CVE-2022-41983

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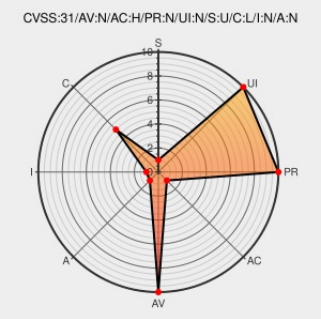
CVE-2022-41983

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Big-ip Access Policy Manager from F5 contain the following vulnerability:

On specific hardware platforms, on BIG-IP versions 16.1.x before 16.1.3.1, 15.1.x before 15.1.7, 14.1.x before 14.1.5.1, and all versions of 13.1.x, while Intel QAT (QuickAssist Technology) and the AES-GCM/CCM cipher is in use, undisclosed conditions can cause BIG-IP to send data unencrypted even with an SSL Profile applied.

CVE-2022-41983 has been assigned by f5sirt@f5.com to track the vulnerability - currently rated as LOW severity.

Affected Vendor/Software: **F5** - **BIG-IP** version **!>= 17.0.0**

Affected Vendor/Software: **F5** - **BIG-IP** version **< 16.1.3.1**

Affected Vendor/Software: **F5** - **BIG-IP** version **< 15.1.7**

Affected Vendor/Software: **F5** - **BIG-IP** version **< 14.1.5.1**

Affected Vendor/Software: **F5** - **BIG-IP** version **>= 13.1.0**

CVSS3 Score: 3.7 - LOW

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

CVE References

Description	Tags	Link
No Description Provided	support.f5.com text/html	MISC support.f5.com/csp/article/K31523465

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Related QID Numbers

377666 F5 BIG-IP Traffic Management Microkernel (TMM) Vulnerability cve-2022-41983 (K31523465)

377681 F5 BIG-IP Big-ip Traffic Management Microkernel (TMM) vulnerability cve-2022-41983 (K31523465)

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 Access Policy Manager	All	All	All	All
Application	F5	Big-ip Advanced Firewall 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 Advanced Web Application Firewall	All	All	All	All
Application	F5	Big-ip Analytics	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 Acceleration Manager	All	All	All	All
Application	F5	Big-ip Application Security Manager	All	All	All	All
Application	F5	Big-ip Application Security Manager	All	All	All	All
Application	F5	Big-ip Application Visibility And Reporting	All	All	All	All
Application	F5	Big-ip Application Visibility And Reporting	All	All	All	All
Application	F5	Big-ip Carrier-grade Nat	All	All	All	All
Application	F5	Big-ip Carrier-grade Nat	All	All	All	All
Application	F5	Big-ip Ddos Hybrid Defender	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 Domain Name System	All	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Fraud Protection Service	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 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 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 Ssl Orchestrator	All	All	All	All
Application	F5	Big-ip Ssl Orchestrator	All	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
Application	F5	Big-ip Websafe	All	All	All	All
Application	F5	Big-ip Websafe	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_advanced_firewall_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_advanced_web_application_firewall:*:*:*:*:*:*:*:*:

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_security_manager:*:*:*:*:*:*:*:*:

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

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

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

cpe:2.3:a:f5:big-ip_carrier-grade_nat:*:*:*:*:*:*:*:*:

cpe:2.3:a:f5:big-ip_carrier-grade_nat:*:*:*:*:*:*:*:*:

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

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_domain_name_system:*:*:*:*:*:*:*:*:

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

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

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_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_policy_enforcement_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_ssl_orchestrator:*:*:*:*:*:*:*:*:

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

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

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

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

Discovery Credit

This issue was discovered internally by F5.

Social Mentions

Source	Title	Posted (UTC)
/r/netcve	CVE-2022-41983	2022-10-19 23:39:01

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