Firmware Security Assessment Summary

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May 21, 2020

refirm labs

Linksys   E900   1.0.09

Filename FW_E900_1.0.09.002_US_20180808.bin
MD5 Sum b064e43f98a0780b50504125b48047c1
Operating System Linux kernel version 2.6.22
Scanned May 20, 2020

Firmware Image

7.4M	31M	1624	1
FILE SIZE	EXTRACTED SIZE	FILES	ROOT FILESYSTEMS

CVE Detection

77	4
OPEN SOURCE VULNERABILITIES	FILES AFFECTED

Critical/High	22
Medium	51
Low	4
Unassigned	0

CVE Severity Distribution

1	openssl	10
2	busybox	7
3	pppd	3
4	radvd	2

Top Critical/High Components

Software Maturity

84	747	51
HIGH RISK EXECUTABLES	TOTAL FLAWS	EMULATED FLAWS

1	rc	113
2	httpd	90
3	wlconf	65
4	wps_monitor	54
5	libshared.so	54

Top High Risk Executables

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Crypto Keys

0	0	0	0
TOTAL KEYS	**SSH PRIVATE KEYS**	**SSH PUBLIC KEYS**	**OTHER KEYS**

Crypto Certificates

1	0	1	0
TOTAL CERTIFICATES	**CERTIFICATE AUTHORITIES**	**STANDARD CERTIFICATES**	**EXPIRED CERTIFICATES**

Password Hashes

0

PASSWORD HASHES

Software Bill of Materials

19

OPEN SOURCE COMPONENTS

Security Checklist

12	0	N/A
PASSING TESTS	**FAILING TESTS**	*Failing Tests*

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Binary Hardening

210
BINARIES

301/1050
FEATURES ENABLED

28%
OVERALL COVERAGE