



CVE-2020-5939

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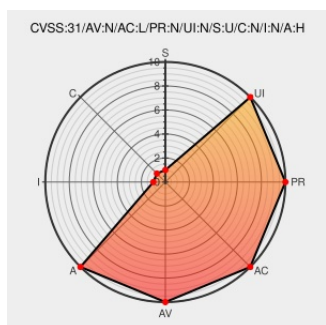
CVE-2020-5939

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

In versions 16.0.0-16.0.0.1, 15.1.0-15.1.0.3, 15.0.0-15.0.1.3, 14.1.0-14.1.2.6, and 13.1.0-13.1.3.4, BIG-IP Virtual Edition (VE) systems on VMware, with an Intel-based 85299 Network Interface Controller (NIC) card and Single Root I/O Virtualization (SR-IOV) enabled on vSphere, may fail and leave the Traffic Management Microkernel (TMM) in a state where it cannot transmit traffic.

CVE-2020-5939 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/K75111593

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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 Access Policy Manager	All	All	All	All
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 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 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 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 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 Security Manager	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 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 Domain Name System	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 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 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
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 Ssl Orchestrator	All	All	All	All
Application	F5	Big-ip Ssl Orchestrator	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_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_web_application_firewall:*****:.*:						
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_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_ddos_hybrid_defender:*****:
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_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:*****:
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_ssl_orchestrator:*****:

No vendor comments have been submitted for this CVE

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