



CVE-2020-5877

Published on: 04/30/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-5877

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

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

On BIG-IP 15.0.0-15.1.0.1, 14.1.0-14.1.2.3, 13.1.0-13.1.3.3, 12.1.0-12.1.5.1, and 11.6.1-11.6.5.1, malformed input to the DATAGRAM::tcp iRules command within a FLOW_INIT event may lead to a denial of service.

CVE-2020-5877 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	Vendor Advisory support.f5.com text/html	CONFIRM support.f5.com/csp/article/K54200228

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that

would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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 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 Firewall Manager	All	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	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 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 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 Application Security Manager	All	All	All	All
Application	F5	Big-ip Application Security Manager	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 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 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 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 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 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 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_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_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_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 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 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 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 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_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_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_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_policy_enforcement_manager:*****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:*****:

No vendor comments have been submitted for this CVE

[← Previous ID](#)

Next ID→