



# CVE-2016-6876

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-6876
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-09-07 19:28:00 UTC
<b>Updated</b>	2019-06-06 15:11:00 UTC
<b>Description</b>	The RESOLV::lookup iRule command in F5 BIG-IP LTM, APM, ASM, and Link Controller 10.2.1 through 10.2.4, 11.2.1, 11.4.0, 11.4.1, 11.5.0, 11.5.1, 11.5.2, 11.5.3, 11.5.4, 11.6.0, and 12.0.0 is not properly validated, which could allow an attacker to execute arbitrary code on the affected device.

## Risk And Classification

**Problem Types:** CWE-399

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F5	Big-ip Access Policy Manager	10.2.1	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.2	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.3	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.4	All	All	All
Application	F5	Big-ip Access Policy Manager	11.2.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.4.0	All	All	All
Application	F5	Big-ip Access Policy Manager	11.4.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.0	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.2	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.3	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.4	All	All	All
Application	F5	Big-ip Access Policy Manager	11.6.0	All	All	All
Application	F5	Big-ip Access Policy Manager	12.0.0	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.1	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.2	All	All	All
Application	F5	Big-ip Access Policy Manager	10.2.3	All	All	All

Application	F5	Big-ip Access Policy Manager	10.2.4	All	All	All
Application	F5	Big-ip Access Policy Manager	11.2.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.4.0	All	All	All
Application	F5	Big-ip Access Policy Manager	11.4.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.0	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.1	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.2	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.3	All	All	All
Application	F5	Big-ip Access Policy Manager	11.5.4	All	All	All
Application	F5	Big-ip Access Policy Manager	11.6.0	All	All	All
Application	F5	Big-ip Access Policy Manager	12.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.4.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.4.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.3	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.4	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.6.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.4.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.4.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.3	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.5.4	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	11.6.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.0.0	All	All	All
Application	F5	Big-ip Analytics	11.2.1	All	All	All
Application	F5	Big-ip Analytics	11.4.0	All	All	All
Application	F5	Big-ip Analytics	11.4.1	All	All	All
Application	F5	Big-ip Analytics	11.5.0	All	All	All
Application	F5	Big-ip Analytics	11.5.1	All	All	All
Application	F5	Big-ip Analytics	11.5.2	All	All	All





Application	F5	Big-ip Edge Gateway	11.2.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.3	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.4	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.2.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.4.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.4.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.3	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.4	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.6.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.3	All	All	All
Application	F5	Big-ip Global Traffic Manager	10.2.4	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.2.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.4.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.4.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.1	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.3	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.5.4	All	All	All
Application	F5	Big-ip Global Traffic Manager	11.6.0	All	All	All
Application	F5	Big-ip Link Controller	10.2.1	All	All	All
Application	F5	Big-ip Link Controller	10.2.2	All	All	All
Application	F5	Big-ip Link Controller	10.2.3	All	All	All
Application	F5	Big-ip Link Controller	10.2.4	All	All	All
Application	F5	Big-ip Link Controller	11.2.1	All	All	All
Application	F5	Big-ip Link Controller	11.4.0	All	All	All
Application	F5	Big-ip Link Controller	11.4.1	All	All	All
Application	F5	Big-ip Link Controller	11.5.0	All	All	All

Application	F5	Big-ip Link Controller	11.5.1	All	All	All
Application	F5	Big-ip Link Controller	11.5.2	All	All	All
Application	F5	Big-ip Link Controller	11.5.3	All	All	All
Application	F5	Big-ip Link Controller	11.5.4	All	All	All
Application	F5	Big-ip Link Controller	11.6.0	All	All	All
Application	F5	Big-ip Link Controller	12.0.0	All	All	All
Application	F5	Big-ip Link Controller	10.2.1	All	All	All
Application	F5	Big-ip Link Controller	10.2.2	All	All	All
Application	F5	Big-ip Link Controller	10.2.3	All	All	All
Application	F5	Big-ip Link Controller	10.2.4	All	All	All
Application	F5	Big-ip Link Controller	11.2.1	All	All	All
Application	F5	Big-ip Link Controller	11.4.0	All	All	All
Application	F5	Big-ip Link Controller	11.4.1	All	All	All
Application	F5	Big-ip Link Controller	11.5.0	All	All	All
Application	F5	Big-ip Link Controller	11.5.1	All	All	All
Application	F5	Big-ip Link Controller	11.5.2	All	All	All
Application	F5	Big-ip Link Controller	11.5.3	All	All	All
Application	F5	Big-ip Link Controller	11.5.4	All	All	All
Application	F5	Big-ip Link Controller	11.6.0	All	All	All
Application	F5	Big-ip Link Controller	12.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.3	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.4	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.2.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.4.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.4.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.3	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.4	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.6.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.2	All	All	All

Application	F5	Big-ip Local Traffic Manager	10.2.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.3	All	All	All
Application	F5	Big-ip Local Traffic Manager	10.2.4	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.2.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.4.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.4.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.3	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.5.4	All	All	All
Application	F5	Big-ip Local Traffic Manager	11.6.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.4.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.4.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.3	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.4	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.6.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.4.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.4.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.3	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.5.4	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	11.6.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.0.0	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.1	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.2	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.3	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.4	All	All	All
Application	F5	Big-ip Protocol Security Module	11.4.0	All	All	All

Application	F5	Big-ip Protocol Security Module	11.4.1	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.1	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.2	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.3	All	All	All
Application	F5	Big-ip Protocol Security Module	10.2.4	All	All	All
Application	F5	Big-ip Protocol Security Module	11.4.0	All	All	All
Application	F5	Big-ip Protocol Security Module	11.4.1	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.1	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.2	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.3	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.4	All	All	All
Application	F5	Big-ip Wan Optimization Manager	11.2.1	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.1	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.2	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.3	All	All	All
Application	F5	Big-ip Wan Optimization Manager	10.2.4	All	All	All
Application	F5	Big-ip Wan Optimization Manager	11.2.1	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.1	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.2	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.3	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.4	All	All	All
Application	F5	Big-ip Webaccelerator	11.2.1	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.1	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.2	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.3	All	All	All
Application	F5	Big-ip Webaccelerator	10.2.4	All	All	All
Application	F5	Big-ip Webaccelerator	11.2.1	All	All	All

## References

Reference	Source
<a href="https://support.f5.com/kb/en-us/solutions/public/k/52/sol52638558.html">support.f5.com/kb/en-us/solutions/public/k/52/sol52638558.html</a>	CONFIF
F5 BIG-IP DNS Resolver Bug Lets Remote Users Consume Excessive System Resources on the Target System - SecurityTracker	SECTR/
CVE Program record	CVE.OF
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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