



GIOLIT | FORMAL VERIFICATION OF C PROGRAMS

Certificate of Formal Verification

Document GIO-613E79B911F0 | issued 2026-10-03 01:25:42 IST (UTC+0530)

PROFESSIONAL LICENSE No. GIOLIT-PRO-2026-000011 licensed to **Acme Ltd.**

ac1.c is free of the errors listed below.

For every possible input, no execution of ac1.c (starting at kv_fletcher16_words()) can:

- ✓ fail an assertion (3 places checked)
- ✓ overflow a signed integer (524 places checked)
- ✓ divide by zero (3 places checked)
- ✓ shift by a negative or too large amount (5 places checked)
- ✓ index an array out of bounds (20 places checked)
- ✓ dereference a null, dangling or out-of-bounds pointer (1629 places checked)
- ✓ lose allocated memory (memory leak) (1 place checked)
- ✓ exit with memory still allocated (1 place checked)

This is a **mathematical proof** covering all executions, not a test of some of them. The proof itself is part of this certificate (page 101).

Program file	ac1.c
Location	/tmp/gv-acme/kvserver/src/ac1.c
SHA-256	f2ecfd68e6db6f3fa169c067f79a5ccfed6ddfa3ee9486e641cac64ddbefe131
Size	65 lines, entry function kv_fletcher16_words
Issued to	Giolit Labs
Machine ID	527d921416734c6985698c31556b62fc
Machine	Giolit Labs Verification — Ubuntu 24.04.5 LTS (kernel 7.0.14-orbstack-00380-ga7e0a2dc9535); VirtualApple @ 2.50GHz
Verified by	verifier@Giolit Labs Verification
Engine	Giolit Program Verifier v7 7.0.0, build e68a236-modified
Date and time	2026-10-03 01:25:42 IST (UTC+0530) (analysis 16.0 s)
Technique	Not reachable from the entry, Inductive invariants (abstract interpretation), Decided statically
License	Professional license No. GIOLIT-PRO-2026-000011 , licensed to Acme Ltd.

How your client can check this certificate

- Same file.** sha256sum ac1.c must print f2ecfd68e6db6f3fa169c067f79a5ccfed6ddfa3ee9486e641cac64ddbefe131.
- Licensed.** Issued under Giolit professional license No. GIOLIT-PRO-2026-000011, licensed to **Acme Ltd.**
- Same result.** reproduce.sh re-runs the verification.
- Ask us.** Write to business.giolitlabs@gmail.com quoting document GIO-613E79B911F0.



Giolit — Formal Verification Services

Mathematical proof that your software is free of run-time errors. We offer formal verification as a service: proofs of absence of run-time errors (overflow, division by zero, out-of-bounds access, invalid pointers, memory leaks) and of functional properties for C code, certificates for safety standards (DO-178C, ISO 26262, IEC 61508), and review of counterexamples with your engineers.

www.giolit.com business.giolitlabs@gmail.com



www.giolit.com

The program

acl.c (SHA-256 f2ecfd68e6db6f3f...):

```

1  /* Access control lists for shared keys. */
2  #include "acl.h"
3
4  /* Checked before any data lock is taken. */
5  #define KV_RANK_ACL 8
6
7  void kv_acl_init(struct kv_acl *a)
8  {
9      int acct, r;
10     kv_lock_init(&a->lock, KV_RANK_ACL);
11     for (acct = 0; acct < KV_NUM_ACCOUNTS; acct++)
12         for (r = 0; r < KV_ACL_RANGES; r++) a->rights[acct][r] = KV_ACL_READ | KV_ACL_WRITE;
13     a->grants = a->revocations = a->denials = 0;
14 }
15
16 int kv_acl_range_of(int key)
17 {
18     if (key < KV_ACL_SHARED_LO || key > KV_ACL_SHARED_HI) return -1;
19     return (key - KV_ACL_SHARED_LO) / KV_ACL_RANGE_KEYS;
20 }
21
22 int kv_acl_check(struct kv_acl *a, int account, int key, int right)
23 {
24     int range = kv_acl_range_of(key), ok;
25     if (range < 0) return KV_OK; /* not a shared key: other rules */
26     if (account < 0 || account >= KV_NUM_ACCOUNTS) return KV_ERR_UNAUTHORIZED;
27     kv_lock(&a->lock);
28     ok = (a->rights[account][range] & right) == right;
29     if (!ok) a->denials++;
30     kv_unlock(&a->lock);
31     return ok ? KV_OK : KV_ERR_UNAUTHORIZED;
32 }
33
34 void kv_acl_grant(struct kv_acl *a, int account, int range, int right)
35 {
36     if (account < 0 || account >= KV_NUM_ACCOUNTS || range < 0 || range >= KV_ACL_RANGES) return;
37     kv_lock(&a->lock);
38     if (right & KV_ACL_WRITE) right |= KV_ACL_READ; /* write implies read */
39     a->rights[account][range] |= right;
40     a->grants++;
41     kv_unlock(&a->lock);
42 }
43
44 void kv_acl_revoke(struct kv_acl *a, int account, int range, int right)
45 {
46     if (account < 0 || account >= KV_NUM_ACCOUNTS || range < 0 || range >= KV_ACL_RANGES) return;
47     kv_lock(&a->lock);
48     if (right & KV_ACL_READ) right |= KV_ACL_WRITE; /* no write without read */
49     a->rights[account][range] &= ~right;
50     a->revocations++;
51     kv_unlock(&a->lock);
52 }
53
54 void kv_acl_check_invariants(struct kv_acl *a)
55 {
56     int acct, r;
57     kv_lock(&a->lock);
58     for (acct = 0; acct < KV_NUM_ACCOUNTS; acct++)
59         for (r = 0; r < KV_ACL_RANGES; r++) {
60             int x = a->rights[acct][r];
61             VERIFY((x & ~(KV_ACL_READ | KV_ACL_WRITE)) == 0);

```

```

62         if (x & KV_ACL_WRITE) VERIFY(x & KV_ACL_READ);
63     }
64     kv_unlock(&a->lock);
65 }

```

Properties and results

#	Line	Property	CWE	Result	Method
1	102	Signed integer overflow: int64 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2	14	Assertion: assertion failure (__assert_fail reached)	CWE-617	✓ unreachable	Not reachable from the entry
3	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
4	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
5	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
6	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
7	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
8	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
9	19	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
10	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
11	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
12	29	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
13	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
14	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
15	40	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
16	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
17	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
18	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
19	58	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
20	59	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
21	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
22	61	Assertion: assertion failure (reach_error reached)	CWE-617	✓ unreachable	Not reachable from the entry
23	62	Assertion: assertion failure (reach_error reached)	CWE-617	✓ unreachable	Not reachable from the entry
24	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
25	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
26	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
27	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
28	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
29	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
30	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
31	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
32	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
33	22	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
34	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
35	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
36	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
37	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
38	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
39	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
40	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
41	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
42	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
43	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
44	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
45	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
46	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
47	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
48	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
49	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
50	56	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
51	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
52	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
53	58	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
54	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
55	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
56	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
57	60	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
58	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
59	88	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
60	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
61	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
62	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
63	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
64	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
65	94	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
66	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
67	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
68	9	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
69	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
70	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
71	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
72	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
73	13	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
74	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
75	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
76	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
77	15	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
78	15	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
79	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
80	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
81	16	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
82	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
83	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
84	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
85	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
86	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
87	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
88	23	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
89	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
90	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
91	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
92	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
93	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
94	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
95	32	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
96	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
97	32	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
98	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
99	34	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
100	34	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
101	34	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
102	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
103	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
104	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
105	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
106	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
107	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
108	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
109	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
110	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
111	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
112	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
113	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
114	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
115	44	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
116	49	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
117	81	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
118	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
119	82	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
120	89	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
121	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
122	91	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
123	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
124	93	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
125	94	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
126	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
127	99	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
128	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
129	99	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
130	5	Invalid shift: shift amount out of range [0, 32)	CWE-1335	✓ unreachable	Not reachable from the entry
131	10	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
132	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
133	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
134	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
135	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
136	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
137	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
138	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
139	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
140	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
141	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
142	27	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
143	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
144	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
145	35	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
146	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
147	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
148	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
149	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
150	45	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
151	46	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
152	46	Division by zero: division or remainder by zero	CWE-369	✓ unreachable	Not reachable from the entry
153	46	Signed integer overflow: int32 overflow in / or % (INT_MIN / -1)	CWE-190	✓ unreachable	Not reachable from the entry
154	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
155	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
156	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
157	56	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
158	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
159	57	Division by zero: division or remainder by zero	CWE-369	✓ unreachable	Not reachable from the entry
160	57	Signed integer overflow: int32 overflow in / or % (INT_MIN / -1)	CWE-190	✓ unreachable	Not reachable from the entry
161	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
162	67	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
163	68	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
164	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
165	76	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
166	76	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
167	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
168	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
169	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
170	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
171	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
172	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
173	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
174	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
175	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
176	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
177	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
178	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
179	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
180	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
181	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
182	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
183	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
184	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
185	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
186	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
187	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
188	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
189	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
190	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
191	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
192	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
193	39	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
194	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
195	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
196	49	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
197	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
198	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
199	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
200	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
201	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
202	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
203	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
204	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
205	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
206	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
207	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
208	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
209	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
210	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
211	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
212	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
213	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
214	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
215	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
216	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
217	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
218	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
219	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
220	91	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
221	100	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
222	100	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
223	100	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
224	110	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
225	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
226	114	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
227	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
228	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
229	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
230	118	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
231	118	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
232	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
233	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
234	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
235	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
236	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
237	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
238	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
239	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
240	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
241	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
242	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
243	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
244	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
245	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
246	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
247	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
248	33	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
249	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
250	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
251	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
252	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
253	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
254	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
255	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
256	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
257	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
258	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
259	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
260	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
261	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
262	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
263	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
264	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
265	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
266	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
267	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
268	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
269	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
270	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
271	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
272	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
273	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
274	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
275	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
276	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
277	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
278	82	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
279	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
280	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
281	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
282	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
283	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
284	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
285	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
286	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
287	89	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
288	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
289	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
290	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
291	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
292	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
293	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
294	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
295	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
296	97	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
297	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
298	101	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
299	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
300	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
301	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
302	102	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
303	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
304	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
305	112	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
306	112	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
307	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
308	112	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
309	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
310	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
311	114	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
312	114	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
313	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
314	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
315	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
316	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
317	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
318	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
319	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
320	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
321	122	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
322	122	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
323	123	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
324	124	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
325	125	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
326	129	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
327	129	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
328	129	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
329	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
330	131	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
331	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
332	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
333	133	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
334	137	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
335	137	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
336	150	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
337	150	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
338	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
339	152	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
340	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
341	159	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
342	161	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
343	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
344	162	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
345	163	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
346	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
347	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
348	166	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
349	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
350	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
351	169	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
352	169	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
353	170	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
354	179	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
355	180	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
356	181	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
357	186	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
358	187	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
359	192	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
360	192	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
361	192	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
362	193	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
363	195	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
364	198	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
365	199	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
366	200	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
367	202	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
368	207	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
369	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
370	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
371	209	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
372	209	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
373	211	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
374	216	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
375	217	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
376	219	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
377	224	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
378	225	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
379	225	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
380	226	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
381	226	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
382	227	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
383	227	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
384	229	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
385	234	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
386	235	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
387	235	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
388	236	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
389	236	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
390	238	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
391	239	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
392	241	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
393	251	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
394	251	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
395	252	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
396	252	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
397	254	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
398	254	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
399	254	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
400	256	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
401	256	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
402	257	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
403	258	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
404	258	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
405	266	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
406	266	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
407	267	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
408	267	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
409	268	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
410	268	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
411	269	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
412	270	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
413	270	Invalid shift: shift amount out of range [0, 32)	CWE-1335	✓ unreachable	Not reachable from the entry
414	270	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
415	271	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
416	271	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
417	271	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
418	272	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
419	272	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
420	278	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
421	279	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
422	280	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
423	284	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
424	294	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
425	297	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
426	298	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
427	298	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
428	299	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
429	303	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
430	310	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
431	318	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
432	319	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
433	324	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
434	325	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
435	325	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
436	329	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
437	337	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
438	340	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
439	342	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
440	343	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
441	343	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
442	345	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
443	345	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
444	346	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
445	346	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
446	346	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
447	347	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
448	347	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
449	354	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
450	356	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
451	357	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
452	358	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
453	358	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
454	365	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
455	366	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
456	366	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
457	366	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
458	369	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
459	369	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
460	369	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
461	369	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
462	377	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
463	384	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
464	384	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
465	386	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
466	387	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
467	387	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
468	393	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
469	394	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
470	395	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
471	396	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
472	397	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
473	399	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
474	399	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
475	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
476	10	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
477	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
478	18	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
479	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
480	10	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
481	16	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
482	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
483	17	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
484	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
485	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
486	18	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
487	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
488	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
489	33	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
490	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
491	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
492	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
493	37	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
494	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
495	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
496	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
497	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
498	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
499	41	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
500	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
501	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
502	43	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
503	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
504	44	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
505	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
506	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
507	48	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
508	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
509	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
510	48	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
511	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
512	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
513	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
514	52	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
515	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
516	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
517	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
518	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
519	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
520	64	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
521	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
522	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
523	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
524	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
525	68	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
526	69	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
527	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
528	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
529	71	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
530	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
531	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
532	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
533	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
534	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
535	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
536	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
537	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
538	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
539	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
540	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
541	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
542	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
543	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
544	84	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
545	87	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
546	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
547	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
548	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
549	94	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
550	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
551	95	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
552	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
553	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
554	104	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
555	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
556	108	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
557	108	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
558	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
559	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
560	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
561	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
562	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
563	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
564	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
565	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
566	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
567	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
568	41	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
569	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
570	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
571	46	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
572	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
573	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
574	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
575	10	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
576	21	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
577	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
578	33	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
579	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
580	35	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
581	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
582	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
583	45	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
584	48	Division by zero: division or remainder by zero	CWE-369	✓ unreachable	Not reachable from the entry
585	48	Signed integer overflow: int32 overflow in / or % (INT_MIN / -1)	CWE-190	✓ unreachable	Not reachable from the entry
586	54	Signed integer overflow: int32 overflow in +	CWE-190	✓ proven	Inductive invariants (abstract interpretation)
587	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ proven	Inductive invariants (abstract interpretation)

#	Line	Property	CWE	Result	Method
588	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ proven	Inductive invariants (abstract interpretation)
589	56	Invalid shift: shift amount out of range [0, 32)	CWE-1335	✓ proven	Inductive invariants (abstract interpretation)
590	56	Signed integer overflow: int32 overflow in *	CWE-190	✓ proven	Inductive invariants (abstract interpretation)
591	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ proven	Inductive invariants (abstract interpretation)
592	58	Signed integer overflow: int32 overflow in +	CWE-190	✓ proven	Inductive invariants (abstract interpretation)
593	61	Memory not freed at exit: allocated memory not freed at program exit	CWE-401	✓ proven	Decided statically
594	61	Memory leak (lost memory): allocated memory may be lost (not freed at program exit)	CWE-401	✓ proven	Decided statically
595	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
596	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
597	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
598	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
599	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
600	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
601	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
602	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
603	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
604	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
605	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
606	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
607	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
608	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
609	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
610	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
611	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
612	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
613	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
614	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
615	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
616	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
617	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
618	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
619	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
620	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
621	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
622	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
623	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
624	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
625	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
626	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
627	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
628	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
629	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
630	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
631	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
632	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
633	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
634	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
635	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
636	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
637	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
638	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
639	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
640	103	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
641	104	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
642	105	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
643	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
644	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
645	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
646	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
647	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
648	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
649	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
650	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
651	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
652	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
653	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
654	122	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
655	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
656	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
657	135	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
658	136	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
659	137	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
660	137	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
661	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
662	147	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
663	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
664	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
665	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
666	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
667	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
668	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
669	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
670	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
671	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
672	162	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
673	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
674	162	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
675	165	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
676	166	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
677	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
678	167	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
679	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
680	169	Invalid shift: shift amount out of range [0, 32)	CWE-1335	✓ unreachable	Not reachable from the entry
681	173	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
682	181	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
683	185	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
684	195	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
685	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
686	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
687	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
688	213	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
689	220	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
690	220	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
691	221	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
692	221	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
693	222	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
694	223	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
695	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
696	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
697	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
698	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
699	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
700	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
701	26	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
702	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
703	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
704	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
705	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
706	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
707	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
708	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
709	49	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
710	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
711	51	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
712	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
713	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
714	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
715	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
716	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
717	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
718	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
719	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
720	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
721	54	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
722	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
723	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
724	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
725	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
726	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
727	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
728	66	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
729	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
730	68	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
731	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
732	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
733	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
734	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
735	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
736	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
737	73	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
738	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
739	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
740	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
741	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
742	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
743	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
744	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
745	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
746	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
747	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
748	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
749	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
750	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
751	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
752	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
753	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
754	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
755	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
756	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
757	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
758	20	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
759	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
760	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
761	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
762	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
763	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
764	35	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
765	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
766	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
767	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
768	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
769	42	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
770	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
771	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
772	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
773	43	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
774	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
775	44	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
776	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
777	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
778	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
779	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
780	56	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
781	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
782	58	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
783	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
784	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
785	60	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
786	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
787	77	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
788	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
789	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
790	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
791	81	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
792	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
793	83	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
794	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
795	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
796	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
797	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
798	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
799	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
800	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
801	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
802	13	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
803	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
804	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
805	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
806	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
807	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
808	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
809	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
810	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
811	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
812	27	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
813	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
814	28	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
815	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
816	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
817	29	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
818	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
819	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
820	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
821	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
822	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
823	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
824	35	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
825	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
826	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
827	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
828	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
829	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
830	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
831	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
832	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
833	56	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
834	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
835	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
836	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
837	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
838	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
839	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
840	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
841	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
842	70	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
843	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
844	71	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
845	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
846	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
847	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
848	74	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
849	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
850	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
851	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
852	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
853	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
854	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
855	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
856	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
857	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
858	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
859	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
860	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
861	39	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
862	48	Signed integer overflow: int64 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
863	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
864	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
865	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
866	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
867	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
868	59	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
869	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
870	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
871	59	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
872	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
873	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
874	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
875	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
876	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
877	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
878	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
879	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
880	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
881	74	Signed integer overflow: int64 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
882	74	Signed integer overflow: int64 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
883	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
884	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
885	74	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
886	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
887	76	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
888	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
889	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
890	79	Signed integer overflow: int64 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
891	85	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
892	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
893	86	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
894	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
895	87	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
896	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
897	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
898	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
899	96	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
900	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
901	98	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
902	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
903	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
904	101	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
905	103	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
906	103	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
907	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
908	109	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
909	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
910	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
911	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
912	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
913	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
914	122	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
915	125	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
916	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
917	134	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
918	136	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
919	136	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
920	136	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
921	136	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
922	146	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
923	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
924	161	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
925	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
926	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
927	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
928	168	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
929	169	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
930	169	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
931	170	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
932	170	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
933	171	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
934	171	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
935	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
936	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
937	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
938	40	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
939	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
940	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
941	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
942	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
943	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
944	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
945	65	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
946	77	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
947	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
948	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
949	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
950	87	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
951	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
952	119	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
953	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
954	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
955	140	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
956	141	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
957	145	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
958	147	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
959	151	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
960	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
961	152	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
962	152	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
963	7	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
964	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
965	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
966	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
967	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
968	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
969	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
970	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
971	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
972	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
973	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
974	18	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
975	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
976	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
977	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
978	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
979	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
980	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
981	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
982	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
983	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
984	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
985	41	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
986	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
987	42	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
988	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
989	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
990	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
991	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
992	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
993	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
994	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
995	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
996	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
997	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
998	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
999	60	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1000	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1001	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1002	72	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1003	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1004	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1005	73	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1006	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1007	96	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1008	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1009	97	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1010	108	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1011	109	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1012	110	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1013	110	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1014	110	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1015	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1016	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1017	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1018	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1019	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1020	121	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1021	125	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1022	125	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1023	125	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1024	128	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1025	128	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1026	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1027	140	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1028	140	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1029	140	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1030	141	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1031	141	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1032	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1033	164	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1034	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1035	165	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1036	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1037	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1038	8	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1039	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1040	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1041	8	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1042	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1043	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1044	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1045	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1046	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1047	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1048	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1049	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1050	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1051	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1052	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1053	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1054	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1055	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1056	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1057	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1058	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1059	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1060	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1061	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1062	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1063	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1064	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1065	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1066	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1067	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1068	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1069	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1070	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1071	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1072	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1073	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1074	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1075	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1076	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1077	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1078	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1079	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1080	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1081	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1082	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1083	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1084	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1085	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1086	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1087	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1088	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1089	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1090	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1091	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1092	62	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1093	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1094	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1095	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1096	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1097	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1098	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1099	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1100	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1101	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1102	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1103	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1104	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1105	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1106	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1107	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1108	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1109	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1110	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1111	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1112	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1113	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1114	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1115	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1116	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1117	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1118	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1119	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1120	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1121	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1122	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1123	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1124	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1125	95	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1126	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1127	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1128	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1129	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1130	105	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1131	105	Invalid shift: shift amount out of range [0, 32)	CWE-1335	✓ unreachable	Not reachable from the entry
1132	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1133	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1134	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1135	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1136	10	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1137	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1138	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1139	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1140	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1141	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1142	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1143	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1144	25	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1145	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1146	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1147	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1148	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1149	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1150	27	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1151	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1152	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1153	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1154	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1155	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1156	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1157	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1158	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1159	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1160	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1161	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1162	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1163	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1164	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1165	39	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1166	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1167	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1168	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1169	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1170	49	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1171	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1172	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1173	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1174	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1175	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1176	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1177	58	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1178	58	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1179	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1180	68	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1181	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1182	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1183	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1184	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1185	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1186	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1187	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1188	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1189	84	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1190	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1191	88	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1192	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1193	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1194	99	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1195	100	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1196	101	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1197	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1198	102	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1199	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1200	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1201	184	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1202	193	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1203	194	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1204	194	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1205	195	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1206	195	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1207	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1208	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1209	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1210	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1211	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1212	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1213	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1214	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1215	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1216	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1217	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1218	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1219	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1220	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1221	34	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1222	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1223	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1224	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1225	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1226	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1227	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1228	49	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1229	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1230	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1231	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1232	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1233	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1234	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1235	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1236	80	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1237	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1238	85	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1239	85	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1240	87	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1241	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1242	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1243	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1244	91	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1245	8	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1246	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1247	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1248	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1249	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1250	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1251	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1252	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1253	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1254	46	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1255	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1256	47	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1257	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1258	51	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1259	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1260	52	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1261	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1262	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1263	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1264	63	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1265	65	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1266	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1267	68	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1268	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1269	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1270	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1271	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1272	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1273	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1274	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1275	95	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1276	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1277	98	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1278	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1279	99	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1280	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1281	101	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1282	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1283	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1284	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1285	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1286	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1287	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1288	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1289	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1290	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1291	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1292	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1293	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1294	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1295	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1296	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1297	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1298	29	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1299	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1300	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1301	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1302	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1303	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1304	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1305	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1306	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1307	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1308	48	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1309	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1310	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1311	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1312	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1313	54	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1314	64	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1315	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1316	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1317	65	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1318	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1319	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1320	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1321	68	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1322	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1323	71	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1324	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1325	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1326	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1327	71	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1328	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1329	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1330	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1331	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1332	95	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1333	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1334	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1335	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1336	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1337	103	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1338	31	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1339	36	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1340	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1341	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1342	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1343	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1344	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1345	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1346	56	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1347	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1348	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1349	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1350	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1351	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1352	80	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1353	104	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1354	104	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1355	127	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1356	128	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1357	128	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1358	129	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1359	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1360	130	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1361	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1362	130	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1363	138	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1364	139	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1365	142	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1366	145	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1367	146	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1368	158	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1369	159	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1370	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1371	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1372	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1373	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1374	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1375	50	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1376	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1377	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1378	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1379	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1380	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1381	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1382	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1383	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1384	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1385	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1386	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1387	71	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1388	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1389	77	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1390	77	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1391	78	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1392	78	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1393	84	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1394	115	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1395	127	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1396	130	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1397	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1398	6	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1399	7	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1400	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1401	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1402	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1403	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1404	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1405	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1406	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1407	17	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1408	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1409	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1410	19	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1411	26	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1412	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1413	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1414	30	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1415	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1416	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1417	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1418	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1419	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1420	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1421	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1422	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1423	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1424	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1425	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1426	55	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1427	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1428	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1429	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1430	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1431	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1432	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1433	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1434	64	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1435	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1436	65	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1437	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1438	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1439	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1440	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1441	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1442	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1443	85	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1444	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1445	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1446	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1447	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1448	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1449	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1450	121	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1451	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1452	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1453	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1454	137	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1455	137	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1456	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1457	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1458	156	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1459	158	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1460	158	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1461	159	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1462	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1463	161	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1464	161	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1465	162	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1466	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1467	166	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1468	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1469	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1470	169	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1471	189	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1472	198	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1473	200	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1474	201	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1475	201	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1476	201	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1477	202	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1478	203	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1479	206	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1480	207	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1481	207	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1482	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1483	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1484	209	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1485	210	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1486	211	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1487	211	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1488	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1489	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1490	213	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1491	215	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1492	215	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1493	216	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1494	216	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1495	8	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1496	9	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1497	9	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1498	10	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1499	10	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1500	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1501	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1502	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1503	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1504	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1505	21	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1506	22	Signed integer overflow: int32 overflow in *	CWE-190	✓ unreachable	Not reachable from the entry
1507	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1508	38	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1509	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1510	40	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1511	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1512	41	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1513	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1514	42	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1515	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1516	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1517	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1518	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1519	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1520	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1521	52	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1522	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1523	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1524	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1525	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1526	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1527	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1528	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1529	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1530	80	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1531	80	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1532	80	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1533	81	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1534	81	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1535	81	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1536	82	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1537	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1538	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1539	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1540	12	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1541	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1542	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1543	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1544	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1545	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1546	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1547	23	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1548	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1549	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1550	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1551	31	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1552	32	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1553	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1554	33	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1555	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1556	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1557	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1558	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1559	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1560	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1561	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1562	43	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1563	44	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1564	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1565	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1566	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1567	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1568	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1569	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1570	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1571	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1572	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1573	56	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1574	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1575	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1576	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1577	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1578	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1579	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1580	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1581	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1582	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1583	78	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1584	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1585	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1586	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1587	86	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1588	87	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1589	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1590	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1591	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1592	91	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1593	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1594	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1595	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1596	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1597	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1598	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1599	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1600	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1601	100	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1602	100	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1603	100	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1604	101	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1605	109	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1606	109	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1607	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1608	112	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1609	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1610	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1611	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1612	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1613	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1614	118	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1615	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1616	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1617	132	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1618	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1619	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1620	134	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1621	134	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1622	135	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1623	135	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1624	138	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1625	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1626	139	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1627	142	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1628	145	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1629	145	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1630	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1631	149	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1632	150	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1633	150	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1634	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1635	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1636	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1637	162	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1638	166	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1639	169	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1640	170	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1641	170	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1642	171	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1643	171	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1644	172	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1645	172	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1646	183	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1647	183	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1648	186	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1649	187	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1650	187	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1651	189	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1652	189	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1653	190	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1654	190	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1655	191	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1656	192	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1657	192	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1658	204	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1659	204	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1660	207	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1661	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1662	208	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1663	212	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1664	212	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1665	213	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1666	213	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1667	223	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1668	224	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1669	224	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1670	225	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1671	225	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1672	240	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1673	256	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1674	264	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1675	266	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1676	267	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1677	267	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1678	267	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1679	268	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1680	269	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1681	270	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1682	271	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1683	273	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1684	282	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1685	284	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1686	284	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1687	285	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1688	286	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1689	287	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1690	288	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1691	289	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1692	290	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1693	291	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1694	292	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1695	292	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1696	293	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1697	293	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1698	295	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1699	296	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1700	297	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1701	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1702	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1703	52	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1704	53	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1705	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1706	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1707	82	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1708	85	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1709	85	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1710	110	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1711	111	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1712	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1713	128	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1714	129	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1715	129	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1716	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1717	131	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1718	144	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1719	146	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1720	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1721	147	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1722	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1723	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1724	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1725	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1726	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1727	150	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1728	150	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1729	158	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1730	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1731	159	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1732	160	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1733	163	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1734	163	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1735	163	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1736	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1737	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1738	164	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1739	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1740	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1741	165	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1742	167	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1743	167	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1744	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1745	176	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1746	181	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1747	181	Array index out of bounds: memory access out of bounds	CWE-787	✓ unreachable	Not reachable from the entry
1748	186	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1749	7	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1750	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1751	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1752	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1753	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1754	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1755	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1756	21	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1757	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1758	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1759	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1760	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1761	32	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1762	34	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1763	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1764	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1765	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1766	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1767	37	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1768	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1769	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1770	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1771	39	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1772	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1773	40	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1774	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1775	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1776	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1777	52	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1778	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1779	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1780	54	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1781	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1782	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1783	63	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1784	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1785	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1786	66	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1787	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1788	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1789	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1790	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1791	69	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1792	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1793	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1794	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1795	71	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1796	72	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1797	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1798	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1799	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1800	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1801	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1802	74	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1803	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1804	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1805	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1806	75	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1807	77	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1808	78	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1809	78	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1810	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1811	99	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1812	99	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1813	100	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1814	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1815	103	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1816	104	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1817	105	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1818	105	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1819	105	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1820	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1821	108	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1822	108	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1823	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1824	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1825	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1826	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1827	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1828	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1829	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1830	24	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1831	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1832	27	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1833	27	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1834	28	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1835	28	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1836	39	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1837	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1838	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1839	41	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1840	41	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1841	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1842	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1843	43	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1844	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1845	44	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1846	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1847	57	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1848	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1849	59	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1850	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1851	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1852	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1853	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1854	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1855	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1856	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1857	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1858	45	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1859	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1860	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1861	51	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1862	58	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1863	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1864	60	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1865	61	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1866	62	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1867	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1868	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1869	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1870	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1871	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1872	79	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1873	79	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1874	83	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1875	83	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1876	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1877	84	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1878	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1879	86	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1880	86	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1881	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1882	89	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1883	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1884	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1885	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1886	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1887	107	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1888	110	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1889	11	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1890	12	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1891	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1892	14	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1893	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1894	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1895	23	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1896	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1897	25	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1898	26	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1899	34	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1900	35	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1901	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1902	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1903	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1904	39	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1905	40	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1906	42	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1907	43	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1908	44	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1909	45	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1910	47	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1911	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1912	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1913	54	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1914	54	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1915	55	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1916	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1917	66	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1918	67	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1919	67	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1920	68	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1921	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1922	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1923	71	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1924	72	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1925	73	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1926	74	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1927	74	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1928	75	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1929	75	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1930	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1931	93	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1932	93	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1933	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1934	103	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1935	111	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1936	112	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1937	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1938	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1939	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1940	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1941	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1942	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1943	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1944	117	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1945	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1946	120	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1947	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1948	121	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1949	122	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1950	122	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1951	122	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1952	127	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1953	127	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1954	136	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1955	138	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1956	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1957	140	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1958	142	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1959	143	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1960	144	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1961	144	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1962	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1963	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1964	147	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1965	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1966	148	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1967	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1968	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1969	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1970	150	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1971	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1972	151	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1973	161	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1974	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1975	162	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1976	164	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1977	165	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1978	165	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1979	168	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1980	168	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1981	170	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1982	172	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1983	174	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1984	175	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1985	184	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1986	184	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1987	186	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1988	186	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1989	186	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1990	196	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
1991	197	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1992	206	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1993	206	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1994	206	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
1995	210	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1996	211	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1997	211	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
1998	213	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
1999	224	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2000	224	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
2001	233	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2002	233	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2003	233	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2004	233	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2005	242	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2006	243	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2007	244	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2008	244	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
2009	245	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2010	245	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2011	246	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2012	246	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2013	247	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2014	248	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2015	248	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2016	250	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2017	250	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2018	251	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2019	252	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2020	11	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2021	13	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2022	13	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2023	14	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2024	15	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2025	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2026	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2027	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2028	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2029	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2030	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2031	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2032	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2033	22	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2034	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2035	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2036	30	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2037	31	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2038	51	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2039	52	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2040	52	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2041	69	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2042	70	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2043	70	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2044	88	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2045	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2046	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2047	89	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2048	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2049	90	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2050	91	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2051	91	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2052	92	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2053	92	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2054	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2055	94	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2056	94	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2057	95	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
2058	96	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2059	97	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2060	97	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2061	98	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2062	98	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2063	111	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2064	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2065	116	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2066	128	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2067	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2068	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2069	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2070	133	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2071	133	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2072	134	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2073	134	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2074	135	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2075	135	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2076	136	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2077	136	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2078	145	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2079	147	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2080	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2081	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2082	149	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2083	150	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2084	151	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2085	152	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2086	153	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2087	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2088	157	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2089	157	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2090	157	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2091	158	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2092	158	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2093	158	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2094	158	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2095	158	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2096	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2097	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2098	159	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2099	162	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2100	16	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2101	17	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2102	18	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2103	19	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2104	20	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2105	21	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2106	22	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2107	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2108	23	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2109	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2110	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2111	24	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2112	32	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2113	36	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2114	37	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2115	38	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2116	46	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2117	48	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2118	49	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2119	50	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2120	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2121	53	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2122	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2123	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2124	55	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2125	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2126	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2127	57	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2128	59	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2129	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2130	63	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2131	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2132	64	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2133	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2134	65	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2135	76	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2136	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2137	84	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2138	84	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2139	85	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2140	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2141	89	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2142	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2143	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2144	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2145	102	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2146	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2147	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2148	107	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2149	110	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2150	110	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2151	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2152	113	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2153	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2154	115	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2155	118	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2156	119	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2157	128	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2158	129	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2159	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2160	130	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2161	132	Signed integer overflow: int32 overflow in -	CWE-190	✓ unreachable	Not reachable from the entry
2162	132	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2163	134	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2164	139	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2165	139	Signed integer overflow: int32 overflow in +	CWE-190	✓ unreachable	Not reachable from the entry
2166	148	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2167	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2168	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2169	149	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

#	Line	Property	CWE	Result	Method
2170	152	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2171	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2172	154	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2173	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2174	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2175	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2176	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2177	155	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2178	161	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2179	172	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2180	174	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2181	175	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2182	178	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2183	179	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2184	180	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2185	181	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry
2186	182	Invalid pointer dereference: invalid memory access (null, dangling or out of bounds)	CWE-476/CWE-416	✓ unreachable	Not reachable from the entry

Verification technique

The program was compiled with the Clang C front end to LLVM IR and translated into a verification model: a control-flow graph whose transitions are exact linear relations over the program's variables, with machine integer ranges, wrap-around, pointers (object, offset), and memory allocation state. Every operation that can fail at run time becomes a *check*: an edge to an error location. A check is **proven** when no execution of the model reaches its error edge; it is **violated** when a concrete execution does. The model over-approximates the program (every real execution is an execution of the model), so a proof on the model is a proof for the program.

Techniques that decided this program:

- **Not reachable from the entry.** The function containing the operation is never called from the analysed entry function.
- **Inductive invariants (abstract interpretation).** Inductive invariants were computed for every program point by abstract interpretation over template polyhedra (intervals, octagons and relational directions discovered from the program), with widening and narrowing. The invariant at the failing operation excludes the failure.
- **Decided statically.** No execution path leads to a failure of this operation (the translation proved it cannot fail).

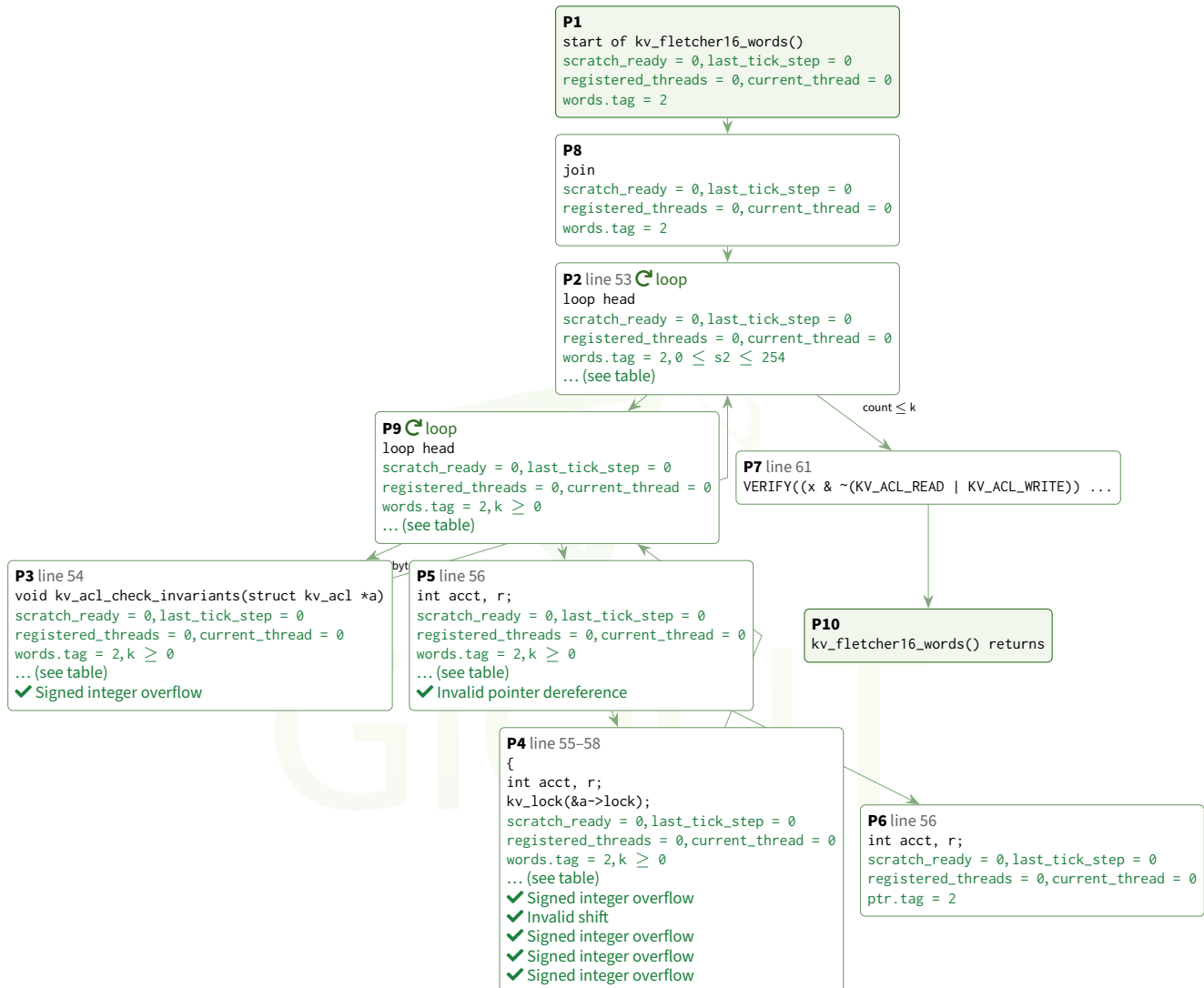
Why the annotations are a proof. Each annotation below is an *inductive invariant*: it holds when the program starts, and every transition from an annotated point leads to a point whose annotation holds again. So it holds in every reachable state. At each point where a check could fail, the annotation contradicts the failure condition (points marked **false** are never reached), so no check can fail.



Proof: annotated control-flow graph

Each box is a program point P_n with its source line and code. The green annotation below the code holds *every time* execution reaches that point, for every input. Arrows are the possible control transfers, labelled with their branch conditions. Checks at a point are listed with ✓ (proven). Dashed boxes are failure branches: their annotation is *false*, so they are never reached. Annotations are shown over the source variables, simplified; the complete machine-checkable annotations are in `proof.json`.

Function kv_fletcher16_words()



Point	Line	Source	Annotation (holds whenever execution reaches the point)
P1		start of kv_fletcher16_words()	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2
P2	53	loop head	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2 ∧ 0 ≤ s2 ≤ 254 ∧ k ≥ 0 ∧ 0 ≤ s1 ≤ 254
P3	54	void kv_acl_check_invariants(struct kv_acl *a)	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2 ∧ k ≥ 0 ∧ 0 ≤ s2 ≤ 254 ∧ 0 ≤ s1 ≤ 254 ∧ k < count

Point	Line	Source	Annotation (holds whenever execution reaches the point)
P4	55–58	{ int acct, r; kv_lock(&a->lock); ...	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2 ∧ $k \geq 0 \wedge 0 \leq s2 \leq 254 \wedge 0 \leq \text{byte} \leq 3 \wedge 0 \leq s1 \leq 254 \wedge \text{words.off} + 4*k \leq -1 \wedge k < \text{count}$
P5	56	int acct, r;	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2 ∧ $k \geq 0 \wedge 0 \leq s2 \leq 254 \wedge 0 \leq \text{byte} \leq 3 \wedge 0 \leq s1 \leq 254 \wedge k < \text{count}$
P6	56	int acct, r;	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ ptr.tag = 2
P7	61	VERIFY((x & ~(KV_ACL_READ	not needed (no check follows this point)
P8		KV_ACL_WRITE)... join	
P9		loop head	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2
P10		kv_fletcher16_words() returns	scratch_ready = 0 ∧ last_tick_step = 0 ∧ registered_threads = 0 ∧ current_thread = 0 ∧ words.tag = 2 ∧ $k \geq 0 \wedge 0 \leq s2 \leq 254 \wedge 0 \leq \text{byte} \leq 4 \wedge 0 \leq s1 \leq 254 \wedge k < \text{count}$
			not needed (no check follows this point)

Assumptions and scope

- **Inputs.** Values returned by functions without a body (for example `__VERIFIER_nondet_int`), the entry function's parameters and external data are arbitrary values of their C types: the result covers every input.
- **Machine model.** The host compiler's data model (x86-64, LP64: int 32 bits, long and pointers 64 bits), two's complement. Signed overflow is reported as an error; unsigned arithmetic wraps as C defines.
- **Entry point.** Executions start at `kv_fletcher16_words()`. Only the source files listed on the first page are analysed.
- **Checks.** all kinds: assertions, signed overflow, division by zero, shifts, array bounds, pointer dereference, free, memory leaks.
- **Over-approximation.** 369 operation(s) were over-approximated (their result was treated as any value of its type). This can only prevent a proof; it never turns a failing program into a proven one.

Reproducing this result

The bundle delivered with this document contains:

- `worker.c` — a header it includes
- `watch.c` — a header it includes
- `wal.c` — a header it includes
- `txn.c` — a header it includes
- `ttl.c` — a header it includes
- `timerwheel.c` — a header it includes
- `sync.c` — a header it includes
- `store.c` — a header it includes
- `stats.c` — a header it includes
- `session.c` — a header it includes
- `server.c` — a header it includes

- scheduler.c — a header it includes
- replica.c — a header it includes
- ratelimit.c — a header it includes
- quota.c — a header it includes
- queue.c — a header it includes
- protocol.c — a header it includes
- pool.c — a header it includes
- monitor.c — a header it includes
- metrics.c — a header it includes
- main.c — a header it includes
- log.c — a header it includes
- lockmgr.c — a header it includes
- history.c — a header it includes
- handlers.c — a header it includes
- crc.c — a header it includes
- config_registry.c — a header it includes
- config_file.c — a header it includes
- common.c — a header it includes
- client.c — a header it includes
- cache.c — a header it includes
- bitmap.c — a header it includes
- backup.c — a header it includes
- auth.c — a header it includes
- acl.c — the verified source, unchanged
- certificate.json — the statement of this result
- results.json — per-check results (machine-readable)
- results.sarif — SARIF 2.1.0 for code-scanning dashboards and CI
- proof.json — the verification model, the complete proof annotations and counterexamples
- verifier-output.txt — the verifier's console report
- reproduce.sh — the command that produced this result
- certificate-password.txt — the password that opens certificate.pdf

Command (run in the bundle folder):

```
v7 --timeout=60 --entry=kv_fletcher16_words -DKV_SEQUENTIAL -Iinclude acl.c auth.c backup.c bitmap.c cache.c
client.c common.c config_file.c config_registry.c crc.c handlers.c history.c lockmgr.c log.c main.c metrics.c
monitor.c pool.c protocol.c queue.c quota.c ratelimit.c replica.c scheduler.c server.c session.c stats.c store.c
sync.c timerwheel.c ttl.c txn.c wal.c watch.c worker.c
```

About Giolit

We offer formal verification as a service: proofs of absence of run-time errors (overflow, division by zero, out-of-bounds access, invalid pointers, memory leaks) and of functional properties for C code, certificates for safety standards (DO-178C, ISO 26262, IEC 61508), and review of counterexamples with your engineers. Visit **www.giolit.com** or write to **business.giolitlabs@gmail.com**.



Giolit — Formal Verification Services

Mathematical proof that your software is free of run-time errors.

We offer formal verification as a service: proofs of absence of run-time errors (overflow, division by zero, out-of-bounds access, invalid pointers, memory leaks) and of functional properties for C code, certificates for safety standards (DO-178C, ISO 26262, IEC 61508), and review of counterexamples with your engineers.

 www.giolit.com

 business.giolitlabs@gmail.com



www.giolit.com

