these 3rd party libraries along with all other Npcap code. The warranty disclaimers in their license text just mean that the original library authors and maintainers aren't responsible for that support.

This document covers **Npcap version 0.9997**. Licensees or potential licensees who want this information for a different Nmap release should contact sales@nmap.com.

Libpcap Raw Packet Capture Library

Description: Libpcap is a popular reference implementation of the pcap packet capturing API. It is produced by The Tcpdump Group and supports Linux and Mac OS X systems (among others). Npcap implements this API for Microsoft Windows by combining the high-level open source libpcap API code with our own custom Windows driver that implements the low-level network operations. Our wpcap.dll library file is mostly Libpcap code. We occasionally make our own fixes and changes to the libpcap code, but we have a great relationship with The Tcpdump Group and try to submit all of our changes to them for incorporation in future libpcap releases.

Software URL: http://www.tcpdump.org/

Version used: 1.91

License Summary: Modified BSD license (3-clause) – allows free redistribution as long as you include a short attribution statement and warranty disclaimer somewhere in your documentation.

License Text Location: Libpcap-License.txt

WinPcap Windows Packet Library

Description: Winpcap is an earlier (now abandoned) open source implementation of the pcap API for Windows. The last Winpcap release was made in March 2013. We created Npcap by starting with that abandoned code and updating it to support modern Windows NDIS API's and fixing well-known bugs and security issues. While Npcap has diverged substantially over the years, it still contains a substantial amount of original Winpcap code, so the Winpcap license must be followed. is used by Nmap on Windows for raw packet reading during host discovery, port scanning, and OS detection. It is a derivative of LibPcap, so that license (see Libpcap section) must be followed as well. It is only needed and used on Windows.

Software URL: https://www.winpcap.org/

Version used: 4.1.3

License Summary: Modified BSD license (3-clause) – allows free redistribution as long as you include attribution statement and warranty disclaimer somewhere in your documentation. The fourth clause, which relates to attribution in advertising materials has been officially removed and revoked by the University of California, Berkeley:
https://ipira.berkeley.edu/sites/default/files/shared/docs/Advertising_clause_removed_from_BSD_license.pdf

License Text Location: https://github.com/nmap/npcap/blob/master/WinPcap-License-And-Acknowledgements.txt

The **ieee80211_radiotap.h** Heder File

Description: This is just a short header file defining data structures for the IEEE 802.11 radio capture header

Software URL: http://web.mit.edu/~mkgray/afs/bar/afs/sipb.mit.edu/project/freebsd/head/contrib/wpa/src/utils/radiotap.h

Version used: There is not a specific version number, but it says "Copyright (c) 2003, 2004 David Young"

License Summary: Modified BSD license (3-clause) – allows free redistribution as long as you include a short attribution statement and warranty disclaimer somewhere in your documentation.

License Text Location: It is a comment starting with "Copyright (c) 2003, 2004 David Young" in the ieee80211_radiotap.h file itself.