



Security Bulletin

Updated 20/12/2024

Robustel has released a firmware security update for all RobustOS devices. This update addresses an OpenSSH and OpenSSL security issue in the RobustOS firmware.

If you are utilizing Public IP SIMs or believe that your network requires enhanced protection, we recommend downloading and installing the latest firmware update through the RCMS. Should you have any questions or need assistance, please do not hesitate to contact the Robustel Support Team.

DETAILS

This section summarizes the potential impact that this security update addresses. Descriptions use CWE™, and base scores and vectors use CVSS3.0 standards.

CVE IDs	Summary	Base Score	Vector
CVE-2024-6387	A security regression (CVE-2006-5051) was discovered in OpenSSH's server (sshd). There is a race condition which can lead sshd to handle some signals in an unsafe manner. An unauthenticated, remote attacker may be able to trigger it by failing to authenticate within a set time period.	8.1	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H
CVE-2024-0727	Issue summary: Processing a maliciously formatted PKCS12 file may lead OpenSSL to crash leading to a potential Denial of Service attack. Impact summary: Applications loading files in the PKCS12 format from untrusted sources might terminate abruptly.	5.5	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

SECURITY UPDATES

The following table lists the products affected, versions affected, and the updated version that includes this security update.

Download the updates from the RCMS and Robustel official Website

CVE IDs Addressed	Vulnerability Report Date	Product Name	Affected Versions	Updated Version
CVE-2024-6387	01/07/2024	All RobustOS Devices	V3.x and V5.x	V5.3.3
CVE-2024-0727	26/01/2024	All RobustOS Devices	V3.x and V5.x	V5.3.3

MITIGATION

Upgrade to version V5.3.3

INITIAL PUBLICATION DATE

December 20, 2024

REVISION HISTORY

Revision	Date	Description
1.0	December 20, 2024	Initial release

SUPPORT

For any inquiries regarding this security bulletin, please reach out to the Robustel Support Team.