



CVE-2021-22981

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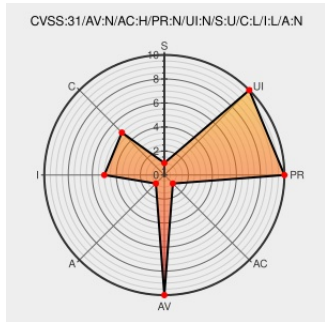
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CVE-2021-22981

Source: Mitre

Source: Nist

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

On all versions of BIG-IP 12.1.x and 11.6.x, the original TLS protocol includes a weakness in the master secret negotiation that is mitigated by the Extended Master Secret (EMS) extension defined in RFC 7627. TLS connections that do not use EMS are vulnerable to man-in-the-middle attacks during renegotiation. Note: Software versions which have reached End of Software Development (EoS) are not evaluated.

CVE-2021-22981 has been assigned by f5sirt@f5.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.8 - MEDIUM**

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

CVSS2 Score: **5.8 - MEDIUM**

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

CVE References

Description	Tags	Link
No Description Provided	Vendor Advisory support.f5.com	MISC support.f5.com/csp/article/K09121542

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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 Advanced Web Application Firewall	All	All	All	All
Application	F5	Big-ip Advanced Web Application Firewall	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 Ddos Hybrid Defender	All	All	All	All
Application	F5	Big-ip Ddos Hybrid Defender	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
Application	F5	Big-ip Ssl Orchestrator	All	All	All	All

cpe:2.3:a:f5:big-ip_ssl_orchestrator:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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