CVE-2021-27582

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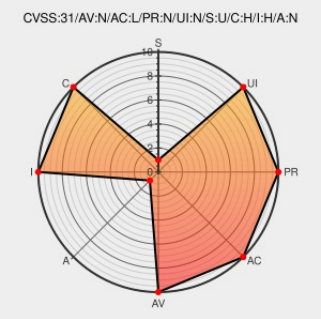
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Connect from Mitreid contain the following vulnerability:

org/mitre/oauth2/web/OAuthConfirmationController.java in the OpenID Connect server implementation for MITREid Connect through 1.3.3 contains a Mass Assignment (aka Autobinding) vulnerability. This arises due to unsafe usage of the @ModelAttribute annotation during the OAuth authorization flow, in which HTTP request parameters affect an authorizationRequest.

CVE-2021-27582 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
GreenDog's blog: Autobinding vulns and Spring MVC	Exploit, Third Party Advisory	MISC agrrrdog.blogspot.com/2017/03/autobinding-vulns-and-spring-mvc.html

	agrrrdog.blogspot.com text/html	
Fix Spring Autobinding vulnerability · mitreid-connect/OpenID-Connect-Java-Spring-Server@7eba3c1 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/mitreid-connect/OpenID-Connect-Java-Spring-Server/commit/7eba3c12fed82388f917e8dd9b73e86e3a311e4c
Hidden OAuth attack vectors | PortSwigger Research	portswigger.net text/html	MISC portswigger.net/research/hidden-oauth-attack-vectors

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Related QID Numbers

982592 Java (maven) Security Update for org.mitre:openid-connect-parent (GHSA-8p36-q63g-68qh)

Exploit/POC from Github

org/mitre/oauth2/web/OAuthConfirmationController.java in the OpenID Connect server implementation for MITREid Connect…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mitreid	Connect	All	All	All	All

cpe:2.3:a:mitreid:connect:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@RemotelyAlerts	Severity: ?? | org/mitre/oauth2/web/OAuthConfirmationCo... | CVE-2021-27582 | Link for more: alerts.remotelyrmm.com/CVE-2021-27582	2022-04-26 15:32:21

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