Security Notification – Samba

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Overview

Schneider Electric has become aware of a critical vulnerability in the daemon that offers file sharing capabilities in Samba. Samba is a suite of tools that helps in the interoperability between UNIX with Microsoft Windows allowing Linux, Mac and FreeBSD users to set up and share folders on Windows computers using the server message block (SMB) protocol. Experts say the vulnerability can be exploited with just one line of code and has the potential to spread quickly. Samba versions 3.5 (released March 1, 2010) and onwards are impacted. Schneider Electric is currently working on accessing the impact.

Vulnerability Details

The vulnerability allows an attacker to open a SMB share (TCP/445), upload a shared library to the writable share, and then cause the server to load and execute it.

CVE ID: CVE-2017-7494: http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-7494

To determine if you are potentially impacted by this vulnerability, you should check your Linux-based systems for SMB running over the following ports:

- TCP port 445
- NetBIOS API over UDP ports 137, 138, TCP ports 137, 139, or legacy protocols such as NBF or IPX/SPX

Samba Disclosure: https://www.samba.org/samba/security/CVE-2017-7494.html

For More Information

To obtain full details on the issues and assistance on how to protect your installation, please contact your local Schneider Electric representative. These organizations will be fully aware of the situation and can support you through the process.

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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