



CVE-2021-33420

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Replicator](#) from [Replicator Project](#) contain the following vulnerability:

A deserialization issue discovered in inikulin replicator before 1.0.4 allows remote attackers to run arbitrary code via the fromSerializable function in TypedArray object.

CVE-2021-33420 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Merge pull request #17 from inikulin/sec · inikulin/replicator@2c62624 · GitHub	github.com text/html	MISC github.com/inikulin/replicator/commit/2c626242fb4a118855262c64b5731b2ce98e521b
fix: Avoid RCE when deserialising TypedArrays [closes #16][part of #12] by AndreyBelym · Pull Request #17 · inikulin/replicator · GitHub	github.com text/html	MISC github.com/inikulin/replicator/pull/17
Checkmarx Advisory	advisory.checkmarx.net text/html	MISC advisory.checkmarx.net/advisory/CX-2021-4787
Refactor the TypedArray deserializer to avoid RCE ·	github.com text/html	MISC github.com/inikulin/replicator/issues/16

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

This repository contains a collection of data files on known Common Vulnerabilities and Exposures (CVEs). Each file i...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Replicator Project	Replicator	All	All	All	All
cpe:2.3:a:replicator_project:replicator:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-33420 : A deserialization issue discovered in inikulin replicator before 1.0.4 allows remote attackers to... twitter.com/i/web/status/1...	2022-12-15 19:16:08
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2021-33420 ift.tt/hH4vjcz	2022-12-15 21:17:27
 /r/netcve	CVE-2021-33420	2022-12-15 20:42:39

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