



CVE-2021-1316

Published on: 02/04/2021 12:00:00 AM UTC

Last Modified on: 11/07/2023 03:27:00 AM UTC

CVE-2021-1316 - advisory for cisco-sa-rv-command-inject-BY4c5zd

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Rv016 Multi-wan Vpn Router](#) from [Cisco](#) contain the following vulnerability:

Multiple vulnerabilities in the web-based management interface of Cisco Small Business RV016, RV042, RV042G, RV082, RV320, and RV325 Routers could allow an authenticated, remote attacker to inject arbitrary commands that are executed with root privileges. These vulnerabilities are due to improper validation of user-supplied input in

the web-based management interface. An attacker could exploit these vulnerabilities by sending crafted HTTP requests to a targeted device. A successful exploit could allow the attacker to execute arbitrary code as the root user on the underlying operating system. To exploit these vulnerabilities, an attacker would need to have valid administrator credentials on an affected device.

CVE-2021-1316 has been assigned by [Cisco](#) psirt@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerabilities described in this advisory.

Affected Vendor/Software: [Cisco](#) **Cisco - Cisco Small Business RV Series Router Firmware** version n/a

CVSS3 Score: **7.2 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE

Confidentiality Impact	Integrity Impact	Availability Impact				
COMPLETE	COMPLETE	COMPLETE				
CVE References						
Description	Tags	Link				
Cisco Small Business RV Series Routers Management Interface Command Injection Vulnerabilities	Vendor Advisory tools.cisco.com text/html	CISCO 20210203 Cisco Small Business RV Series Routers Management Interface Command Injection Vulnerabilities				
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There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Cisco	Rv016 Multi-wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv016 Multi-wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv016 Multi-wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv016 Multi-wan Vpn Router Firmware	All	All	All	All
Hardware 	Cisco	Rv042g Dual Gigabit Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv042g Dual Gigabit Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv042g Dual Gigabit Wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv042g Dual Gigabit Wan Vpn Router Firmware	All	All	All	All
Hardware 	Cisco	Rv042 Dual Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv042 Dual Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv042 Dual Wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv042 Dual Wan Vpn Router Firmware	All	All	All	All
Hardware 	Cisco	Rv082 Dual Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv082 Dual Wan Vpn Router	-	All	All	All
Hardware 	Cisco	Rv082 Dual Wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv082 Dual Wan Vpn Router Firmware	All	All	All	All
Hardware 	Cisco	Rv320 Dual Gigabit Wan Vpn Router	-	All	All	All

Hardware	Cisco	Rv320 Dual Gigabit Wan Vpn Router	-	All	All	All
Hardware	Cisco	Rv320 Dual Gigabit Wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv320 Dual Gigabit Wan Vpn Router Firmware	All	All	All	All
Hardware	Cisco	Rv325 Dual Gigabit Wan Vpn Router	-	All	All	All
Hardware	Cisco	Rv325 Dual Gigabit Wan Vpn Router	-	All	All	All
Hardware	Cisco	Rv325 Dual Gigabit Wan Vpn Router	-	All	All	All
Operating System	Cisco	Rv325 Dual Gigabit Wan Vpn Router Firmware	All	All	All	All
cpe:2.3:h:cisco:rv016_multi-wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv016_multi-wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv016_multi-wan_vpn_router:-:~::~:						
cpe:2.3:o:cisco:rv016_multi-wan_vpn_router_firmware:*~::~:						
cpe:2.3:h:cisco:rv042g_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv042g_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv042g_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:o:cisco:rv042g_dual_gigabit_wan_vpn_router_firmware:*~::~:						
cpe:2.3:h:cisco:rv042_dual_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv042_dual_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv042_dual_wan_vpn_router:-:~::~:						
cpe:2.3:o:cisco:rv042_dual_wan_vpn_router_firmware:*~::~:						
cpe:2.3:h:cisco:rv082_dual_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv082_dual_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv082_dual_wan_vpn_router:-:~::~:						
cpe:2.3:o:cisco:rv082_dual_wan_vpn_router_firmware:*~::~:						
cpe:2.3:h:cisco:rv320_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv320_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:h:cisco:rv320_dual_gigabit_wan_vpn_router:-:~::~:						
cpe:2.3:o:cisco:rv320_dual_gigabit_wan_vpn_router_firmware:*~::~:						
cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:						

cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:o:cisco:rv325_dual_gigabit_wan_vpn_router_firmware:*~::~:

cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:o:cisco:rv325_dual_gigabit_wan_vpn_router_firmware:*~::~:

cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:h:cisco:rv325_dual_gigabit_wan_vpn_router:-:~::~:
cpe:2.3:o:cisco:rv325_dual_gigabit_wan_vpn_router_firmware:*~::~:

No vendor comments have been submitted for this CVE

Social Mentions

Social Mentions		
Source	Title	Posted (UTC)
 @RemotelyAlerts	Severity: ??? Multiple vulnerabilities in the web-base... CVE-2021-1316 Link for more: alerts.remotelyrmm.com/CVE-2021-1316	2022-08-05 19:32:22

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