



CVE-2019-6471

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Summary

CVE	CVE-2019-6471
State	PUBLIC
Assigner	security-officer@isc.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-10-09 16:15:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	A race condition which may occur when discarding malformed packets can result in BIND exiting due to a REQUIRE assert

Risk And Classification

Problem Types: CWE-362 | CWE-617

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F5	Big-ip Access Policy Manager	14.0.0	All	All	All
Application	F5	Big-ip Access Policy Manager	14.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	15.0.0	All	All	All
Application	F5	Big-ip Access Policy Manager	14.0.0	All	All	All
Application	F5	Big-ip Access Policy Manager	14.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	14.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	14.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	14.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Analytics	14.1.0	All	All	All
Application	F5	Big-ip Analytics	15.0.0	All	All	All
Application	F5	Big-ip Analytics	14.0.0	All	All	All
Application	F5	Big-ip Analytics	14.1.0	All	All	All
Application	F5	Big-ip Analytics	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	14.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	14.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	14.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	14.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	15.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	14.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	14.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Domain Name System	14.1.0	All	All	All

Application	F5	Big-ip Domain Name System	15.0.0	All	All	All
Application	F5	Big-ip Domain Name System	9.2.2	All	All	All
Application	F5	Big-ip Domain Name System	14.0.0	All	All	All
Application	F5	Big-ip Domain Name System	14.1.0	All	All	All
Application	F5	Big-ip Domain Name System	15.0.0	All	All	All
Application	F5	Big-ip Domain Name System	9.2.2	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 Edge Gateway	14.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	14.1.0	All	All	All
Application	F5	Big-ip Edge Gateway	15.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	14.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	14.1.0	All	All	All
Application	F5	Big-ip Edge Gateway	15.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Edge Gateway	All	All	All	All
Application	F5	Big-ip Fraud Protection Service	14.0.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	14.1.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.0.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	14.0.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	14.1.0	All	All	All
Application	F5	Big-ip Fraud Protection Service	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	14.1.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.0.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	9.2.2	All	All	All
Application	F5	Big-ip Global Traffic Manager	14.0.0	All	All	All

Application	F5	Big-ip Global Traffic Manager	14.1.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	15.0.0	All	All	All
Application	F5	Big-ip Global Traffic Manager	9.2.2	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	14.0.0	All	All	All
Application	F5	Big-ip Link Controller	14.1.0	All	All	All
Application	F5	Big-ip Link Controller	15.0.0	All	All	All
Application	F5	Big-ip Link Controller	9.2.2	All	All	All
Application	F5	Big-ip Link Controller	14.0.0	All	All	All
Application	F5	Big-ip Link Controller	14.1.0	All	All	All
Application	F5	Big-ip Link Controller	15.0.0	All	All	All
Application	F5	Big-ip Link Controller	9.2.2	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	14.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	14.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	14.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	14.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	15.0.0	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	14.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	14.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	9.2.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	14.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	14.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	15.0.0	All	All	All

References

Reference

myF5

support.f5.com/csp/article/K10092301

CVE-2019-6471: A race condition when discarding malformed packets can cause BIND to exit with an assertion failure - Security Advisories

CVE Program record

NVD vulnerability detail

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank CERN for helping us to discover this issue.

Legacy QID Mappings

[296081](#) Oracle Solaris 11.4 Support Repository Update (SRU) 12.5.0 Missing (CPUJUL2019)

[377151](#) Alibaba Cloud Linux Security Update for bind (ALINUX3-SA-2021:0025)

[500055](#) Alpine Linux Security Update for bind

[503736](#) Alpine Linux Security Update for bind

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