

Wireless Security Live CD Distributions

Raul Siles (Nov'07)

<http://www.raulsiles.com/resources/wifi.html>

SANS SEC617 CD	
Author	SANS (Joshua Wright)
URL	SANS Security 617: "Assessing and Securing Wireless Networks" http://www.sans.org/training/description.php?mid=3
Version	20071024
Size	570 MB
Base OS	Backtrack v2
Goal	Wireless security, auditing, and penetration testing
Wireless drivers	See "Backtrack v2"
Wireless tools	See "Backtrack v2" + "Backtrack 2 Final Customization Notes.pdf" (inside CD)

Backtrack v2	
Author	remote-exploit.org (Max Mosser et. al.)
URL	http://www.remote-exploit.org/backtrack.html
Version	20071024
Size	700 MB
Base OS	Slax (Merge of Whax and Auditor Security Collection)
Goal	Linux live distribution focused on penetration testing
Wireless drivers	http://backtrack.offensive-security.com/index.php?title=HCL:Wireless http://backtrack.offensive-security.com/index.php?title=Changelog#Wireless_Attacks_.40_their_best
Wireless tools	http://backtrack.offensive-security.com/index.php?title=Tools#Radio_Network_Analysis

Wifiway	
Author	www.seguridadwireless.net
URL	http://www.wifiway.org
Version	0.8
Size	420 MB
Base OS	www.linuxfromscratch.org
Goal	Wireless with international language support
Wireless drivers	http://www.wifiway.org/contenido.html http://www.wifiway.org/contenido/drivers.html
Wireless tools	http://www.wifiway.org/contenido/aplicaciones.html

WiFiSlax (Spanish)	
Author	www.seguridadwireless.net
URL	http://www.wifislax.com
Version	3.1
Size	680 MB
Base OS	Backtrack v2
Goal	Wireless security auditing (Spanish)
Wireless drivers	http://www.wifislax.com/contenido/drivers.php
Wireless tools	http://www.wifislax.com/contenido/aplicaciones.php

Russix	
Author	Russ Williams, Steve Armstrong
URL	http://www.russix.com
Version	-
Size	210 MB
Base OS	Slax (version 5 based upon the Linux 2.6 kernel)
Goal	An up-to-date Wireless Security Assessment Toolkit - ie it gets more frequent updates to tools than Backtrack
Wireless drivers	Atheros
Wireless tools	AircrackNG (PTW), Cowpatty, ASleep, Evil Tiny Twin (based upon aircrack), Kismet, nmap, wireshark, and WEP/WPA breaking scripts

SkyRidr	
Author	Nico Darrow
URL	http://www.skyridr.net/skyridr_0-9.iso
Version	0.9
Size	676 MB
Base OS	Debian base OS, basically Auditor with some scripts
Goal	Automate & script a lot of common wireless hacks in a simple to use menu system: hotspot phishing, wep cracking, DoS, port knocking rogue, custom frame creation, etc
Wireless drivers	Skyridr script only supports the madwifi drivers so an Atheros card is required
Wireless tools	Updated aircrack suite and some custom scapy code

Additionally, there is a small bootable CD (13MB), based on FreeBSD, focused on the 802.11 WEP fragmentation attack. It provides support for Atheros cards and includes aircrack, stumbler, and wesside. It is available at <http://darkircop.org/security/bootable.iso>.