



CVE-2017-6145

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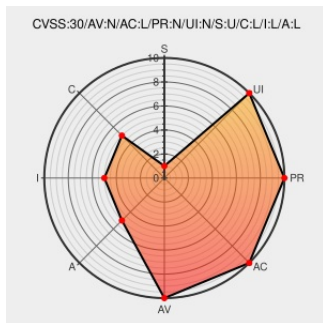
CVE-2017-6145

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

iControl REST in F5 BIG-IP LTM, AAM, AFM, Analytics, APM, ASM, DNS, Link Controller, PEM, and WebSafe 12.0.0 through 12.1.2 and 13.0.0 includes a service to convert authorization BIGIPAuthCookie cookies to X-F5-Auth-Token tokens. This service does not properly re-validate cookies when making that conversion, allowing once-valid but now expired cookies to be converted to valid tokens.

CVE-2017-6145 has been assigned by f5sirt@f5.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **F5 Networks, Inc. - F5 BIG-IP LTM, AAM, AFM, Analytics, APM, ASM, DNS, Link Controller, PEM, WebSafe version 12.0.0 through 12.1.2**

Affected Vendor/Software: **F5 Networks, Inc. - F5 BIG-IP LTM, AAM, AFM, Analytics, APM, ASM, DNS, Link Controller, PEM, WebSafe version 13.0.0**

CVSS3 Score: **7.3 - HIGH**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
No Description Provided	Mitigation Vendor Advisory support.f5.com text/html	 CONFIRM support.f5.com/csp/article/K22317030

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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	12.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	12.1.1	All	All	All
Application	F5	Big-ip Access Policy Manager	12.1.2	All	All	All
Application	F5	Big-ip Access Policy Manager	13.0.0	All	All	All
Application	F5	Big-ip Access Policy Manager	12.1.0	All	All	All
Application	F5	Big-ip Access Policy Manager	12.1.1	All	All	All
Application	F5	Big-ip Access Policy Manager	12.1.2	All	All	All
Application	F5	Big-ip Access Policy Manager	13.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	13.0.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.0	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.1	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	12.1.2	All	All	All
Application	F5	Big-ip Advanced Firewall Manager	13.0.0	All	All	All
Application	F5	Big-ip Analytics	12.1.0	All	All	All
Application	F5	Big-ip Analytics	12.1.1	All	All	All
Application	F5	Big-ip Analytics	12.1.2	All	All	All
Application	F5	Big-ip Analytics	13.0.0	All	All	All
Application	F5	Big-ip Analytics	12.1.0	All	All	All
Application	F5	Big-ip Analytics	12.1.1	All	All	All
Application	F5	Big-ip Analytics	12.1.2	All	All	All

Table 1: Applications and their supported versions						
Application	F5	Big-ip Analytics	13.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.1	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.2	All	All	All
Application	F5	Big-ip Application Acceleration Manager	13.0.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.0	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.1	All	All	All
Application	F5	Big-ip Application Acceleration Manager	12.1.2	All	All	All
Application	F5	Big-ip Application Acceleration Manager	13.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.1	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.2	All	All	All
Application	F5	Big-ip Application Security Manager	13.0.0	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.0	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.1	All	All	All
Application	F5	Big-ip Application Security Manager	12.1.2	All	All	All
Application	F5	Big-ip Application Security Manager	13.0.0	All	All	All
Application	F5	Big-ip Domain Name System	12.1.0	All	All	All
Application	F5	Big-ip Domain Name System	12.1.1	All	All	All
Application	F5	Big-ip Domain Name System	12.1.2	All	All	All
Application	F5	Big-ip Domain Name System	13.0.0	All	All	All
Application	F5	Big-ip Domain Name System	12.1.0	All	All	All
Application	F5	Big-ip Domain Name System	12.1.1	All	All	All
Application	F5	Big-ip Domain Name System	12.1.2	All	All	All
Application	F5	Big-ip Domain Name System	13.0.0	All	All	All
Application	F5	Big-ip Link Controller	12.1.0	All	All	All
Application	F5	Big-ip Link Controller	12.1.1	All	All	All
Application	F5	Big-ip Link Controller	12.1.2	All	All	All
Application	F5	Big-ip Link Controller	13.0.0	All	All	All
Application	F5	Big-ip Link Controller	12.1.0	All	All	All
Application	F5	Big-ip Link Controller	12.1.1	All	All	All
Application	F5	Big-ip Link Controller	12.1.2	All	All	All
Application	F5	Big-ip Link Controller	13.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.1.1	All	All	All

Application	F5	Big-ip Local Traffic Manager	12.1.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	13.0.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.1.0	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.1.1	All	All	All
Application	F5	Big-ip Local Traffic Manager	12.1.2	All	All	All
Application	F5	Big-ip Local Traffic Manager	13.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	13.0.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.0	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.1	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	12.1.2	All	All	All
Application	F5	Big-ip Policy Enforcement Manager	13.0.0	All	All	All
Application	F5	Big-ip Websafe	12.1.0	All	All	All
Application	F5	Big-ip Websafe	12.1.1	All	All	All
Application	F5	Big-ip Websafe	12.1.2	All	All	All
Application	F5	Big-ip Websafe	13.0.0	All	All	All
Application	F5	Big-ip Websafe	12.1.0	All	All	All
Application	F5	Big-ip Websafe	12.1.1	All	All	All
Application	F5	Big-ip Websafe	12.1.2	All	All	All
Application	F5	Big-ip Websafe	13.0.0	All	All	All
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.0:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.1:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.2:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:13.0.0:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.0:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.1:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:12.1.2:*****:.*:						
cpe:2.3:a:f5:big-ip_access_policy_manager:13.0.0:*****:.*:						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:12.1.0:*****:.*:						
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:12.1.1:*****:.*:						
cpe:2.3:a:f5:big-ip advanced firewall manager:12.1.2:*****:.*:						

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:13.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:12.1.0:::*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:12.1.1:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:12.1.2:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_advanced_firewall_manager:13.0.0:*:*:*:*:*
```

```
cpe:2.3:a:f5:big-ip_analytics:12.1.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:12.1.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:12.1.2:*:*:*:*:*:*:
```

cpe:2.3:a:f5:big-ip_analytics:13.0.0:*:*:*:*:*:*:

```
cpe:2.3:a:f5:big-ip_analytics:12.1.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:12.1.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:12.1.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_analytics:13.0.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.1:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.2:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:13.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.1:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:12.1.2:::*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_acceleration_manager:13.0.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.0:*:*:*:*:*:
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.1:::*:*:*:*.*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.2:*:*:*:*:*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:13.0.0:*:*:*:*:*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.0:::*:*:*:*.*
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.1:::~
```

```
cpe:2.3:a:f5:big-ip_application_security_manager:12.1.2:::*:*:*:*
```

cpe:2.3:a:f5:big-ip_application_security_manager:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_domain_name_system:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_link_controller:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_local_traffic_manager:13.0.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.0:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.1:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.2:~::~~::~~::~~::~~::~~::
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:13.0.0:~::~~::~~::~~::~~::~~::

cpe:2.3:a:f5:big-ip_policy_enforcement_manager:13.0.0:*****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.0:*****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.1:*****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:12.1.2:*****:
cpe:2.3:a:f5:big-ip_policy_enforcement_manager:13.0.0:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.0:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.1:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.2:*****:
cpe:2.3:a:f5:big-ip_websafe:13.0.0:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.0:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.1:*****:
cpe:2.3:a:f5:big-ip_websafe:12.1.2:*****:
cpe:2.3:a:f5:big-ip_websafe:13.0.0:*****:

No vendor comments have been submitted for this CVE

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