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MXE-3500 CVE-2013-5211 allowing info to be sent about server CSCum71311

Description

Symptom:

A vulnerability in Network Time Protocol (NTP) package of Cisco MXE Software could allow an unauthenticated, remote attacker to cause a Denial of Service (DoS) condition on an affected device.

Customer Visible

Save Bug

Open Support Case

The vulnerability is due to processing of MODE_PRIVATE (Mode 7) NTP control messages which have a large amplification vector. An attacker could exploit this vulnerability by sending Mode 7 control requests to NTP servers and observing responses amplified up to 5500 times in size. An exploit could allow the attacker to cause a Denial of Service (DoS) condition where the affected NTP server is forced to process and respond with large response data.

Conditions:

All releases

Workaround:

edit /etc/ntp.conf in the linux vm adding a "restrict default noquery" to not allow the IP address of the NTP server to be collected.

PSIRT Evaluation:

The Cisco PSIRT has assigned this bug the following CVSS version 2 score. The Base and Temporal CVSS scores as of the time of evaluation are

5/4.5:
<https://intellishield.cisco.com/security/alertmanager/cvssCalculator.do?dispatch=1&version=2&vector=AV:N/AC:L/Au:N/C:N/I:N/A:P/E:F/RL:W/RC:C>
CVE ID CVE-2013-5211 has been assigned to document this issue.

Additional details about the vulnerability described here can be found at:
<http://tools.cisco.com/security/center/content/CiscoSecurityNotice/CVE-2013-5211>

Additional information on Cisco's security vulnerability policy can be found at the following URL:
http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

Was the description about this Bug Helpful? (0)

Details

Last Modified: Feb 11,2014	Known Affected Releases: (1) 3.3.2	Known Fixed Releases: (0) Download software for Cisco MXE 3000 Series (Media Experience Engines)
Status: Open		
Severity: 3 Moderate		
Product: Cisco MXE 3000 Series (Media Experience Engines)		
Support Cases: 0		

Community Discussion on CSCum71311 - Cisco Support Community

0 Discussion(s)

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