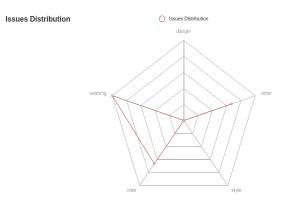
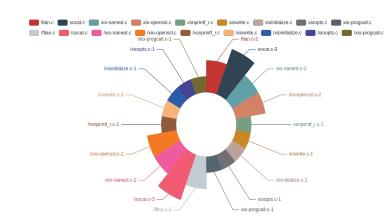
Code Scan Report-[socat_new]

15/04/2021 20:31:25

1.Visual





2.Top Vulnrable Files

Rank	File Path
1	/socat.c
2	socat.c
3	/xio-openssl.c
4	/xio-named.c
5	/filan.c
6	xio-openssl.c
7	xio-named.c
8	filan.c
9	/xio-progcall.c
10	/xioopts.c
11	/xioinitialize.c
12	/xiowrite.c
13	/vsnprintf_r.c
14	xio-progcall.c
15	xioopts.c
16	xioinitialize.c
17	xiowrite.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.
- 7-Use of potentially dangerous function
- -> [Path]: /filan.c (Line) 983:11, 983:17
- -> [Message] : Call to asctime is potentially dangerous
- 8-Use of potentially dangerous function
- -> [Path] : /filan.c (Line) 983:19, 983:27
- -> [Message]: Call to localtime is potentially dangerous
- 9-Use of potentially dangerous function
- -> [Path]: /socat.c (Line) 1149:60, 1149:68
- -> [Message]: Call to localtime is potentially dangerous
- 10-Comparison result is always the same
- -> [Path]: /xio-named.c (Line) 72:7, 72:35
- -> [Message]: Comparison is always false because call to Umask >= 0.
- 11-Comparison result is always the same
- -> [Path]: /xio-openssl.c (Line) 1678:10, 1678:17
- -> [Message] : Comparison is always false because ret <= -1.
- 12-Comparison result is always the same
- -> [Path]: /xio-openssl.c (Line) 1619:10, 1619:17
- -> [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

- 1-Empty branch of conditional
- -> [Path] : /vsnprintf_r.c (Line) 371:22, 373:7
- -> [Message] : Empty block without comment

2-Empty branch of conditional

- -> [Path] : /xiowrite.c (Line) 103:14, 104:7
- -> [Message] : Empty block without comment

3-Local variable hides global variable

- -> [Path]:/socat.c (Line) 1179:9, 1179:17
- -> [Message] : Local variable timestamp hides [["a global variable"|"relative:///socat.c:74:19:74:27"]] with the same name.

4-Local variable hides global variable

- -> [Path]:/socat.c (Line) 1132:24, 1132:32
- -> [Message]: Parameter timestamp hides [["a global variable"|"relative:///socat.c:74:19:74:27"]] with the same name.

5-Local variable hides global variable

-> [Path]: /xio-named.c (Line) 104:9, 104:24

-> [Message] : Local variable opt_unlink_early hides [["a global variable"|"relative:///xio-named.c:21:22:21:37"]] with the same name.

6-Local variable hides global variable

- -> [Path]: /xioinitialize.c (Line) 138:34, 138:37
- -> [Message] : Parameter sock hides [["a global variable"|"relative:///xioinitialize.c:15:12:15:15"]] with the same name.

7-Local variable hides global variable

- -> [Path] : /xioopts.c (Line) 1768:29, 1768:39
- $\hbox{-->} [Message]: Parameter option names hides [["a global variable"]" relative:///xioopts.c:146:22:146:32"]] with the same name. \\$

8-Function declared in block

- -> [Path] : /xio-progcall.c (Line) 228:6, 228:31
- -> [Message] : Functions should be declared at file scope, not inside blocks.