



CVE-2020-5652

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Summary

CVE	CVE-2020-5652
State	PUBLIC
Assigner	vultures@jpcert.or.jp
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-02 21:15:00 UTC
Updated	2020-11-19 17:50:00 UTC
Description	Uncontrolled resource consumption vulnerability in Ethernet Port on MELSEC iQ-R, Q and L series CPU modules (R 00/01,

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Mitsubishielectric	Melsec Iq-r00cpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r00cpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r00cpu Firmware	20	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r00cpu Firmware	20	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r01cpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r01cpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r01cpu Firmware	20	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r01cpu Firmware	20	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r02cpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r02cpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r02cpu Firmware	20	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r02cpu Firmware	20	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r04encpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r04encpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r04encpu Firmware	52	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r04encpu Firmware	52	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08encpu	-	All	All	All

Hardware	Mitsubishielectric	Melsec Iq-r08encpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08encpu Firmware	52	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08encpu Firmware	52	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08pcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08pcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08pcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08pcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08psfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08psfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08psfcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08psfcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08sfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r08sfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08sfcpu Firmware	22	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r08sfcpu Firmware	22	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120encpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120encpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120encpu Firmware	52	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120encpu Firmware	52	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120pcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120pcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120pcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120pcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120psfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120psfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120psfcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120psfcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120sfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r120sfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120sfcpu Firmware	22	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r120sfcpu Firmware	22	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16encpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16encpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16encpu Firmware	52	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16encpu Firmware	52	All	All	All

Hardware	Mitsubishielectric	Melsec Iq-r16mtcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16mtcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16mtcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16mtcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16pcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16pcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16pcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16pcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16psfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16psfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16psfcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16psfcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16sfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r16sfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16sfcpu Firmware	22	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r16sfcpu Firmware	22	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32encpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32encpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32encpu Firmware	52	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32encpu Firmware	52	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32mtcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32mtcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32mtcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32mtcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32pcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32pcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32pcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32pcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32psfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32psfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32psfcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32psfcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32sfcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r32sfcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r32sfcpu Firmware	22	All	All	All

Operating System	Mitsubishielectric	Melsec Iq-r32stcpu Firmware	22	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r64mtcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Iq-r64mtcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r64mtcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Iq-r64mtcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec L02cpu-p	-	All	All	All
Hardware	Mitsubishielectric	Melsec L02cpu-p	-	All	All	All
Operating System	Mitsubishielectric	Melsec L02cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec L02cpu-p Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec L06cpu-p	-	All	All	All
Hardware	Mitsubishielectric	Melsec L06cpu-p	-	All	All	All
Operating System	Mitsubishielectric	Melsec L06cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec L06cpu-p Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec L26cpu-p	-	All	All	All
Hardware	Mitsubishielectric	Melsec L26cpu-p	-	All	All	All
Hardware	Mitsubishielectric	Melsec L26cpu-pbt	-	All	All	All
Hardware	Mitsubishielectric	Melsec L26cpu-pbt	-	All	All	All
Operating System	Mitsubishielectric	Melsec L26cpu-pbt Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec L26cpu-pbt Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec L26cpu-p Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec L26cpu-p Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q03udecpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q03udecpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q03udecpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q03udecpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q03udvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q03udvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q03udvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q03udvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q04udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q04udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udpvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udpvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q04udpvcpu Firmware	22031	All	All	All

Operating System	Mitsubishielectric	Melsec Q-q04udpvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q04udvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q04udvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q04udvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q06udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q06udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q06udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q06udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q06udpvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q06udpvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q06udpvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q06udpvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q100udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q100udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q100udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q100udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q10udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q10udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q10udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q10udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udpvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udpvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udpvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udpvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q13udvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q13udvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q170mcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q170mcpu	-	All	All	All

Operating System	Mitsubishielectric	Melsec Q-q170mcpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q170mcpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q170mscpu-s1	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q170mscpu-s1	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q170mscpu-s1 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q170mscpu-s1 Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q172dcpu-s1	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q172dcpu-s1	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q172dcpu-s1 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q172dcpu-s1 Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q172dscpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q172dscpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q172dscpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q172dscpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q173dcpu-s1	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q173dcpu-s1	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q173dcpu-s1 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q173dcpu-s1 Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q173dscpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q173dscpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q173dscpu Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q173dscpu Firmware	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q20udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q20udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q20udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q20udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udpvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udpvcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udpvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udpvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udvcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q26udvcpu	-	All	All	All

Hardware	mitsubishielectric	melsec q-q26uavcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udvcpu Firmware	22031	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q26udvcpu Firmware	22031	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q50udehcpu	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-q50udehcpu	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q50udehcpu Firmware	22081	All	All	All
Operating System	Mitsubishielectric	Melsec Q-q50udehcpu Firmware	22081	All	All	All
Hardware	Mitsubishielectric	Melsec Q-qmr-mq100	-	All	All	All
Hardware	Mitsubishielectric	Melsec Q-qmr-mq100	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-qmr-mq100 Firmware	-	All	All	All
Operating System	Mitsubishielectric	Melsec Q-qmr-mq100 Firmware	-	All	All	All

References		
Reference	Source	Link
www.mitsubishielectric.co.jp/psirt/vulnerability/pdf/2020-013.pdf	MISC	www.mitsubishielectric.c
JVNVU#96558207: 三菱電機製 MELSEC iQ-R、Q および L シリーズにおけるリソース枯渇の脆弱性	MISC	jvn.jp
www.mitsubishielectric.com/en/psirt/vulnerability/pdf/2020-013_en.pdf	MISC	www.mitsubishielectric.c
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings
590633 Mitsubishi Electric MELSEC iQ-R, Q and L Series (Update A) Denial of Service (DoS) Vulnerability (ICSA-20-303-01)