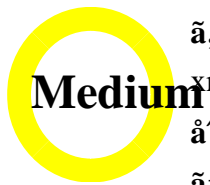


# Cisco IOS XR RPKI Border Gateway Protocol (BGP) Denial of Service Vulnerability



Cisco Security ID : cisco-sa-xrbgp-rpki-dos-gvmjqxbk  
Published : 2021-09-08 16:00  
Version : 1.0 : Final  
CVSS Score : 6.8  
Workarounds : No workarounds available  
Cisco Bug ID : CSCvx04451

[CVE-2021-1440](#)

Summary: A Denial of Service (DoS) vulnerability exists in Cisco IOS XR RPKI BGP. An attacker can send a specially crafted BGP UPDATE message to a Cisco IOS XR router, causing the router to crash or become unresponsive.

## Impact

Cisco IOS XR RPKI BGP Resource Public Key Infrastructure (RPKI) Denial of Service (DoS) Vulnerability

Protocol (BGP) Denial of Service (DoS) Vulnerability in Cisco IOS XR RPKI BGP

Summary: A Denial of Service (DoS) vulnerability exists in Cisco IOS XR RPKI BGP

Router (RTR) Denial of Service (DoS) Vulnerability in Cisco IOS XR RPKI BGP

TCP Denial of Service (DoS) Vulnerability in Cisco IOS XR RPKI BGP

Summary: A Denial of Service (DoS) vulnerability exists in Cisco IOS XR RPKI BGP

Cisco Security ID : cisco-sa-xrbgp-rpki-dos-gvmjqxbk

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-xrbgp-rpki-dos-gvmjqxbk>

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RPKIã,ãf¼ãfãEè"ã®šã•ã,CEã|ã,,ã,ããã©ã†ãã,ćç°èªã™ã,ããã¬ã€show

**running-config router bgp**

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serverã,³ãfžãf³ãf%ãEè;"çªã•ã,CEã,ã'ã^ã€ãf†ãfã,ã,¹ã«è,,†â¼±æ€šãEã~ãœ"ã™ã

<#root>

iosxr#

show running-config router bgp

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rpki server

192.168.1.100

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**bgp rpki server summary**

CLIã,³ãfžãf³ãf%ã,ç™°è;Eã—ã¾ã™ã€,æ¬ã®ã¾ã«çªã™ã,^ã†ã«ã€RPKIã,½ãf¼ã

<#root>

iosxr#

show bgp rpki server summary

Wed Aug 13 13:25:04.368 utc

Hostname/Address	Transport	State	Time	ROAs (IPv4/IPv6)
10.112.255.14	TCP:323	CONNECT	00:00:06	N/A
2001:400:6:1::1	TCP:323			

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- IOS XE ã,½ãf•ãf^ã,ã,šã,ç
- NX-OS ã,½ãf•ãf^ã,ã,šã,ç

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Technical Assistance  
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**ãç®æ£æ,^ãçããfããf¼ã,¹**

ã...è-ã™,ç,ãšã-ã€ã-ãã®Cisco IOS  
XRã,½ãf•ãf^ã,|ã,šã,çãfããfããf¼ã,ãã«ã”ã®è,,†ã¼±æ€šã«ã¾ã†|ã™ã,ãç®æ£ã Æã«ã¾ã,Æã

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- 7.3.15 ä»¥€™
- 7.4.1 ä»¥€™

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Cisco IOS XR Platform	SMU
6.5.3	ASR9K-PX asr9k-px-6.5.3.CSCvx04451
6.7.4	CRS-PX hfr-px-6.7.4.CSCvx04451
7.0.2	ASR9K-X64 asr9k-x64-7.0.2.CSCvx04451
7.1.2	ASR9K-X64 asr9k-x64-7.1.2.CSCvx04451

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### Cisco Product Security Incident Response

Team

SMU

Cisco TAC

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### URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-xrbgp-rpki-dos-gvmjqxbk>

SMU

Version	SMU	Platform	SMU
1.0	SMU	Final	2021

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## 翻訳について

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