



FIRMWARE ANALYSIS AND COMPARISON TOOL

Firmware Analysis of Linksys E900 v. 1.0.09.002

HID	Linksys E900 v. 1.0.09.002
Device Name	E900
Vendor	Linksys
Device Class	Routers
Version	1.0.09.002
Release Date	1970-01-01
Size	7.39 MiB (7,746,560 Byte)

Unpacker (v. 0.7)

Plugin	generic_carver
Extracted	2
Output:	
DECIMAL HEXADECIMAL DESCRIPTION	
<hr/>	
0 0x0 BIN-Header, board ID: E900, hardware version: 4702, firmware version: 1.0.0, build date: 2018-08-08	
32 0x20 TRX firmware header, little endian, image size: 7745536 bytes, CRC32: 0x756770AD, flags: 0x0, version: 1, header size: 28 bytes, loader offset: 0x1C, linux kernel offset: 0x14FDFC, rootfs offset: 0x0	
60 0x3C gzip compressed data, maximum compression, has original filename: "piggy", from Unix, last modified: 2018-08-08 05:28:28	
1375772 0x14FE1C Squashfs filesystem, little endian, non-standard signature, version 3.0, size: 6365444 bytes, 1718 inodes, blocksize: 65536 bytes, created: 2018-08-08 05:33:15	
Entropy	0.89

File Type (v. 1.0)

File Type	data
MIME	application/octet-stream
Containing Files	application/CDFV2 (2) application/gzip (1) application/octet-stream (3) application/x-executable (67) application/x-object (27) application/x-sharedlib (116) filesystem/squashfs (1) image/gif (42) image/jpeg (8) image/png (17) image/x-icon (1) inode/symlink (7) text/plain (990)

Binwalk (v. 0.5.2)

Signature Analysis:

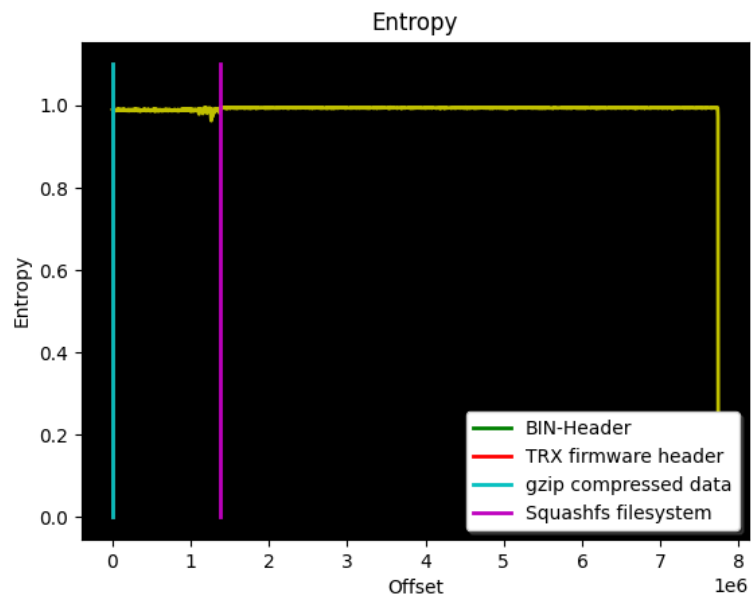
DECIMAL HEXADECIMAL DESCRIPTION

0 0x0 BIN-Header, board ID: E900, hardware version: 4702, firmware version: 1.0.0, build date: 2018-08-08

32 0x20 TRX firmware header, little endian, image size: 7745536 bytes, CRC32: 0x756770AD, flags: 0x0, version: 1, header size: 28 bytes, loader offset: 0x1C, linux kernel offset: 0x14FDFC, rootfs offset: 0x0

60 0x3C gzip compressed data, maximum compression, has original file name: "piggy", from Unix, last modified: 2018-08-08 05:28:28

1375772 0x14FE1C Squashfs filesystem, little endian, non-standard signature, version 3.0, size: 6365444 bytes, 1718 inodes, blocksize: 65536 bytes, created: 2018-08-08 05:33:15



Entropy Graph

Summary:

Base64 standard index table

Boot section Start 0x14 End 0x10000

Boot section Start 0x17 End 0x10000

Boot section Start 0x2A End 0x0

CRC32 polynomial table

Copyright string: "Copyright (C) 1998-2001 Angus Mackay."

Copyright string: "Copyright (C) 2008 Matthew Strait"

Copyright string: "Copyright (C) 2008 Matthew Strait; See ../LICENSE"
Copyright string: "Copyright (C) 2009
Copyright string: "Copyright (C) 2009 Matthew Strait; See ../LICENSE"
Copyright string: "Copyright (C) Paul Johnston 1999 - 2000. * Updated by Greg Holt 2000 - 2001.
* See <http://pajhome.org.uk/site/legal.html> for det"
Copyright string: "Copyright (C) Paul Johnston 1999 - 2002."
Copyright string: "Copyright (c) 1989 The Regents of the University of California."
Copyright string: "Copyright (c) 1990
Copyright string: "Copyright (c) 2000-2017 Simon Kelley"
Copyright string: "Copyright (c) 2001-3 Shane Hyde and others"
Copyright string: "Copyright (c) 2009 John Resig"
Copyright string: "Copyright 1988
Copyright string: "Copyright 1996-1999
Copyright string: "Copyright 1996-2001
Copyright string: "Copyright 1996-2001 Kunihiro Ishiguro."
Copyright string: "Copyright 2002 Roaring Penguin Software Inc."
Copyright string: "Copyright 2003
Copyright string: "Copyright 2004-2010 Internet Systems Consortium."
Copyright string: "Copyright 2007 Tzolkin Corporation"
Copyright string: "Copyright 2009
Copyright string: "copyright information."
Copyright string: "copyright.asp"); %>"
Copyright string: "copyright.bind"
Copyright string: "copyright{font-size:11px; text-align:right;}"
ELF
Executable script
GIF image data 14716 x 24873
HTML document footer
HTML document header
JPEG image data
Linux kernel version 2.6.22
Neighborly text
OpenSSL encryption
PEM RSA private key
PEM certificate
Private key in DER format (PKCS header length: 4
SHA256 hash constants
Squashfs filesystem
Ubiquiti firmware header
Unix path: /dev/gpio/control
Unix path: /dev/gpio/in
Unix path: /etc/config/resolv.conf
Unix path: /etc/iproute2/ematch_map
Unix path: /etc/iproute2/rt_dsfield
Unix path: /etc/iproute2/rt_realms
Unix path: /etc/l7-protocols/name.pat
Unix path: /etc/udev/udev.conf
Unix path: /home/hhm/work/E900_0828/E900_v1.0.06.002/src/bcmcrypto/bn.c

```

Unix path: /home/hhm/work/E900_0828/E900_v1.0.06.002/src/bcmcrypto/random.c
Unix path: /home/hhm/work/E900_0828/E900_v1.0.06.002/src/router/nas/nas_wksp.c
Unix path: /home/hhm/work/E900_0828/E900_v1.0.06.002/src/router/nas/nas_wksp_radius.c
Unix path: /home/hhm/work/E900_0828/E900_v1.0.06.002/src/wps/brcm_apps/linux/wps_linux_main.c
Unix path: /sys/kernel/uevent_seqnum
Unix path: /sys/net/ipv4/ip_dynaddr
Unix path: /sys/net/ipv4/ip_forward
Unix path: /usr/bin/brcm53115_util arl write 0 333300000001 1 1 0 0 286
Unix path: /usr/gnemul/riscos/
Unix path: /usr/lib//ip/link_%s.so
Unix path: /usr/lib//tc/
Unix path: /usr/lib/iptables
Unix path: /usr/lib/libc.so.1
Unix path: /usr/lib/pppd/2.4.4
Unix path: /usr/local/etc/bpalogin.conf
Unix path: /usr/local/lib/iptables
Unix path: /usr/local/sbin
Unix path: /usr/local/ssl"
Unix path: /usr/local/ssl/lib
Unix path: /usr/local/ssl/lib/engines
Unix path: /usr/local/ssl/private
Unix path: /usr/local/zebra/etc/Zebra.conf
Unix path: /usr/local/zebra/etc/ripd.conf
Unix path: /usr/local/zebra/etc/ripngd.conf
Unix path: /usr/local/zebra/etc/zebra.conf
Unix path: /usr/sbin/arp
Unix path: /usr/sbin/check_http.sh &
Unix path: /usr/sbin/dhclient -6 -dec -sf %s -lf %s -pf %s %s
Unix path: /usr/sbin/dhclient -nw -cf %s -sf %s -lf %s -pf %s -bm %s %s &
Unix path: /usr/sbin/dhclient -r %s -cf %s -sf %s -lf %s -pf %s %s
Unix path: /usr/sbin/dhcpd
Unix path: /usr/sbin/httpd
Unix path: /usr/sbin/ip
Unix path: /usr/sbin/ip -6 del %s/%s
Unix path: /usr/sbin/ip -6 route
Unix path: /usr/sbin/ip -6 route add %s/%s dev %s
Unix path: /usr/sbin/ip -6 route add default via ::%s dev 6rd metric 1
Unix path: /usr/sbin/ip -6 route del %s/%d dev %s
Unix path: /usr/sbin/ip -6 route del %s/%s
Unix path: /usr/sbin/ip -6 route del default
Unix path: /usr/sbin/ip -6 route flush table 200
Unix path: /usr/sbin/ip -6 route show default
Unix path: /usr/sbin/ip -6 tunnel add %s mode ipip6 remote %s local %s dev %s
Unix path: /usr/sbin/ip -f inet6 addr flush %s scope global
Unix path: /usr/sbin/ip tunnel add %s mode sit ttl 64 remote any local %s
Unix path: /usr/sbin/ip tunnel del %s
Unix path: /usr/sbin/l2tp-control "start-session %s"
Unix path: /usr/sbin/lld2d %s

```

Unix path: /usr/sbin/nvram set action_service=commit
Unix path: /usr/sbin/nvram set action_service=wsc_pushbutton
Unix path: /usr/sbin/ping6 -s %s -O %s %s %s &
Unix path: /usr/sbin/sendmail
Unix path: /usr/sbin/traceroute -l -O %s -T 2 %s &
Unix path: /usr/sbin/tzoupdate-1.11 -t tzo-echo
Unix path: /usr/sbin/wcnpars
Unix path: /usr/share/magic
Unix path: /var/db/dhcpd6.leases
Unix path: /var/lib/cvsroot/E3000/src/router/dhcp/dst/dst_support.c
Unix path: /var/lib/cvsroot/E3000/src/router/dhcp/dst/hmac_link.c
Unix path: /var/lib/misc/dnsmasq.leases
Unix path: /var/lock/ntpclient
Unix path: /var/log/mess
Unix path: /var/log/mess"
Unix path: /var/log/radvd.log
Unix path: /var/run/dhclient.pid
Unix path: /var/run/dhcp6c-wan.pid
Unix path: /var/run/dhpc-wan.pid
Unix path: /var/run/dhcpd.pid
Unix path: /var/run/dhcpd6.pid
Unix path: /var/run/httpd.pid
Unix path: /var/run/l2tpctrl
Unix path: /var/run/mDNSResponder.pid
Unix path: /var/run/nlinkd.pid
Unix path: /var/run/pptp/%s
Unix path: /var/run/pptp/%s:%i
Unix path: /var/run/radvd.pid
Unix path: /var/run/ripd.pid
Unix path: /var/run/ripngd.pid
Unix path: /var/run/syslogd.pid
Unix path: /var/run/utmp
Unix path: /var/run/wm-httpd.pid
Unix path: /var/run/zebra.pid
XML document
bzip2 compressed data
eCos RTOS string reference: "ecos"
eCos RTOS string reference: "ecos";"
gzip compressed data
mrcrypt 2.2 encrypted data
TRX firmware header
BIN-Header

IPs and URIs (v. 0.4.2)

IPs v4	list is empty
IPs v6	['::1b', "] ['::f6', "]
URIs	list is empty
Summary:	
0.0.0.0	
0.0.7.6	
0.1.0.16	
0.1.1.0	
0.2.3.149	
0:0:0:0:0:0:0	
1.0.0.18	
1.1.1.0	
1.1.1.1	
1.14.14.1	
1.2.0.18	
1.2.3.4	
10.0.0.0	
10.0.0.1	
10.112.112.112	
10.64.64.64	
118.214.227.190	
127.0.0.0	
127.0.0.2	
127.0.0.3	
172.16.0.254	
192.168.1.1	
192.168.1.2	
192.168.33.0	
192.88.99.1	
193.85.217.35	
195.7.77.17	
198.133.219.193	
2.3.4.1	
2001:10::	
2001:db8::	
2001:db8:ff4e:11::8	
2001:db8:ff4e:4::4	
202.176.208.143	
204.10.192.10	
204.10.192.8	
209.46.39.47	
220.130.117.214	
224.0.0.0	
224.0.0.251	

240.0.0.0
3.4.5.6
3.4.5.7
3000::1
35.0.0.0
3ffe:506::
3ffe:506::1
3ffe::
5.100.138.11
5.110.27.0
6.0.9.0
66.114.168.182
66.161.11.11
66.161.11.6
66.35.253.184
80.55.238.74
::1b
::dead:beed
::dead:beef
::f6
BBB8::
FEC0::
FF02::1
FF02::1:2
FF02::2
FF05::1:3
fe80::
fe80::0
fec0::
fec0::1
ff00::
ff02::1
ff02::2
ff02::9
ff08::
<http://172.16.0.254/>
<http://192.168.1.1/wepKeysB.htm>
<http://255.255.255.255>
<http://Linksys.tzo.com>
<http://aresgalaxy.sf.net>
<http://blizzard.com/>
<http://checkip.dyndns.org>
<http://chikka.com>
<http://cisco.com/HNAPExt/HotSpot/>
<http://citrix.com>
<http://cvs.berlios.de/cgi-bin/viewcvs.cgi/gift-fasttrack/giFT-FastTrack/PROTOCOL>
<http://developer.apple.com/quicktime/icefloe/dispatch028.html>
<http://docs.freebsd.org/44doc/smm/12.timed/paper.pdf>

http://docs.freebsd.org/info/uucp/uucp.info.The_Initial_Handshake.html
<http://docs.jquery.com/License>
http://download.macromedia.com/pub/flash/flash_file_format_specification.pdf
<http://echo.tzo.com>
<http://edonkey2000.com>
<http://en.wikipedia.org/w/index.php>
<http://en.wikipedia.org/wiki/SNMP>
<http://en.wikipedia.org/wiki/Shareaza>
<http://ethereal.com/faq.html>
<http://etherx.jabber.org/streams>
<http://files.zeroconf.org/draft-ietf-zeroconf-zmaap-02.txt>
<http://forums.radiotoolbox.com/viewtopic.php>
<http://freenetproject.org>
<http://ftp.svbug.com/ftp/pub/manuals/pdf/smm.22.timed.pdf>
<http://gd.tuwien.ac.at/opsys/linux/sf/p/pdonkey/eDonkey-protocol-0.6>
<http://gkrellm.net>
<http://goteamspeak.com>
<http://gridley.res.carleton.edu/>
<http://guildwars.com>
<http://homepage.ntlworld.com/bobosola>
<http://imesh.com>
<http://jabber.org>
<http://jquery.com/>
<http://l7-filter.sourceforge.net/>
<http://linksys.com/HNAPExt/HotSpot/>
<http://lists.sourceforge.net/lists/listinfo/l7-filter-developers>
<http://live365.com>
<http://msdn.microsoft.com/library/default.asp>
<http://msnpiki.msnfanatic.com/>
<http://msnpiki.msnfanatic.com/index.php/MSNC:MSNSLP>
<http://mute-net.sourceforge.net>
<http://netfilter.org>
<http://ns.adobe.com/xap/1.0/>
<http://ns.adobe.com/xap/1.0/mm/>
<http://ns.adobe.com/xap/1.0/sType/ResourceRef>
<http://oofle.com/filesharing.php>
<http://opennap.sourceforge.net/napster.txt>
<http://osflash.org/flv>
<http://pajhome.org.uk/crypt/md5>
<http://pajhome.org.uk/site/legal.html>
<http://poco.cn>
<http://pp365.com>
<http://pplive.com>
<http://prdownloads.sf.net/l7-filter/>
<http://pressplay.com>
<http://protocolinfo.org/wiki/Armagetron>
<http://protocolinfo.org/wiki/Audiogalaxy>
http://protocolinfo.org/wiki/Battlefield_2

http://protocolinfo.org/wiki/Battlefield_2142
<http://protocolinfo.org/wiki/FTP>
<http://protocolinfo.org/wiki/HTTP>
<http://protocolinfo.org/wiki/Tor>
<http://protocolinfo.org/wiki/iMesh>
<http://purenetworks.com/HNAP1/>
<http://replaytv.com>
<http://rfc-gnutella.sf.net/>
http://sander.vanzoest.com/talks/2002/audio_and_apache/
<http://schemas.microsoft.com/office/2004/12/omml>
<http://schemas.microsoft.com/windows/2008/09/devicefoundation>
<http://schemas.microsoft.com/windows/pnpx/2005/11>
<http://schemas.xmlsoap.org/soap/encoding/>
<http://schemas.xmlsoap.org/soap/envelope/>
<http://sizzlejs.com/>
<http://skype.com>
<http://skype.com/>
<http://slsknet.org>
http://snowman.net/projects/ipt_recent/
<http://sourceforge.net/mailarchive/message.php>
<http://sourceforge.net/tracker/index.php>
<http://sscentral.com>
<http://thecircle.org.au>
<http://tor.eff.org>
<http://us.trendmicro.com/us/partners/consumer/linksys/index.html>
<http://ventrilo.com>
<http://w3.org>
<http://www>
<http://www.100bao.com>
<http://www.10jqka.com.cn>
<http://www.applejuicenet.de>
<http://www.bittorrent.com>
<http://www.broadcom.com>
<http://www.chinaunix.net/jh/4/914377.html>
<http://www.cybertan.com.tw>
<http://www.dcpp.net/wiki/>
<http://www.digitalpreservation.gov/formats/fdd/fdd000130.shtml>
<http://www.domain.dom/ca-crl.pem>
<http://www.dynamicdrive.com>
<http://www.dynamicdrive.com/>
<http://www.dynamicdrive.com/dynamicindex8/dhtmlwindow/>
<http://www.dyndns.org>
<http://www.freesoft.org/CIE/Topics/126.htm>
<http://www.freshdevices.com>
<http://www.gamers.org/dEngine/quake/QDP/qnp.html>
<http://www.gnutella2.com/tiki-index.php>
<http://www.gw.com.cn>
http://www.hypothetic.org/docs/msn/client/file_transfer.php

<http://www.hypothetic.org/docs/msn/index.php>
<http://www.iana.org/assignments/arp-parameters>
<http://www.iana.org/assignments/protocol-numbers>
<http://www.iana.org/assignments/socks-methods>
<http://www.iana.org/cctld/cctld-whois.htm>
<http://www.icann.org/tlds>
<http://www.icecast.org>
<http://www.ietf.org/internet-drafts/draft-ietf-secsh-transport-22.txt>
<http://www.ietf.org/rfc/rfc1006.txt>
<http://www.kugoo.com>
<http://www.linksys.com>
<http://www.linksys.com/>
<http://www.linksys.com/support/E900>
<http://www.linksysbycisco.com>
<http://www.loria.fr/>
<http://www.movspclr.co.uk/info/agprotocol.html>
<http://www.msu.edu/>
<http://www.neo-modus.com>
<http://www.openssl.org/support/faq.html>
<http://www.protocolinfo.org/wiki/100Bao>
<http://www.protocolinfo.org/wiki/AIM>
<http://www.protocolinfo.org/wiki/AppleJuice>
<http://www.protocolinfo.org/wiki/Ares>
<http://www.protocolinfo.org/wiki/Audiogalaxy>
<http://www.protocolinfo.org/wiki/BGP>
http://www.protocolinfo.org/wiki/Battlefield_1942
http://www.protocolinfo.org/wiki/Battlefield_2
<http://www.protocolinfo.org/wiki/Biff>
<http://www.protocolinfo.org/wiki/Bittorrent>
<http://www.protocolinfo.org/wiki/CIMD>
<http://www.protocolinfo.org/wiki/CVS>
<http://www.protocolinfo.org/wiki/Chikka>
http://www.protocolinfo.org/wiki/Cisco_VPN
<http://www.protocolinfo.org/wiki/Citrix>
<http://www.protocolinfo.org/wiki/CodeRed>
<http://www.protocolinfo.org/wiki/Counter-Strike>
<http://www.protocolinfo.org/wiki/DHCP>
<http://www.protocolinfo.org/wiki/DNS>
http://www.protocolinfo.org/wiki/Day_of_Defeat
http://www.protocolinfo.org/wiki/Day_of_Defeat:Source
<http://www.protocolinfo.org/wiki/Dazhahui>
http://www.protocolinfo.org/wiki/Direct_Connect
<http://www.protocolinfo.org/wiki/Doom>
<http://www.protocolinfo.org/wiki/EDonkey>
<http://www.protocolinfo.org/wiki/Fasttrack>
<http://www.protocolinfo.org/wiki/Finger>
<http://www.protocolinfo.org/wiki/Freenet>
<http://www.protocolinfo.org/wiki/Gkrellm>

<http://www.protocolinfo.org/wiki/GnucleusLAN>
<http://www.protocolinfo.org/wiki/Gnutella>
<http://www.protocolinfo.org/wiki/GoBoogy>
<http://www.protocolinfo.org/wiki/Gopher>
http://www.protocolinfo.org/wiki/Guild_Wars
<http://www.protocolinfo.org/wiki/H.323>
<http://www.protocolinfo.org/wiki/HDDtemp>
<http://www.protocolinfo.org/wiki/HTTP>
<http://www.protocolinfo.org/wiki/Half-Life>
<http://www.protocolinfo.org/wiki/Hotline>
<http://www.protocolinfo.org/wiki/IMAP>
<http://www.protocolinfo.org/wiki/IPP>
<http://www.protocolinfo.org/wiki/IRC>
<http://www.protocolinfo.org/wiki/Icecast>
<http://www.protocolinfo.org/wiki/Ident>
<http://www.protocolinfo.org/wiki/Jabber>
<http://www.protocolinfo.org/wiki/KuGoo>
<http://www.protocolinfo.org/wiki/LPD>
<http://www.protocolinfo.org/wiki/Live365>
http://www.protocolinfo.org/wiki/Live_For_Speed
http://www.protocolinfo.org/wiki/MSN_Messenger
<http://www.protocolinfo.org/wiki/MUTE>
http://www.protocolinfo.org/wiki/Medal_of_Honor_Allied_Assault
<http://www.protocolinfo.org/wiki/NBNS>
<http://www.protocolinfo.org/wiki/NCP>
<http://www.protocolinfo.org/wiki/NNTP>
<http://www.protocolinfo.org/wiki/NTP>
<http://www.protocolinfo.org/wiki/Napster>
<http://www.protocolinfo.org/wiki/NetBIOS>
<http://www.protocolinfo.org/wiki/Nimda>
<http://www.protocolinfo.org/wiki/OpenFT>
<http://www.protocolinfo.org/wiki/POP>
<http://www.protocolinfo.org/wiki/PPLive>
<http://www.protocolinfo.org/wiki/PcAnywhere>
<http://www.protocolinfo.org/wiki/Poco>
<http://www.protocolinfo.org/wiki/Pressplay>
<http://www.protocolinfo.org/wiki/QQ>
<http://www.protocolinfo.org/wiki/Quake>
<http://www.protocolinfo.org/wiki/RDP>
<http://www.protocolinfo.org/wiki/RTP>
<http://www.protocolinfo.org/wiki/RTSP>
<http://www.protocolinfo.org/wiki/Radmin>
<http://www.protocolinfo.org/wiki/ReplayTV>
<http://www.protocolinfo.org/wiki/Rlogin>
http://www.protocolinfo.org/wiki/Runes_of_Magic
<http://www.protocolinfo.org/wiki/SIP>
<http://www.protocolinfo.org/wiki/SMB>
<http://www.protocolinfo.org/wiki/SMTP>

<http://www.protocolinfo.org/wiki/SNMP>
<http://www.protocolinfo.org/wiki/SOCKS>
<http://www.protocolinfo.org/wiki/SSDP>
<http://www.protocolinfo.org/wiki/SSH>
<http://www.protocolinfo.org/wiki/SSL>
<http://www.protocolinfo.org/wiki/STUN>
<http://www.protocolinfo.org/wiki/Skype>
<http://www.protocolinfo.org/wiki/Soribada>
<http://www.protocolinfo.org/wiki/Soulseek>
<http://www.protocolinfo.org/wiki/Subspace>
<http://www.protocolinfo.org/wiki/Subversion>
<http://www.protocolinfo.org/wiki/TFTP>
<http://www.protocolinfo.org/wiki/TSP>
<http://www.protocolinfo.org/wiki/TeamSpeak>
http://www.protocolinfo.org/wiki/Team_Fortress
<http://www.protocolinfo.org/wiki/Telnet>
<http://www.protocolinfo.org/wiki/Tesla>
http://www.protocolinfo.org/wiki/The_Circle
<http://www.protocolinfo.org/wiki/Tonghuashun>
<http://www.protocolinfo.org/wiki/UUCP>
<http://www.protocolinfo.org/wiki/VNC>
<http://www.protocolinfo.org/wiki/Ventrilo>
<http://www.protocolinfo.org/wiki/Whois>
http://www.protocolinfo.org/wiki/World_of_Warcraft
<http://www.protocolinfo.org/wiki/X11>
http://www.protocolinfo.org/wiki/XBox_Live
<http://www.protocolinfo.org/wiki/Xunlei>
http://www.protocolinfo.org/wiki/Yahoo_Messenger
<http://www.protocolinfo.org/wiki/ZMAAP>
<http://www.qq.com>
<http://www.realvnc.com/documentation.html>
<http://www.roaringpenguin.com/>
<http://www.rtsp.org>
<http://www.rtsp.org/>
<http://www.runesofmagic.com>
<http://www.soribada.com>
<http://www.speedbit.com>
<http://www.tux.org/lkml/>
<http://www.tzo.com>
<http://www.ubiqx.org/cifs/SMB.html>
<http://www.unixwiz.net/tools/pcascan.txt>
http://www.upnp.org/download/draft_cai_ssdv_v1_03.txt
<http://www.valvesoftware.com>
<http://www.venkydude.com/articles/yahoo.htm>
<http://www.w3.org/1999/02/22-rdf-syntax-ns>
<http://www.w3.org/2000/xmlns/>
<http://www.w3.org/2001/XMLSchema>
<http://www.w3.org/2001/XMLSchema-instance>

<http://www.w3.org/TR/REC-html40>
<http://www.w3.org/XML/1998/namespace>
<http://xunlei.com>
<http://yahoo.com>
<https://controlpanel.tzo.com>
<https://www.isc.org/software/dhcp/>
<https://www.tzo.com/cgi-bin/Orders.cgi>

Software Components (v. 0.4.1)

Time of Analysis	2020-05-20 14:11:16
Plugin Version	0.4.1
Summary	BusyBox 1.7.2 Dnsmasq 2.78 GNU Zebra 0.92a Linux Kernel 2.6.22 OpenSSL OpenSSL 1.0.1j Point-to-Point Protocol daemon 2.4.4 SSLeay 0.8.1 radvd 1.8.1 udhcp 0.9.87

Crypto Hints (v. 0.1)

Time of Analysis	2020-05-20 14:11:21
Plugin Version	0.1
Summary	BASE64_table BLOWFISH_Constants Big_Numbers0 Big_Numbers1 Big_Numbers2 Big_Numbers3 CRC32_poly_Constant CRC32_table CRC32c_poly_Constant DES_Long Rijndael_AES SHA512_Constants WHIRLPOOL_Constants

Users And Passwords (v. 0.4.4)

Time of Analysis	2020-05-20 14:11:22
Plugin Version	0.4.4
Summary	root

Crypto Material (v. 0.5.2)

Time of Analysis	2020-05-20 14:11:22
Plugin Version	0.5.2
Summary	Pkcs8PrivateKey SSLCertificate SshRsaPrivateKeyBlock

String Stats (v. 0.3.4)

String Count	15843
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Source Code Analysis (v. 0.4)

Time of Analysis	2020-05-20 14:11:24
Plugin Version	0.4
Summary	Warnings in javascript script Warnings in shell script

Input Vectors (v. 0.1.1)

Time of Analysis	2020-05-20 14:11:24
Plugin Version	0.1.1
Summary	environment file ipc kernel network random shell signal stdin time

Init Systems (v. 0.4.1)

Time of Analysis	2020-05-20 14:11:24
Plugin Version	0.4.1

Elf Analysis (v. 0.3)

Time of Analysis	2020-05-20 14:11:25
Plugin Version	0.3
Summary	dynamic_entries exported_functions header imported_functions libraries sections segments symbols_version

Cve Lookup (v. 0.0.4)

Time of Analysis	2020-05-20 14:11:25
Plugin Version	0.0.4
Summary	BusyBox 1.7.2 (CRITICAL) Dnsmasq 2.78 GNU Zebra 0.92a Linux Kernel 2.6.22 OpenSSL 1.0.1j (CRITICAL) Point-to-Point Protocol daemon 2.4.4 (CRITICAL) SSLeay 0.8.1

File System Metadata (v. 0.1)

Time of Analysis	2020-05-20 14:11:25
Plugin Version	0.1

Exploit Mitigation (v. 0.1.2)

NX	NX enabled (210)
Canary	Canary disabled (210)
PIE	PIE - invalid ELF file (27) PIE disabled (67) PIE enabled (116)
RELRO	RELRO disabled (207) RELRO fully enabled (3)

Cpu Architecture (v. 0.3.2)

Time of Analysis	2020-05-20 14:11:26
Plugin Version	0.3.2
Summary	MIPS, 32-bit, little endian (M)

String Eval Stats (v. 0.2.1)

String Count	15843
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Qemu Exec (v. 0.5.1)

Time of Analysis	2020-05-20 14:11:35
Plugin Version	0.5.1
Summary	executable

Hashes (v. 1.1)

md5	b064e43f98a0780b50504125b48047c1
ripemd160	e2c6cafb3d746553b13fd9eceb8c1221f79b7f33
sha1	189f72aa336155b1188044f2f32c07ba203ee74f
sha256	852031776c09f8152c90496f2c3fac85b46a938d20612d7fc03eea8aab46f23e
sha512	b87fd944ecab6dd3718706e484e7a4e9d9ed444f42799bea36ab8d1104637 088526bf75ca51b4bfed8adeaaf75b6999e6a355e3bacf39ac8df878c5fcd5c484c

Known Vulnerabilities (v. 0.2)

Time of Analysis	2020-05-20 14:11:40
Plugin Version	0.2

Tlsh (v. 0.1)

Time of Analysis	2020-05-20 14:11:42
Plugin Version	0.1

Cwe Checker (v. 0.4.0)

Time of Analysis	2020-05-20 14:11:43
Plugin Version	0.4.0
Summary	CWE243 CWE332 CWE457 CWE676 CWE782