



CVE-2020-5941

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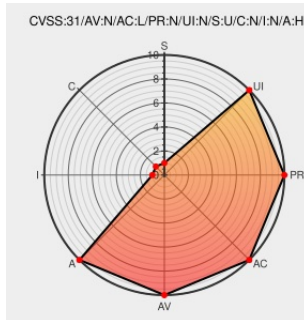
CVE-2020-5941

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

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

On BIG-IP versions 16.0.0-16.0.0.1 and 15.1.0-15.1.0.5, using the `RESOLV::lookup` command within an iRule may cause the Traffic Management Microkernel (TMM) to generate a core file and restart. This issue occurs when data exceeding the maximum limit of a hostname passes to the `RESOLV::lookup` command.

CVE-2020-5941 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/K03125360

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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 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 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 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 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 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 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_advanced_firewall_manager:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip advanced firewall manager:*:*:*:*:*.*
```

```
cpe:2.3:a:fb: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_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_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_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_policy_enforcement_manager.*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:.*:.*:.*:.*:.*:.*:.*:.*
```

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