CVE-2018-5732

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Summary

CVE	CVE-2018-5732
State	PUBLIC
Assigner	security-officer@isc.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-09 16:15:00 UTC
Updated	2020-01-09 21:14:00 UTC
Description	Failure to properly bounds-check a buffer used for processing DHCP options allows a malicious server (or an entity masque

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Isc	Dhcp	All	All	All	All
Application	Isc	Dhcp	4.1-esv	-	All	All
Application	Isc	Dhcp	4.1-esv	r1	All	All
Application	Isc	Dhcp	4.1-esv	r10	All	All
Application	Isc	Dhcp	4.1-esv	r10b1	All	All
Application	Isc	Dhcp	4.1-esv	r10rc1	All	All
Application	Isc	Dhcp	4.1-esv	r11	All	All
Application	Isc	Dhcp	4.1-esv	r11b1	All	All
Application	Isc	Dhcp	4.1-esv	r11rc1	All	All
Application	Isc	Dhcp	4.1-esv	r11rc2	All	All
Application	Isc	Dhcp	4.1-esv	r12	All	All
Application	Isc	Dhcp	4.1-esv	r12-p1	All	All
Application	Isc	Dhcp	4.1-esv	r12b1	All	All
Application	Isc	Dhcp	4.1-esv	r13	All	All
Application	Isc	Dhcp	4.1-esv	r13b1	All	All
Application	Isc	Dhcp	4.1-esv	r14	All	All
Application	Isc	Dhcp	4.1-esv	r14b1	All	All

Application	Isc	Dhcp	4.1-esv	r15	All	All
Application	Isc	Dhcp	4.1-esv	r2	All	All
Application	Isc	Dhcp	4.1-esv	r3	All	All
Application	Isc	Dhcp	4.1-esv	r3b1	All	All
Application	Isc	Dhcp	4.1-esv	r4	All	All
Application	Isc	Dhcp	4.1-esv	r5	All	All
Application	Isc	Dhcp	4.1-esv	r5b1	All	All
Application	Isc	Dhcp	4.1-esv	r5rc1	All	All
Application	Isc	Dhcp	4.1-esv	r5rc2	All	All
Application	Isc	Dhcp	4.1-esv	r6	All	All
Application	Isc	Dhcp	4.1-esv	r7	All	All
Application	Isc	Dhcp	4.1-esv	r8	All	All
Application	Isc	Dhcp	4.1-esv	r8b1	All	All
Application	Isc	Dhcp	4.1-esv	r8rc1	All	All
Application	Isc	Dhcp	4.1-esv	r9	All	All
Application	Isc	Dhcp	4.1-esv	r9b1	All	All
Application	Isc	Dhcp	4.1-esv	r9rc1	All	All
Application	Isc	Dhcp	4.1.2	p1	All	All
Application	Isc	Dhcp	4.4.0	All	All	All
Application	Isc	Dhcp	All	All	All	All
Application	Isc	Dhcp	4.1-esv	-	All	All
Application	Isc	Dhcp	4.1-esv	r1	All	All
Application	Isc	Dhcp	4.1-esv	r10	All	All
Application	Isc	Dhcp	4.1-esv	r10b1	All	All
Application	Isc	Dhcp	4.1-esv	r10rc1	All	All
Application	Isc	Dhcp	4.1-esv	r11	All	All
Application	Isc	Dhcp	4.1-esv	r11b1	All	All
Application	Isc	Dhcp	4.1-esv	r11rc1	All	All
Application	Isc	Dhcp	4.1-esv	r11rc2	All	All
Application	Isc	Dhcp	4.1-esv	r12	All	All
Application	Isc	Dhcp	4.1-esv	r12-p1	All	All
Application	Isc	Dhcp	4.1-esv	r12b1	All	All
Application	Isc	Dhcp	4.1-esv	r13	All	All
Application	Isc	Dhcp	4.1-esv	r13b1	All	All
Application	Isc	Dhcp	4.1-esv	r14	All	All

Application	Isc	Dhcp	4.1-esv	r14b1	All	All
Application	Isc	Dhcp	4.1-esv	r15	All	All
Application	Isc	Dhcp	4.1-esv	r2	All	All
Application	Isc	Dhcp	4.1-esv	r3	All	All
Application	Isc	Dhcp	4.1-esv	r3b1	All	All
Application	Isc	Dhcp	4.1-esv	r4	All	All
Application	Isc	Dhcp	4.1-esv	r5	All	All
Application	Isc	Dhcp	4.1-esv	r5b1	All	All
Application	Isc	Dhcp	4.1-esv	r5rc1	All	All
Application	Isc	Dhcp	4.1-esv	r5rc2	All	All
Application	Isc	Dhcp	4.1-esv	r6	All	All
Application	Isc	Dhcp	4.1-esv	r7	All	All
Application	Isc	Dhcp	4.1-esv	r8	All	All
Application	Isc	Dhcp	4.1-esv	r8b1	All	All
Application	Isc	Dhcp	4.1-esv	r8rc1	All	All
Application	Isc	Dhcp	4.1-esv	r9	All	All
Application	Isc	Dhcp	4.1-esv	r9b1	All	All
Application	Isc	Dhcp	4.1-esv	r9rc1	All	All
Application	Isc	Dhcp	4.1.2	p1	All	All
Application	Isc	Dhcp	4.4.0	All	All	All
Application	Isc	Dhcp	All	All	All	All

References

Reference	Source	Link	Tags
CVE-2018-5732: Potential buffer overflow	CONFIRM	kb.isc.org	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Felix Wilhelm, Google Security Team, for reporting this vulnerability.

Legacy QID Mappings

500145 Alpine Linux Security Update for dhcp

503795 Alpine Linux Security Update for dhcp

591311 Bosch Rexroth PRA-ES8P2S Ethernet-Switch Multiple Vulnerabilities (BOSCH-SA-247053-BT)

710315 Gentoo Linux ISC DHCP Multiple Vulnerabilities (GLSA 201804-05)