

Preliminary

EDS-G508E, EDS-G512E, and EDS-G516E Series Ethernet Switches Vulnerabilities

Summary

Version: 1.0

One product vulnerability was identified in Moxa’s EDS-G508E, EDS-G512E, and EDS-G516E Series Ethernet Switches. In response to this, Moxa has developed a related solution to address the vulnerability.

The identified vulnerability type and potential impact is shown below:

Item	Vulnerability Type	Impact
1	Denial of service by PROFINET DCE-RPC endpoint discovery packets.	To exploit this vulnerability, the attacker may cause the target device to go out of service.

Affected Products and Solutions

Affected Products

The affected products and firmware versions are shown below.

Product Series	Affected Versions
EDS-G508E Series EDS-G512E Series EDS-G516E Series	Firmware Version 6.0 or lower

Solutions

Moxa has developed appropriate solutions to address the vulnerabilities. The solutions for affected products are shown below.

Product Series	Solutions
EDS-G508E Series EDS-G512E Series EDS-G516E Series	Please contact Moxa Technical Support for the security patch.

Acknowledgment

We would like to express our appreciation to Yuval Ardon and Matan Dobrushin of Otorio for reporting the vulnerability, working with us to help enhance the security of our products, and helping us provide a better service to our customers.

Revision History

Version	Description	Release Date
1.0	First release	Nov XX, 2019