CVE-2021-43931

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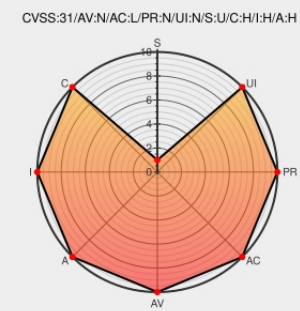
CVE-2021-43931 - advisory for ICSA-21-336-03

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



Certain versions of Webhmi from Webhmi contain the following vulnerability:

The authentication algorithm of the WebHMI portal is sound, but the implemented mechanism can be bypassed as the result of a separate weakness that is primary to the authentication error.

CVE-2021-43931 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as CRITICAL severity.

None

Affected Vendor/Software: **Distributed Data Systems** - **WebHMI** version **< 4.1**

Vulnerability Patch/Work Around

Distributed Data Systems recommends upgrading the platform software to the latest release, Version 4.1

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

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
Distributed Data Systems WebHMI | CISA	us-cert.cisa.gov text/html	MISC us-cert.cisa.gov/ics/advisories/icsa-21-336-03

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Related QID Numbers

590679 Distributed Data Systems WebHMI Multiple Vulnerabilities (ICSA-21-336-03)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Webhmi	Webhmi	-	All	All	All
Operating System	Webhmi	Webhmi Firmware	All	All	All	All

cpe:2.3:h:webhmi:webhmi:-:*:*:*:*:*:*:*:

cpe:2.3:o:webhmi:webhmi_firmware:*:*:*:*:*:*:*:*:

Discovery Credit

Marcin Dudek of CERT.PL reported these vulnerabilities to CISA.

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-43931 : The authentication algorithm of the WebHMI portal is sound, but the implemented mechanism can be b… twitter.com/i/web/status/1…	2021-12-06 18:02:24

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