



CVE-2021-43931

Published on: Not Yet Published

Last Modified on: 12/07/2021 01:30:00 AM UTC

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
<code>cpe:2.3:h:webhmi:webhmi:-:~::~~::~~::~~::~~::~~::~~:::</code>						
<code>cpe:2.3:o:webhmi:webhmi_firmware:~::~~::~~::~~::~~::~~::~~:::</code>						

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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