



CVE-2020-27718

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CVE-2020-27718

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 Advanced Web Application Firewall](#) from F5 contain the following vulnerability:

When a BIG-IP ASM or Advanced WAF system running version 16.0.0-16.0.0.1, 15.1.0-15.1.0.5, 14.1.0-14.1.3, 13.1.0-13.1.3.4, 12.1.0-12.1.5.2, or 11.6.1-11.6.5.2 processes requests with JSON payload, an unusually large number of parameters can cause excessive CPU usage in the BIG-IP ASM bd process.

CVE-2020-27718 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	MISC support.f5.com/csp/article/K58102101

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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 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 Advanced Web Application Firewall	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

```
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_advanced_web_application_firewall:*:*:*:*:*:*
```

```
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:*.*.*.*.*.*.*.*
```

No vendor comments have been submitted for this CVE

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