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Date: Wed, 12 Aug 2020 16:07:36 +0300

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Subject: CVE-2020-12100: Dovecot IMAP server: Receiving mail with deeply nested MIME parts leads to resource exhaustion

Open-Xchange Security Advisory 2020-08-12

Affected product: Dovecot IMAP server

Internal reference: DOE-1849 (Bug ID)

Vulnerability type: Uncontrolled recursion (CWE-674)

Vulnerable version: 2.0

Vulnerable component: submission, lmtp, lda

Fixed version: 2.3.11.3

Report confidence: Confirmed

Solution status: Fix available

Vendor notification: 2020-04-23

CVE reference: CVE-2020-12100

CVSS: 7.5 (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H)

Vulnerability Details:

Receiving mail with deeply nested MIME parts leads to resource exhaustion as Dovecot attempts to parse it.

Risk:

Malicious actor can cause denial of service to mail delivery by repeatedly sending mails with bad content.

Workaround:

Limit MIME structures in MTA.

Solution:

Upgrade to fixed version.

Best regards,

Aki Tuomi

Open-Xchange oy

Download attachment "[signature.asc](#)" of type "application/pgp-signature" (489 bytes)

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