



CVE-2020-5942

Published on: 11/05/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:03 PM UTC

CVE-2020-5942

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Big-ip Policy Enforcement Manager](#) from [F5](#) contain the following vulnerability:

In BIG-IP PEM versions 16.0.0-16.0.0.1, 15.1.0-15.1.0.5, 14.1.0-14.1.2.7, 13.1.0-13.1.3.4, 12.1.0-12.1.5.2, and 11.6.1-11.6.5.2, when processing Capabilities-Exchange-Answer (CEA) packets with certain attributes from the Policy and Charging Rules Function (PCRF) server, the Traffic Management Microkernel (TMM) may generate a core file

and restart.

CVE-2020-5942 has been assigned by f5sirt@f5.com 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	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
No Description Provided	Vendor Advisory support.f5.com	MISC support.f5.com/csp/article/K82530456

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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
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:.*:						
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:.*:						
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:.*:						
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:.*:						
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:.*:						

No vendor comments have been submitted for this CVE

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