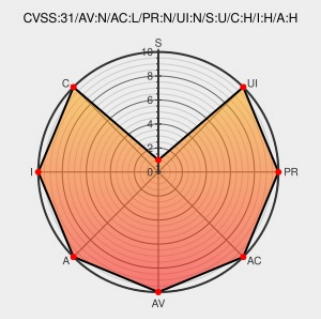
CVE-2020-5594

Published on: 06/23/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:03 PM UTC

CVE-2020-5594

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



Certain versions of Melsec-fx from Mitsubishielectric contain the following vulnerability:

Mitsubishi Electric MELSEC iQ-R, iQ-F, Q, L, and FX series CPU modules all versions contain a vulnerability that allows cleartext transmission of sensitive information between CPU modules and GX Works3 and/or GX Works2 via unspecified vectors.

CVE-2020-5594 has been assigned by vultures@jpcert.or.jp to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Mitsubishi Electric Corporation** - **MELSEC iQ-R, iQ-F, Q, L, and FX series CPU modules** version **all versions**

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
	Vendor Advisory www.mitsubishielectric.com	MISC www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2020-

	application/pdf	003_en.pdf
JVNVU#91424496: Mitsubishi Electric MELSEC iQ-R, iQ-F, Q, L, and FX series vulnerable to cleartext transmission of sensitive information	Third Party Advisory jvn.jp text/xml	MISC jvn.jp/en/vu/JVNVU91424496/index.html
	Vendor Advisory www.mitsubishielectric.co.jp application/pdf	MISC www.mitsubishielectric.co.jp/psirt/vulnerability/pdf/2020-003.pdf

Related QID Numbers

590626 Mitsubishi Electric MELSEC iQ-R, iQ-F, Q, L and FX Series CPU Modules (Update A) Uncontrolled Resource Consumption Vulnerability (ICSA-20-175-01)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Mitsubishielectric	Melsec-fx	-	All	All	All
Hardware	Mitsubishielectric	Melsec-fx	-	All	All	All
Operating System	Mitsubishielectric	Melsec-fx Firmware	All	All	All	All
Operating System	Mitsubishielectric	Melsec-fx Firmware	All	All	All	All
Hardware	Mitsubishielectric	Melsec-l	-	All	All	All
Hardware	Mitsubishielectric	Melsec-l	-	All	All	All
Operating System	Mitsubishielectric	Melsec-l Firmware	All	All	All	All
Operating System	Mitsubishielectric	Melsec-l Firmware	All	All	All	All
Hardware	Mitsubishielectric	Melsec-q	-	All	All	All
Hardware	Mitsubishielectric	Melsec-q	-	All	All	All
Operating System	Mitsubishielectric	Melsec-q Firmware	All	All	All	All
Operating System	Mitsubishielectric	Melsec-q Firmware	All	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-f	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-f	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-f Firmware	All	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-f Firmware	All	All	All	All

Hardware	Mitsubishielectric	Melsec Iq-r	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r Firmware	All	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r Firmware	All	All	All	All

cpe:2.3:h:mitsubishielectric:melsec-fx:-:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec-fx:-:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-fx_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-fx_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec-l:-:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec-l:-:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-l_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-l_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec-q:-:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec-q:-:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-q_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec-q_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec_iq-f:-:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec_iq-f:-:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec_iq-f_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec_iq-f_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec_iq-r:-:*:*:*:*:*:*:*:

cpe:2.3:h:mitsubishielectric:melsec_iq-r:-:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec_iq-r_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:mitsubishielectric:melsec_iq-r_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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