



CVE-2019-6647

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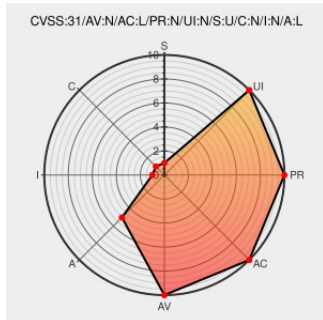
CVE-2019-6647

Source: [Mitre](#)

Source: [NIST](#)

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

On BIG-IP 14.1.0-14.1.0.5, 14.0.0-14.0.0.4, 13.0.0-13.1.2, 12.1.0-12.1.4.1, 11.5.2-11.6.4, when processing authentication attempts for control-plane users MCPD leaks a small amount of memory. Under rare conditions attackers with access to the management interface could eventually deplete memory on the system.

CVE-2019-6647 has been assigned by f5sirt@f5.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	LOW

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	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/K87920510

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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	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	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	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	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	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	14.0.0	All	All	All
Application	F5	Big-ip Analytics	14.1.0	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 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	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	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	14.0.0	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	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	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	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	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	14.0.0	All	All	All
Application	F5	Big-ip Edge Gateway	14.1.0	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 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	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	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	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	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	14.0.0	All	All	All
Application	F5	Big-ip Link Controller	14.1.0	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	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	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	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	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 Webaccelerator	14.0.0	All	All	All
Application	F5	Big-ip Webaccelerator	14.1.0	All	All	All
Application	F5	Big-ip Webaccelerator	14.0.0	All	All	All
Application	F5	Big-ip Webaccelerator	14.1.0	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
Application	F5	Big-ip Webaccelerator	All	All	All	All
cpe:2.3:a:f5:big-ip_access_policy_manager:14.0.0:****:****:						
cpe:2.3:a:f5:big-ip_access_policy_manager:14.1.0:****:****:						
cpe:2.3:a:f5:big-ip_access_policy_manager:14.0.0:****:****:						
cpe:2.3:a:f5:big-ip_access_policy_manager:14.1.0:****:****:						
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:14.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:14.1.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip advanced firewall manager:14.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:14.1.0:::*:*:*:*.*
```

```
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:14.0.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:14.1.0:*.~*~*~*~*~*~*~*~*~*
```

```
cpe:2.3:a:f5:big-ip_analytics:14.0.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:14.1.0:*:*:*:*:*:*:
```

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:14.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:14.1.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:14.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:14.1.0:::*:*:*:*:
```

```
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:14.0.0:*:*:*:*:*.*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:14.1.0:*:*:*:*:*.*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:14.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:14.1.0:*:*:*:*:*.*
```

```
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:14.0.0:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:14.1.0:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:14.0.0:*****:
cpe:2.3:a:f5:big-ip_domain_name_system:14.1.0:*****:
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_edge_gateway:14.0.0:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:14.1.0:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:14.0.0:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:14.1.0:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:*****:
cpe:2.3:a:f5:big-ip_edge_gateway:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:14.0.0:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:14.1.0:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:14.0.0:*****:
cpe:2.3:a:f5:big-ip_fraud_protection_service:14.1.0:*****:
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:14.0.0:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:14.1.0:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:14.0.0:*****:
cpe:2.3:a:f5:big-ip_global_traffic_manager:14.1.0:*****:
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:14.0.0:****:
cpe:2.3:a:f5:big-ip_link_controller:14.1.0:****:
cpe:2.3:a:f5:big-ip_link_controller:14.0.0:****:
cpe:2.3:a:f5:big-ip_link_controller:14.1.0:****:
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:14.0.0:****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:14.1.0:****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:14.0.0:****:
cpe:2.3:a:f5:big-ip_local_traffic_manager:14.1.0:****:
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:14.0.0:****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:14.1.0:****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:14.0.0:****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:14.1.0:****:
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_webaccelerator:14.0.0:****:
cpe:2.3:a:f5:big-ip_webaccelerator:14.1.0:****:
cpe:2.3:a:f5:big-ip_webaccelerator:14.0.0:****:
cpe:2.3:a:f5:big-ip_webaccelerator:14.1.0:****:
cpe:2.3:a:f5:big-ip_webaccelerator:****:
cpe:2.3:a:f5:big-ip_webaccelerator:****:
cpe:2.3:a:f5:big-ip_webaccelerator:****:

No vendor comments have been submitted for this CVE

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