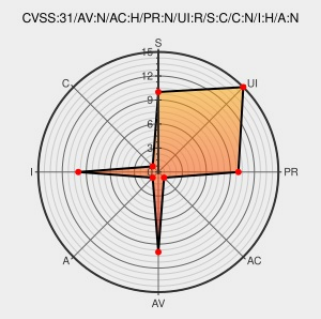
CVE-2021-32827

Published on: 08/16/2021 12:00:00 AM UTC

Last Modified on: 07/02/2022 06:21:00 PM UTC

CVE-2021-32827 - advisory for GHSL-2021-059

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Mockserver from Mock-server contain the following vulnerability:

MockServer is open source software which enables easy mocking of any system you integrate with via HTTP or HTTPS. An attacker that can trick a victim into visiting a malicious site while running MockServer locally, will be able to run arbitrary code on the MockServer machine. With an overly broad default CORS configuration MockServer allows any site to send cross-site requests. Additionally, MockServer allows you to create dynamic expectations using Javascript or Velocity templates. Both engines may allow an attacker to execute arbitrary code on-behalf of MockServer. By combining these two issues (Overly broad CORS configuration + Script injection), an attacker could serve a malicious page so that if a developer running MockServer visits it, they will get compromised. For more details including a PoC see the referenced GHSL-2021-059.

CVE-2021-32827 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **mock-server** - **mockserver** version **all**

CVSS3 Score: 9.6 - CRITICAL

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

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality	**Integrity**	**Availability**

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
GHSL-2021-059: Arbitrary code execution in MockServer - CVE-2021-32827 | GitHub Security Lab	securitylab.github.com text/html	CONFIRM securitylab.github.com/advisories/GHSL-2021-059-mockserver/
Oracle Critical Patch Update Advisory - January 2022	www.oracle.com text/html	MISC www.oracle.com/security-alerts/cpujan2022.html

Related QID Numbers

981431 Java (maven) Security Update for org.mock-server:mockserver (GHSA-v3cg-h3f6-2242)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mock-server	Mockserver	All	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	All

cpe:2.3:a:mock-server:mockserver:*:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:communications_cloud_native_core_policy:1.14.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@GHSecurityLab	GHSL-2021-059: Arbitrary code execution in MockServer - CVE-2021-32827 github.co/36P4D8W	2021-07-21 19:10:01
@CVEreport	CVE-2021-32827 : MockServer is open source software which enables easy mocking of any system you integrate with via… twitter.com/i/web/status/1…	2021-08-16 20:56:31
@LinInfoSec	Velocity - CVE-2021-32827: securitylab.github.com/advisories/GHS…	2021-08-16 22:25:38

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report