



CVE-2020-6989

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Summary

CVE	CVE-2020-6989
State	PUBLIC
Assigner	ics-cert@hq.dhs.gov
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-24 19:15:00 UTC
Updated	2020-03-26 19:46:00 UTC
Description	In Moxa PT-7528 series firmware, Version 4.0 or lower, and PT-7828 series firmware, Version 3.9 or lower, a buffer overflow

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-12msc-12tx-4gsfp-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-12msc-12tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12msc-12tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-12msc-12tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-12msc-12tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-12mst-12tx-4gsfp-hv-hv Firmware	All	All	All	All

Operating System	Moxa	Pt-7528-12mst-12tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-12mst-12tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-12mst-12tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-12mst-12tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-16msc-8tx-4gsfp-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-16msc-8tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16msc-8tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-16msc-8tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-16msc-8tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-16mst-8tx-4gsfp-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-16mst-8tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-16mst-8tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-16mst-8tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-16mst-8tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-20msc-4tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-20msc-4tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-20msc-4tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-20msc-4tx-4gsfp-hv-hv	-	All	All	All

Hardware	Moxa	Pt-/528-8msc-16tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-8msc-16tx-4gsfp-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-8msc-16tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8msc-16tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-8msc-16tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-8msc-16tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-8mst-16tx-4gsfp-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-8mst-16tx-4gsfp-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8mst-16tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-8mst-16tx-4gsfp-wv-wv Firmware	All	All	All	All
Operating System	Moxa	Pt-7528-8mst-16tx-4gsfp-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-8ssc-16tx-4gsfp-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7528-8ssc-16tx-4gsfp-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7528-8ssc-16tx-4gsfp-hv-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7528-8ssc-16tx-4gsfp-wv-wv	-	All	All	All
Hardware	Moxa	Pt-7528-8ssc-16tx-4gsfp-wv-wv	-	All	All	All
Operating System	Moxa	Pt-7528-8ssc-16tx-4gsfp-wv-wv Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-f-24	-	All	All	All
Hardware	Moxa	Pt-7828-f-24	-	All	All	All
Hardware	Moxa	Pt-7828-f-24-24	-	All	All	All
Hardware	Moxa	Pt-7828-f-24-24	-	All	All	All
Operating System	Moxa	Pt-7828-f-24-24 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-f-24-hv	-	All	All	All

Hardware	Moxa	Pt-7828-f-24-hv	-	All	All	All
Operating System	Moxa	Pt-7828-f-24-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7828-f-24 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-f-48	-	All	All	All
Hardware	Moxa	Pt-7828-f-48	-	All	All	All
Hardware	Moxa	Pt-7828-f-48-48	-	All	All	All
Hardware	Moxa	Pt-7828-f-48-48	-	All	All	All
Operating System	Moxa	Pt-7828-f-48-48 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-f-48-hv	-	All	All	All
Hardware	Moxa	Pt-7828-f-48-hv	-	All	All	All
Operating System	Moxa	Pt-7828-f-48-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7828-f-48 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-f-hv	-	All	All	All
Hardware	Moxa	Pt-7828-f-hv	-	All	All	All
Hardware	Moxa	Pt-7828-f-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7828-f-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7828-f-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7828-f-hv Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-r-24	-	All	All	All
Hardware	Moxa	Pt-7828-r-24	-	All	All	All
Hardware	Moxa	Pt-7828-r-24-24	-	All	All	All
Hardware	Moxa	Pt-7828-r-24-24	-	All	All	All
Operating System	Moxa	Pt-7828-r-24-24 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-r-24-hv	-	All	All	All
Hardware	Moxa	Pt-7828-r-24-hv	-	All	All	All
Operating System	Moxa	Pt-7828-r-24-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7828-r-24 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-r-48	-	All	All	All
Hardware	Moxa	Pt-7828-r-48	-	All	All	All
Hardware	Moxa	Pt-7828-r-48-48	-	All	All	All
Hardware	Moxa	Pt-7828-r-48-48	-	All	All	All
Operating System	Moxa	Pt-7828-r-48-48 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-r-48-hv	-	All	All	All
Hardware	Moxa	Pt-7828-r-48-hv	-	All	All	All
Operating System	Moxa	Pt-7828-r-48-hv Firmware	All	All	All	All

Operating System	Moxa	Pt-7828-r-48 Firmware	All	All	All	All
Hardware	Moxa	Pt-7828-r-hv	-	All	All	All
Hardware	Moxa	Pt-7828-r-hv	-	All	All	All
Hardware	Moxa	Pt-7828-r-hv-hv	-	All	All	All
Hardware	Moxa	Pt-7828-r-hv-hv	-	All	All	All
Operating System	Moxa	Pt-7828-r-hv-hv Firmware	All	All	All	All
Operating System	Moxa	Pt-7828-r-hv Firmware	All	All	All	All

References			
Reference	Source	Link	Tags
Moxa PT-7528 and PT-7828 Series Ethernet Switches CISA	MISC	www.us-cert.gov	Third Party Advisory, US Government Resou
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
591386 Moxa PT-7528 and PT-7828 Series Ethernet Switches Use of Hard-coded Credentials Multiple Vulnerabilities (ICSA-20-056-03, MPSA-190904)