

Security Bulletin

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Project: RITTAL ReOS1 - PDU3

Version: v10.1.3

Compared against: v10.1.2

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Classification: TLP:CLEAR



Summary

This bulletin documents 1 security vulnerabilities (1 High) that were fixed in RITTAL ReOS1 - PDU3 version v10.1.3 compared to version v10.1.2. Rittal recommends updating to the latest firmware version.

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Affected Products (Article Numbers)

Article Number	Description
7979.202	PDU metered, 16A/230V, 1~, 16A, 6xC13 (19")
7979.203	PDU metered, 16A/230V, 1~, CEE 7/3: 4 x Schuko
7979.204	PDU metered, 32A/230V, 1~, 4xC13 + 2xC19
7979.210	PDU metered, 16A/230V, 1~, 12xC13 + 1xC19
7979.211	PDU metered, 16A/230V, 1~, CEE7/3: 10 x Schuko
7979.212	PDU metered, 32A/230V, 1~, 16 x C13 + 2 x C19
7979.213	PDU metered, 32A/230V, 1~, 12 x C13 + 4 x C19
7979.214	PDU metered, 32A/230V, 1~, CEE7/3: 16 x Schuko
7979.215	PDU metered, 16A/230V, 1~, 24 x C13 + 4 x C19
7979.216	PDU metered, 32A/230V, 1~, 24 x C13 + 4 x C19
7979.217	PDU metered, 16A/230V, 1~, 12xC13 + 1xC19
7979.218	PDU metered, Basis-Stromverteilung, BLT: 44x1095x70, IEC 60320: 18xC13, 2 C19
7979.230	PDU metered, 16A/400V, 3~, 9 x C19
7979.231	PDU metered, 32A/400V, 3~, 12 x C19
7979.232	PDU metered, 16A/400V, 3~, 6 x C13 + 6 x C19
7979.233	PDU metered, 16A/400V, 3~, CEE 7/3: 18 x Schuko
7979.234	PDU metered, 32A/400V, 3~, CEE7/3: 24 x Schuko
7979.235	PDU metered, 16A/400V, 3~, 18 x C13 + 3 x C19
7979.236	PDU metered, 16A/400V, 3~, 24 x C13 + 6 x C19
7979.237	PDU metered, 32A/400V, 3~, 24 x C13 + 6 x C19
7979.238	PDU metered, 16A/400V, 3~, 18 x C13 + 12 x C19
7979.239	PDU metered, 32A/400V, 3~, 12 x C13 + 12 x C19
7979.240	PDU metered, 16A/400V, 3~, 36 x C13 + 6 x C19
7979.242	PDU metered, 16A/400V, 3~, 42 x C13
7979.256	PDU metered RCM, 32A/230V, 1~, 24 x C13 + 4 x C19

Article Number	Description
7979.276	PDU metered, 16A/400V, 3~, 24 x C13 + 6 x C19
7979.302	PDU switched, 16A/230V, 1~, 6 x C13
7979.303	PDU switched, 16A/230V, 1~, CEE 7/3: 4 x Schuko
7979.304	PDU switched, 32A/230V, 1~, 4 x C13 + 2 x C19
7979.310	PDU switched, 16A/230V, 1~, 12 x C13 + 1 x C19
7979.311	PDU switched, 16A/230V, 1~, CEE7/3: 10 x Schuko
7979.312	PDU switched, 32A/230V, 1~, 16 x C13 + 2 x C19
7979.313	PDU switched, 32A/230V, 1~, 12 x C13 + 4 x C19
7979.314	PDU switched, 32A/230V, 1~, CEE7/3: 16 x Schuko
7979.315	PDU switched, 16A/230V, 1~, 24 x C13 + 4 x C19
7979.316	PDU switched, 32A/230V, 1~, 24 x C13 + 4 x C19
7979.317	PDU switched, 16A/230V, 1~, 12 x C13 + 1 x C19
7979.318	PDU switched, 16A/230V, 1~, 18 x C13 + 2 x C19
7979.330	PDU switched, 16A/400V, 3~, 9 x C19
7979.331	PDU switched, 32A/400V, 3~, 12 x C19
7979.332	PDU switched, 16A/400V, 3~, 6 x C13 + 6 x C19
7979.333	PDU switched, 16A/400V, 3~, CEE 7/3: 18 x Schuko
7979.334	PDU switched, 32A/400V, 3~, CEE 7/3: 24 x Schuko
7979.335	PDU switched, 16A/400V, 3~, 18 x C13 + 3 x C19
7979.336	PDU switched, 16A/400V, 3~, 24 x C13 + 6 x C19
7979.337	PDU switched, 32A/400V, 3~, 24 x C13 + 6 x C19
7979.338	PDU switched, 16A/400V, 3~, 18 x C13 + 12 x C19
7979.339	PDU switched, 32A/400V, 3~, 12 x C13 + 12 x C19
7979.340	PDU switched, 16A/400V, 3~, 36 x C13 + 6 x C19
7979.342	PDU switched, 16A/400V, 3~, 42 x C13
7979.402	PDU managed, 16A/230V, 1~, 6 x C13
7979.403	PDU managed, 16A/230V, 1~, CEE 7/3: 4 x Schuko
7979.404	PDU managed, 32A/230V, 1~, 4 x C13 + 2 x C19
7979.410	PDU managed, 16A/230V, 1~, 12 x C13 + 1 x C19
7979.411	PDU managed, 16A/230V, 1~, CEE 7/3: 10 x Schuko
7979.412	PDU managed, 32A/230V, 1~, 16 x C13 + 2 x C19
7979.413	PDU managed, 32A/230V, 1~, 12 x C13 + 4 x C19
7979.414	PDU managed, 32A/230V, 1~, CEE 7/3: 16 x Schuko
7979.415	PDU managed, 16A/230V, 1~, 24 x C13 + 4 x C19
7979.416	PDU managed, 32A/230V, 1~, 24 x C13 + 4 x C19
7979.417	PDU managed, 16A/230V, 1~, 12 x C13 + 1 x C19
7979.418	PDU managed, 16A/230V, 1~, 18 x C13 + 2 x C19
7979.430	PDU managed, 16A/400V, 3~, 9 x C19
7979.431	PDU managed, 32A/400V, 3~, 12 x C19
7979.432	PDU managed, 16A/400V, 3~, 6 x C13 + 6 x C19
7979.433	PDU managed, 16A/400V, 3~, CEE7/3: 18 x Schuko
7979.434	PDU managed, 32A/400V, 3~, CEE 7/3: 24 x Schuko
7979.435	PDU managed, 16A/400V, 3~, 18 x C13 + 3 x C19
7979.436	PDU managed, 16A/400V, 3~, 24 x C13 + 6 x C19

Article Number	Description
7979.437	PDU managed, 32A/400V, 3~, 24 x C13 + 6 x C19
7979.438	PDU managed, 16A/400V, 3~, 18 x C13 + 12 x C19
7979.439	PDU managed, 32A/400V, 3~, 12 x C13 + 12 x C19
7979.440	PDU managed, 16A/400V, 3~, 36 x C13 + 6 x C19
7979.442	PDU managed, 16A/400V, 3~, 42 x C13
7979.502	PDU metered plus, 16A/230V, 1~, 6x C13
7979.503	PDU metered plus, 16A/230V, 1~, CEE 7/3: 4 x Schuko
7979.504	PDU metered plus, 32A/230V, 1~, 4 x C13 + 2 x C19
7979.510	PDU metered plus, 16A/230V, 1~, 12 x C13 + 1 x C19
7979.511	PDU metered plus, 16A/230V, 1~, CEE 7/3: 10 x Schuko
7979.512	PDU metered plus, 32A/230V, 1P~, 16 x C13 + 2 x C19
7979.513	PDU metered plus, 32A/230V, 1~, 12 x C13 + 4 x C19
7979.514	PDU metered plus, 32A/230V, 1~, CEE 7/3: 16 x Schuko
7979.515	PDU metered plus, 16A/230V, 1~, 24 x C13 + 4 x C19
7979.516	PDU metered plus, 32A/230V, 1~, 24 x C13 + 4 x C19
7979.530	PDU metered plus, 16A/400V, 3~, 9 x C19
7979.531	PDU metered plus, 32A/400V, 3~, 12 x C19
7979.532	PDU metered plus, 16A/400V, 3~, 6 x C13 + 6 x C19
7979.533	PDU metered plus, 16A/400V, 3~, CEE 7/3: 18 x Schuko
7979.534	PDU metered plus, 32A/400V, 3~, CEE 7/3: 24 x Schuko
7979.535	PDU metered plus, 16A/400V, 3~, 18 x C13 + 3 x C19
7979.536	PDU metered plus, 16A/400V, 3~, 24 x C13 + 6 x C19
7979.537	PDU metered plus, 32A/400V, 3~, 24 x C13 + 6 x C19
7979.538	PDU metered plus, 16A/400V, 3~, 18 x C13 + 12 x C19
7979.539	PDU metered plus, 32A/400V, 3~, 12 x C13 + 12 x C19
7979.540	PDU metered plus, 16A/400V, 3~, 36 x C13 + 6 x C19
7979.542	PDU metered plus, 16A/400V, 3~, 42 x C13
7979.821	PDU basic UK 13A/230V, 1~, UK Plug 16x BS1363
7979.822	PDU basic UK 16A/230V, 1~, UK CEE 16x BS1363, IEC 60 320: 4 x C 19
7979.823	PDU basic UK 32A/230V, 1~, UK CEE 16x BS1363, IEC 60 320: 4x C19

Fixed Vulnerabilities Overview

All	Critical	High	Medium	Low
1	0	1	0	0

Fixed Vulnerabilities

CVE	Severity	CVSS	CVSS Vector	Component	Description
CVE-2025-15467	HIGH	8.8	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H	openssl 3.2.6	Issue summary: Parsing CMS AuthEnvelopedData or EnvelopedData message with maliciously crafted AEAD parameters can trigger a stack buffer overflow. Impact summary: A stack buffer overflow may lead to a crash, causing Denial of Service, or potentially remote code execution. When parsing CMS (Auth)EnvelopedData structures that use AEAD ciphers such as AES-GCM, the IV (Initialization Vector) encoded in the ASN.1 parameters is copied into a fixed-size stack buffer without verifying that its length fits the destination. An attacker can supply a crafted CMS message with an oversized IV, causing a stack-based out-of-bounds write before any authentication or tag verification occurs. Applications and services that parse untrusted CMS or PKCS#7 content using AEAD ciphers (e.g., S/MIME (Auth)EnvelopedData with AES-GCM) are vulnerable. Because the overflow occurs prior to authentication, no valid key material is required to trigger it. While exploitability to remote code execution depends on platform and toolchain mitigations, the stack-based write primitive represents a severe risk. The FIPS modules in 3.6, 3.5, 3.4, 3.3 and 3.0 are not affected by this issue, as the CMS implementation is outside the OpenSSL FIPS module boundary. OpenSSL 3.6, 3.5, 3.4, 3.3 and 3.0 are vulnerable to this issue. OpenSSL 1.1.1 and 1.0.2 are not affected by this issue.

Recommended Actions

Rittal recommends updating affected devices to firmware version **v10.1.3** or later to address the vulnerabilities listed in this bulletin.

Contact

For questions regarding this bulletin, please contact:

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