



CVE-2022-28706

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CVE-2022-28706

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

CVSS:31/AV:N/AC:H/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 F5 BIG-IP 16.1.x versions prior to 16.1.2 and 15.1.x versions prior to 15.1.5.1, when the DNS resolver configuration is used, undisclosed requests can cause the Traffic Management Microkernel (TMM) to terminate. Note: Software versions which have reached End of Technical Support (EoTS) are not evaluated

CVE-2022-28706 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	support.f5.com text/html	MISC support.f5.com/csp/article/K03755971

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Related QID Numbers

[376688](#) F5 BIG-IP Application Security Manager (ASM), Local Traffic Manager (LTM), Access Policy Manager (APM) BIG-IP DNS resolver Vulnerability (K03755971)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F5	Big-ip Access Policy Manager	15.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.1	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.2	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.3	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.4	All	All	All
Application	F5	Big-ip Access Policy Manager	15.1.5	All	All	All
Application	F5	Big-ip Access Policy Manager	16.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	16.1.1	All	All	All
Application	F5	Big-ip Access Policy Manager	16.1.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.3	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.4	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.1.5	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	16.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	16.1.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	16.1.2	All	All	All
Application	F5	Big-ip Analytics	15.1.0	All	All	All
Application	F5	Big-ip Analytics	15.1.1	All	All	All
Application	F5	Big-ip Analytics	15.1.2	All	All	All
Application	F5	Big-ip Analytics	15.1.3	All	All	All
Application	F5	Big-ip Analytics	15.1.4	All	All	All
Application	F5	Big-ip Analytics	15.1.5	All	All	All
Application	F5	Big-ip Analytics	16.1.0	All	All	All
Application	F5	Big-ip Analytics	16.1.1	All	All	All
Application	F5	Big-ip Analytics	16.1.2	All	All	All

Application	F5	Big-ip Application Acceleration Manager	15.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.1	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.2	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.3	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.4	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.1.5	All	All	All
Application	F5	Big-ip Application Acceleration Manager	16.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	16.1.1	All	All	All
Application	F5	Big-ip Application Acceleration Manager	16.1.2	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.1	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.2	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.3	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.4	All	All	All
Application	F5	Big-ip Application Security Manager	15.1.5	All	All	All
Application	F5	Big-ip Application Security Manager	16.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	16.1.1	All	All	All
Application	F5	Big-ip Application Security Manager	16.1.2	All	All	All
Application	F5	Big-ip Domain Name System	15.1.0	All	All	All
Application	F5	Big-ip Domain Name System	15.1.1	All	All	All
Application	F5	Big-ip Domain Name System	15.1.2	All	All	All
Application	F5	Big-ip Domain Name System	15.1.3	All	All	All
Application	F5	Big-ip Domain Name System	15.1.4	All	All	All
Application	F5	Big-ip Domain Name System	15.1.5	All	All	All
Application	F5	Big-ip Domain Name System	16.1.0	All	All	All
Application	F5	Big-ip Domain Name System	16.1.1	All	All	All
Application	F5	Big-ip Domain Name System	16.1.2	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.1	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.2	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.3	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.4	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.1.5	All	All	All
Application	F5	Big-ip Fraud Protection Service	16.1.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	16.1.1	All	All	All

Application	F5	Big-ip Fraud Protection Service	16.1.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.3	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.4	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.1.5	All	All	All
Application	F5	Big-ip Global Traffic Manager	16.1.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	16.1.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	16.1.2	All	All	All
Application	F5	Big-ip Link Controller	15.1.0	All	All	All
Application	F5	Big-ip Link Controller	15.1.1	All	All	All
Application	F5	Big-ip Link Controller	15.1.2	All	All	All
Application	F5	Big-ip Link Controller	15.1.3	All	All	All
Application	F5	Big-ip Link Controller	15.1.4	All	All	All
Application	F5	Big-ip Link Controller	15.1.5	All	All	All
Application	F5	Big-ip Link Controller	16.1.0	All	All	All
Application	F5	Big-ip Link Controller	16.1.1	All	All	All
Application	F5	Big-ip Link Controller	16.1.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.3	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.4	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.1.5	All	All	All
Application	F5	Big-ip Local Traffic Manager	16.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	16.1.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	16.1.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.3	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.4	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.1.5	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	16.1.0	All	All	All

Application	F5	Big-ip Policy Enforcement Manager	16.1.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	16.1.2	All	All	All
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.0:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.1:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.2:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.3:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.4:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:15.1.5:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:16.1.0:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:16.1.1:*****:*						
cpe:2.3:a:f5:big-ip_access_policy_manager:16.1.2:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.0:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.1:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.2:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.3:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.4:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:15.1.5:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:16.1.0:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:16.1.1:*****:*						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:16.1.2:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.0:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.1:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.2:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.3:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.4:*****:*						
cpe:2.3:a:f5:big-ip_analytics:15.1.5:*****:*						
cpe:2.3:a:f5:big-ip_analytics:16.1.0:*****:*						
cpe:2.3:a:f5:big-ip_analytics:16.1.1:*****:*						
cpe:2.3:a:f5:big-ip_analytics:16.1.2:*****:*						

cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.0:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.1:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.2:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.3:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.4:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:15.1.5:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:16.1.0:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:16.1.1:*****:
cpe:2.3:a:f5:big-ip_application_acceleration_manager:16.1.2:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.0:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.1:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.2:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.3:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.4:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:15.1.5:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:16.1.0:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:16.1.1:*****:
cpe:2.3:a:f5:big-ip_application_security_manager:16.1.2:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.0:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.1:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.2:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.3:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.4:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:15.1.5:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:16.1.0:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:16.1.1:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:16.1.2:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.0:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.1:*****:

cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.1:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.2:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.3:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.4:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:15.1.5:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:16.1.0:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:16.1.1:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:16.1.2:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.0:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.1:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.2:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.3:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.4:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:15.1.5:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:16.1.0:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:16.1.1:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:16.1.2:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.0:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.1:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.2:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.3:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.4:*****:
cpe:2.3:a:f5:big-ip_link_controller:15.1.5:*****:
cpe:2.3:a:f5:big-ip_link_controller:16.1.0:*****:
cpe:2.3:a:f5:big-ip_link_controller:16.1.1:*****:
cpe:2.3:a:f5:big-ip_link_controller:16.1.2:*****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.0:*****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.1:*****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.2:*****:

cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.3:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.4:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:15.1.5:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:16.1.0:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:16.1.1:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_local_traffic_manager:16.1.2:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.0:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.1:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.2:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.3:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.4:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:15.1.5:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:16.1.0:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:16.1.1:*:*:*:*:*:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:16.1.2:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-28706 : On F5 BIG-IP 16.1.x versions prior to 16.1.2 and 15.1.x versions prior to 15.1.5.1, when the DNS r... twitter.com/i/web/status/1...	2022-05-05 17:18:15
 /r/netcve	CVE-2022-28706	2022-05-05 17:38:48
 /r/k12cybersecurity	MS-ISAC CYBERSECURITY ADVISORY - Multiple Vulnerabilities in F5Networks Products Could Allow for Arbitrary Code Execution - PATCH: NOW	2022-05-06 14:11:01
 /r/k12cybersecurity	UPDATED MS-ISAC CYBERSECURITY ADVISORY - Multiple Vulnerabilities in F5Networks Products Could Allow for Arbitrary Code Execution - PATCH: NOW	2022-05-09 13:34:10
 /r/k12cybersecurity	UPDATED MS-ISAC CYBERSECURITY ADVISORY - Multiple Vulnerabilities in F5Networks Products Could Allow for Arbitrary Code Execution - PATCH: NOW	2022-05-11 16:42:45

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