Schneider
Electric

Important Security Notification

Security Notification – ConneXium Firewall

26-Oct-2016

Overview

Schneider Electric has become aware of a vulnerability in the ConneXium firewall product.

Vulnerability Overview

ConneXium Firewalls are vulnerable to buffer overflow that can be triggered during the SNMP login authentication process.

Product(s) Affected

The products affected:

- TCSEFEC23F3F20 all versions
- TCSEFEC23F3F21 all versions
- TCSEFEC23FCF20 all versions
- TCSEFEC23FCF21 all versions
- TCSEFEC2CF3F20 all versions

Vulnerability Details

ConneXium Firewalls are vulnerable to buffer overflow that can be triggered during the SNMP login authentication process.

Overall CVSS Score: 9.5

(AV:N/AC:L/Au:S/C:C/I:C/A:C/ E:H/RL:U/RC:C/DP:H/TD:M/CR:L/IR:L/AR:H)

Mitigation

Resolution

Please contact your local Schneider Electric representative for the latest firmware, which contains a fix for this vulnerability.

Workaround

1) Disable RADIUS for user authentication: If RADIUS authentication is disabled for user authentication, the vulnerability is not exploitable.
2) Allow web server access (login requests) from known IP addresses / network only: If the access to the web server can be restricted from known IP addresses and networks, the access from "outside"/" unknown" network can be avoided.
3) Disable Web Server: Alternatively, if you don't need the web service you can disable the web server.

For More Information

Schneider Electric has been designing industrial automation products for many years and recommends to its customers, industry best practices in the development and implementation of control systems. This recommendation includes a Defense in Depth approach to secure an Industrial Control System. Please read the following document for more detailed information:

http://www.schneider-electric.com/ww/en/download/document/ STN%20v2

For further information on vulnerabilities in Schneider Electric's products, please visit Schneider Electric's cybersecurity web page at http://www2.schneider-electric.com/sites/corporate/en/support/cybersecurity/cybersecurity.page

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