



# CVE-2021-23044

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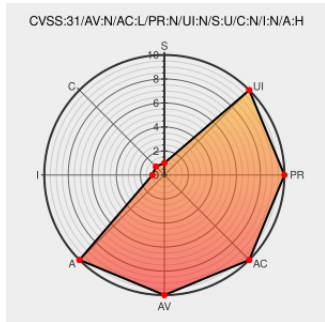
Last Modified on: 09/27/2021 01:33:00 PM UTC

## CVE-2021-23044

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.x before 16.1.0, 15.1.x before 15.1.3.1, 14.1.x before 14.1.4.2, 13.1.x before 13.1.4.1, and all versions of 12.1.x and 11.6.x, when the Intel QuickAssist Technology (QAT) compression driver is used on affected BIG-IP hardware and BIG-IP Virtual Edition (VE) platforms, undisclosed traffic can cause the Traffic Management Microkernel (TMM) to terminate. Note: Software versions which have reached End of Technical Support (EoTS) are not evaluated.

CVE-2021-23044 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: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>MEDIUM</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-2021-23044</a>	<a href="https://support.f5.com/csp/article/K25409274">https://support.f5.com/csp/article/K25409274</a>

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## Related QID Numbers

[375907](#) F5 BIG-IP Application Security Manager (ASM), Local Traffic Manager (LTM), Access Policy Manager (APM) Compression Driver Vulnerability (K35408374)

## 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 Firewall Manager</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	<a href="#">Big-ip Global Traffic Manager</a>	All	All	All	All
Application	F5	<a href="#">Big-ip Global Traffic Manager</a>	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
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_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:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_analytics:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_analytics:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_analytics:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_acceleration_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_acceleration_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_acceleration_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_security_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_security_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_application_security_manager:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_domain_name_system:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_domain_name_system:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_domain_name_system:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_fraud_protection_service:~::~~::~~::~~:::						
cpe:2.3:a:f5:big-ip_fraud_protection_service:~::~~::~~::~~:::						



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:*:*:*:*:*:*:
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

### Social Mentions

Source	Title	Posted (UTC)
 @softek_jp	F5 Networks BIG-IP の QAT 圧縮ドライバの処理にサービスを妨害される問題 (CVE-2021-23044) [39841] <a href="#">sid.softek.jp/content/show/3...</a> #SIDfm #脆弱性情報	2021-08-30 05:12:58
 @CVEreport	CVE-2021-23044 : On BIG-IP version 16.x before 16.1.0, 15.1.x before 15.1.3.1, 14.1.x before 14.1.4.2, 13.1.x befor... <a href="#">twitter.com/i/web/status/1...</a>	2021-09-14 16:05:02

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