



CVE-2021-29998

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-29998
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-13 17:15:00 UTC
Updated	2022-10-05 16:33:00 UTC
Description	An issue was discovered in Wind River VxWorks before 6.5. There is a possible heap overflow in dhcp client.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Siemens	Ruggedcom Win Subscriber Station	-	All	All	All
Operating System	Siemens	Ruggedcom Win Subscriber Station Firmware	All	All	All	All
Hardware	Siemens	Scalance X200-4 P Irt	-	All	All	All
Operating System	Siemens	Scalance X200-4 P Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X201-3p Irt	-	All	All	All
Operating System	Siemens	Scalance X201-3p Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X201-3p Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X201-3p Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X202-2p Irt	-	All	All	All
Operating System	Siemens	Scalance X202-2p Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X202-2p Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X202-2p Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X202-2 Irt	-	All	All	All
Operating System	Siemens	Scalance X202-2 Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2	-	All	All	All
Hardware	Siemens	Scalance X204-2fm	-	All	All	All
Operating System	Siemens	Scalance X204-2fm Firmware	All	All	All	All

Hardware	Siemens	Scalance X204-2Id	-	All	All	All
Operating System	Siemens	Scalance X204-2Id Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2Id Ts	-	All	All	All
Operating System	Siemens	Scalance X204-2Id Ts Firmware	All	All	All	All
Hardware	Siemens	Scalance X204-2ts	-	All	All	All
Operating System	Siemens	Scalance X204-2ts Firmware	All	All	All	All
Operating System	Siemens	Scalance X204-2 Firmware	All	All	All	All
Hardware	Siemens	Scalance X204 Irt	-	All	All	All
Operating System	Siemens	Scalance X204 Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance X204 Irt Pro	-	All	All	All
Operating System	Siemens	Scalance X204 Irt Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X206-1	-	All	All	All
Hardware	Siemens	Scalance X206-1Id	-	All	All	All
Operating System	Siemens	Scalance X206-1Id Firmware	All	All	All	All
Operating System	Siemens	Scalance X206-1 Firmware	All	All	All	All
Hardware	Siemens	Scalance X208	-	All	All	All
Operating System	Siemens	Scalance X208 Firmware	All	All	All	All
Hardware	Siemens	Scalance X208 Pro	-	All	All	All
Operating System	Siemens	Scalance X208 Pro Firmware	All	All	All	All
Hardware	Siemens	Scalance X212-2	-	All	All	All
Hardware	Siemens	Scalance X212-2Id	-	All	All	All
Operating System	Siemens	Scalance X212-2Id Firmware	All	All	All	All
Operating System	Siemens	Scalance X212-2 Firmware	All	All	All	All
Hardware	Siemens	Scalance X216	-	All	All	All
Operating System	Siemens	Scalance X216 Firmware	All	All	All	All
Hardware	Siemens	Scalance X224	-	All	All	All
Operating System	Siemens	Scalance X224 Firmware	All	All	All	All
Hardware	Siemens	Scalance X300	-	All	All	All
Operating System	Siemens	Scalance X300 Firmware	All	All	All	All
Hardware	Siemens	Scalance X408	-	All	All	All
Operating System	Siemens	Scalance X408 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf201-3p Irt	-	All	All	All
Operating System	Siemens	Scalance Xf201-3p Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf202-2p Irt	-	All	All	All
Operating System	Siemens	Scalance Xf202-2p Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf204	-	All	All	All

Hardware	Siemens	Scalance X1204	-	All	All	All
Hardware	Siemens	Scalance Xf204-2	-	All	All	All
Hardware	Siemens	Scalance Xf204-2ba Irt	-	All	All	All
Operating System	Siemens	Scalance Xf204-2ba Irt Firmware	All	All	All	All
Operating System	Siemens	Scalance Xf204-2 Firmware	All	All	All	All
Operating System	Siemens	Scalance Xf204 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf204 Irt	-	All	All	All
Operating System	Siemens	Scalance Xf204 Irt Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf206-1	-	All	All	All
Operating System	Siemens	Scalance Xf206-1 Firmware	All	All	All	All
Hardware	Siemens	Scalance Xf208	-	All	All	All
Operating System	Siemens	Scalance Xf208 Firmware	All	All	All	All
Hardware	Siemens	Simatic Rf 181 Eip	-	All	All	All
Operating System	Siemens	Simatic Rf 181 Eip Firmware	All	All	All	All
Hardware	Siemens	Simatic Rf 182c	-	All	All	All
Operating System	Siemens	Simatic Rf 182c Firmware	All	All	All	All
Hardware	Siemens	Sinamics Perfect Harmony Gh180	-	All	All	All
Operating System	Siemens	Sinamics Perfect Harmony Gh180 Firmware	All	All	All	All
Operating System	Windriver	Vxworks	All	All	All	All

References

Reference	Source	Link	Tags
cert-portal.siemens.com/productcert/pdf/ssa-560465.pdf	CONFIRM	cert-portal.siemens.com	
cert-portal.siemens.com/productcert/pdf/ssa-910883.pdf	CONFIRM	cert-portal.siemens.com	
Safety and Security Notices - Wind River Support Network	MISC	support2.windriver.com	
Siemens VxWorks-based Industrial Products CISA	MISC	us-cert.cisa.gov	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[590758](#) Siemens VxWorks-based Industrial Products Vulnerability (ICSA-21-194-12) (SSA-560465)

[590865](#) Mitsubishi Electric MELSEC-Q Series C Controller Module Vulnerability (ICSA-22-102-02) (2022-001)

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