CVE-2021-29424

Published on: 03/29/2021 12:00:00 AM UTC

Last Modified on: 06/08/2021 01:52:00 PM UTC

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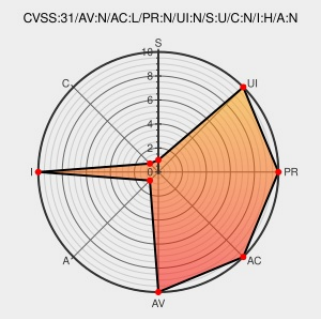

Certain versions of Fedora from Fedoraproject contain the following vulnerability:

The Net::Netmask module before 2.0000 for Perl does not properly consider extraneous zero characters at the beginning of an IP address string, which (in some situations) allows attackers to bypass access control that is based on IP addresses.

CVE-2021-29424 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Changes - metacpan.org	metacpan.org text/html	MISC metacpan.org/changes/distribution/Net-Netmask#L11-22
[SECURITY] Fedora 33 Update: perl-Net-Netmask-2.0001-1.fc33 -	lists.fedoraproject.org	FEDORA FEDORA-2021-be62be8c7c

package-announce - Fedora Mailing-Lists	text/html	
CVE-2021-29424 Perl Vulnerability in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20210604-0007/
Security Issues in Perl IP Address distros - House Absolute(ly) Pointless	blog.urth.org text/html	MISC blog.urth.org/2021/03/29/security-issues-in-perl-ip-address-distros/
[SECURITY] Fedora 32 Update: perl-Net-Netmask-2.0001-1.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-c314017fcc
[SECURITY] Fedora 34 Update: perl-Net-Netmask-2.0001-1.fc34 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-3d96cfe6a3

Related QID Numbers

281091 Fedora Security Update for Perl-Net-Netmask

281391 Fedora Security Update for perl (FEDORA-2021-3d96cfe6a3)

281392 Fedora Security Update for perl (FEDORA-2021-c314017fcc)

281393 Fedora Security Update for perl (FEDORA-2021-be62be8c7c)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Net		netmask_project	net		netmask
Application	Net		netmask_project	net\	\	netmask

cpe:2.3:o:fedoraproject:fedora:32:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:34:*:*:*:*:*:*:*:

cpe:2.3:a:net::netmask_project:net::netmask:*:*:*:*:

cpe:2.3:a:net\:\:netmask_project:net\:\:netmask:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

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CVE.report and Source URL Uptime Status status.cve.report