



# CVE-2021-23048

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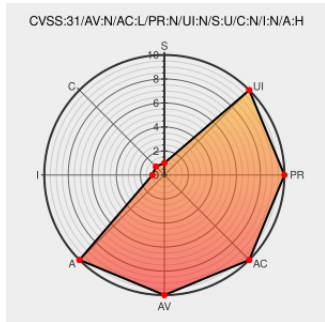
Last Modified on: 09/24/2021 02:38:00 PM UTC

## CVE-2021-23048

Source: Mitre

Source: Nist

Print: PDF



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

On BIG-IP version 16.0.x before 16.0.1.2, 15.1.x before 15.1.3.1, 14.1.x before 14.1.4.3, 13.1.x before 13.1.4.1, and all versions of 12.1.x and 11.6.x, when GPRS Tunneling Protocol (GTP) iRules commands or a GTP profile is configured on a virtual server, undisclosed GTP messages can cause the Traffic Management

Microkernel (TMM) to terminate. Note: Software versions which have reached End of Technical Support (EoTS) are not evaluated.

CVE-2021-23048 has been assigned by [f5sirt@f5.com](mailto: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
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>	<b>NONE</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>NONE</b>	<b>NONE</b>	<b>HIGH</b>

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>NONE</b>	<b>NONE</b>	<b>PARTIAL</b>

## CVE References

Description	Tags	Link
<a href="#">NVD Description</a>	<a href="#">CVE-2021-23048</a>	<a href="https://support.f5.com/csp/article/K10010020">https://support.f5.com/csp/article/K10010020</a>

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## Related QID Numbers

[375913](#) F5 BIG-IP Application Security Manager (ASM), Local Traffic Manager (LTM), Access Policy Manager (APM) Traffic Management Microkernel (TMM) GPRS Tunneling Protocol (GTP) Vulnerability (K19012930)

## Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F5	<a href="#">Big-ip Access Policy Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Access Policy Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Access Policy Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Firewall Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Firewall Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Firewall Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Web Application Firewall</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Web Application Firewall</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Advanced Web Application Firewall</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Analytics</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Analytics</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Analytics</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Acceleration Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Acceleration Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Acceleration Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Security Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Security Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Application Security Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Domain Name System</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Domain Name System</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Domain Name System</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Fraud Protection Service</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Fraud Protection Service</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Fraud Protection Service</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Global Traffic Manager</a>	All	All	All	All

Application	F5	Big-ip Global Traffic Manager	All	All	All	All
Application	F5	Big-ip Global Traffic Manager	All	All	All	All
Application	F5	Big-ip Link Controller	All	All	All	All
Application	F5	Big-ip Link Controller	All	All	All	All
Application	F5	Big-ip Link Controller	All	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All
Application	F5	Big-ip Local Traffic Manager	All	All	All	All

cpe:2.3:a:f5:big-ip\_access\_policy\_manager:\*:\*:\*:\*:\*:\*:

cpe:2.3:a:f5:big-ip\_access\_policy\_manager:\*:\*:\*:\*:\*:\*:

cpe:2.3:a:f5:big-ip\_access\_policy\_manager:\*:\*:\*:\*:\*:\*:

cpe:2.3:a:f5:big-ip\_advanced\_firewall\_manager:\*:\*:\*:\*:\*:\*:

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cpe:2.3:a:f5:big-ip\_fraud\_protection\_service:\*:\*:\*:\*:\*:\*:

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cpe:2.3:a:f5:big-ip_fraud_protection_service:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_global_traffic_manager:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_global_traffic_manager:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_global_traffic_manager:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_link_controller:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_link_controller:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_link_controller:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:*:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @softek_jp	F5 Networks BIG-IP の GTP の処理にサービスを妨害される問題 (CVE-2021-23048) [39829] <a href="https://sid.softek.jp/content/show/3...">sid.softek.jp/content/show/3...</a> #SIDfm #脆弱性情報	2021-08-27 08:42:52

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