

# Cisco IOS

## XR 9000 Concurrent Data Management (CDM) Gateway Protocol (BGP) Vulnerability



**Severity:** Medium  
**Product:** Cisco-SA-20150721-CVE-2015-4284  
**Published:** 2015-07-21 21:58  
**Version:** 1.0 : Final  
**CVSS:** 5.0  
**Workarounds:** No Workarounds available  
**Cisco ID:** [CSCur70670](#) [CVE-2015-4284](#)

**Summary:** A vulnerability exists in the Concurrent Data Management (CDM) Gateway Protocol (BGP) of Cisco IOS XR 9000 series routers. An attacker can exploit this vulnerability to cause a denial of service (DoS) by sending a specially crafted BGP update message to the router. The vulnerability is caused by a buffer overflow in the BGP update message processing code.

### Details

The vulnerability is located in the Concurrent Data Management (CDM) Gateway Protocol (BGP) of Cisco IOS XR 9000 series routers. The vulnerability is caused by a buffer overflow in the BGP update message processing code. An attacker can exploit this vulnerability to cause a denial of service (DoS) by sending a specially crafted BGP update message to the router. The vulnerability is caused by a buffer overflow in the BGP update message processing code.

**Impact:** Denial of Service (DoS)

**Exploitability:** Easy

**Workarounds:** No Workarounds available

**References:** [Cisco-SA-20150721-CVE-2015-4284](#), [CVE-2015-4284](#)

### Additional Information

**Product:** Cisco-SA-20150721-CVE-2015-4284  
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Cisco Product Security Incident Response

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### URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/Cisco-SA-20150721-CVE->



## 翻訳について

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