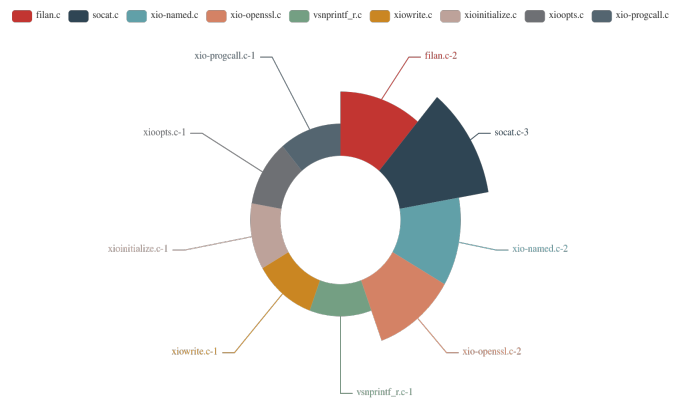


Code Scan Report-[socat]

14/04/2021 12:58:06

1. Visual

Issues Distribution



2. Top Vulnrable Files

Rank	File Path
1	socat.c
2	xio-openssl.c
3	xio-named.c
4	filan.c
5	xio-progcall.c
6	xioopts.c
7	xioinitialize.c
8	xiowrite.c
9	vsnprintf_r.c

3. Potential Vulnerabilities

DANGER

WARNING

1-cpp/potentially-dangerous-function

-> [Path] : filan.c (Line) 983:11, 983:18

-> [Message] : Call to asctime is potentially dangerous

2-cpp/potentially-dangerous-function

-> [Path] : filan.c (Line) 983:19, 983:28
-> [Message] : Call to localtime is potentially dangerous

3-cpp/potentially-dangerous-function

-> [Path] : socat.c (Line) 1149:60, 1149:69
-> [Message] : Call to localtime is potentially dangerous

4-cpp/constant-comparison

-> [Path] : xio-named.c (Line) 72:7, 72:36
-> [Message] : Comparison is always false because call to Umask >= 0.

5-cpp/constant-comparison

-> [Path] : xio-openssl.c (Line) 1678:10, 1678:18
-> [Message] : Comparison is always false because ret <= -1.

6-cpp/constant-comparison

-> [Path] : xio-openssl.c (Line) 1619:10, 1619:18
-> [Message] : Comparison is always false because ret <= -1.

NOTE OR COMMENT

1-cpp/empty-block

-> [Path] : vsnprintf_r.c (Line) 371:22, 373:8
-> [Message] : Empty block without comment

2-cpp/empty-block

-> [Path] : xiowrite.c (Line) 103:14, 104:8
-> [Message] : Empty block without comment

3-cpp/local-variable-hides-global-variable

-> [Path] : socat.c (Line) 1179:9, 1179:18
-> [Message] : Local variable timestamp hides [a global variable](1) with the same name.

4-cpp/local-variable-hides-global-variable

-> [Path] : socat.c (Line) 1132:24, 1132:33
-> [Message] : Parameter timestamp hides [a global variable](1) with the same name.

5-cpp/local-variable-hides-global-variable

-> [Path] : xio-named.c (Line) 104:9, 104:25
-> [Message] : Local variable opt_unlink_early hides [a global variable](1) with the same name.

6-cpp/local-variable-hides-global-variable

-> [Path] : xioinitialize.c (Line) 138:34, 138:38
-> [Message] : Parameter sock hides [a global variable](1) with the same name.

7-cpp/local-variable-hides-global-variable

-> [Path] : xioopts.c (Line) 1768:29, 1768:40
-> [Message] : Parameter optionnames hides [a global variable](1) with the same name.

8-cpp/function-in-block

-> [Path] : xio-progcall.c (Line) 228:6, 228:32
-> [Message] : Functions should be declared at file scope, not inside blocks.

STYLE ISSUE

OTHER