



CVE-2021-1328

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CVE-2021-1328 - advisory for cisco-sa-rv-overflow-ghZP68yj

[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 execute arbitrary code or cause an affected device to restart unexpectedly. 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 an affected device. A successful exploit could allow the attacker to execute arbitrary code as the root user on the underlying operating system or cause the device to reload, resulting in a denial of service (DoS) condition. To exploit these vulnerabilities, an attacker would need to have valid administrator credentials on the affected device.

CVE-2021-1328 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 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
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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 Remote Command Execution and Denial of Service Vulnerabilities	Vendor Advisory tools.cisco.com text/html	CISCO 20210203 Cisco Small Business RV Series Routers Management Interface Remote Command Execution and Denial of Service 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_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_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_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_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:*.*.*.*.*.*.*.*

No vendor comments have been submitted for this CVE

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