



CVE-2021-23011

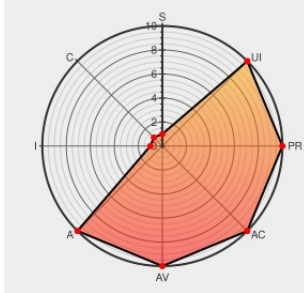
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CVE-2021-23011

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



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

On versions 16.0.x before 16.0.1.1, 15.1.x before 15.1.3, 14.1.x before 14.1.4, 13.1.x before 13.1.4, 12.1.x before 12.1.6, and 11.6.x before 11.6.5.3, when the BIG-IP system is buffering packet fragments for reassembly, the Traffic Management Microkernel (TMM) may consume an excessive amount of resources, eventually leading to a restart and failover event. Note: Software versions which have reached End of Technical Support (EoTS) are not evaluated.

CVE-2021-23011 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: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
No Description Provided	CVE-2021-23011	MISC support f5.com/en/articles/140751295

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Related QID Numbers

375528 F5 BIG-IP TMM Vulnerability(K10751325)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F5	Big-ip Access Policy Manager	All	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	All	All	All	All
Application	F5	Big-ip Advanced Web Application Firewall	All	All	All	All
Application	F5	Big-ip Analytics	All	All	All	All
Application	F5	Big-ip Application Acceleration Manager	All	All	All	All
Application	F5	Big-ip Application Security Manager	All	All	All	All
Application	F5	Big-ip Ddos Hybrid Defender	All	All	All	All
Application	F5	Big-ip Domain Name System	All	All	All	All
Application	F5	Big-ip Fraud Protection Service	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 Local Traffic Manager	All	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	All	All	All	All
Application	F5	Big-ip Ssl Orchestrator	All	All	All	All

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_web_application_firewall:*****:

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_security_manager:*****:

cpe:2.3:a:f5:big-ip_ddos_hybrid_defender:*****:

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_global_traffic_manager:*:*:*:*:*:
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_policy_enforcement_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_ssl_orchestrator:*:*:*:*:*:

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_local_traffic_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_ssl_orchestrator:*:*:*:*:*:

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_local_traffic_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_ssl_orchestrator:*:*:*:*:*:

cpe:2.3:a:f5:big-ip_global_traffic_manager:*:*:*:*:*:
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cpe:2.3:a:f5:big-ip_link_controller:*:*:*:*:*:
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cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_ssl_orchestrator:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 /r/netcve	CVE-2021-23011	2021-05-10 14:41:09

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