مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

High-Severity Vulnerabilities in F5 products

Tracking #:432316156

Date:16-08-2024

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed high-severity vulnerabilities in F5 products that could be exploited to cause denial-of-service (DoS) conditions and unauthorized access to affected systems

TECHNICAL DETAILS:

Vulnerabilities Details:

BIG-IP HSB Vulnerability (CVE-2024-39778)

- **CVSS Score:** 8.7 (High)
- **Impact:** Undisclosed requests can cause virtual servers to stop processing client connections, leading to TMM termination and system reboot. Traffic is disrupted during the reboot. On vCMP guests, manual reboot might be necessary.
- **Risk:** Remote, unauthenticated DoS attack.

BIG-IP TMM Vulnerability (CVE-2024-41727)

- **CVSS Score:** 8.7 (High)
- **Impact:** Undisclosed traffic can cause increased memory utilization, leading to degraded system performance and potential DoS.
- **Risk:** Remote, unauthenticated DoS attack.

BIG-IP Next Central Manager Vulnerability (CVE-2024-39809)

- **CVSS Score:** 8.9 (High)
- **Impact:** User session refresh tokens do not expire upon logout, allowing attackers to maintain unauthorized access.
- **Risk:** Account takeover and unauthorized access to managed systems.

NGINX Plus MQTT Vulnerability (CVE-2024-39792)

- **CVSS Score:** 8.7 (High)
- **Impact:** Undisclosed requests can cause increased memory utilization, leading to degraded system performance and potential DoS.
- **Risk:** Remote, unauthenticated DoS attack.

Affected products	Affected Versions	Fixed Versions
BIG-IP Next Central Manager	20.1.0	20.2.0
BIG-IP (all modules)	17.1.0 16.1.0 - 16.1.4 15.1.0 - 15.1.10	17.1.1 16.1.5
NGINX Plus	R30 - R32	R32 P1 R31 P3

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the fixed or latest versions released by F5.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://my.f5.com/manage/s/article/K000140552