F5 BigIP Unauthenticated Remote Code Execution Vulnerability

CVE-ID:

CVE-2022-1388

CVSS and impact:

Score: 9.8 (Critical)

This vulnerability may allow an unauthenticated attacker with network access to the BIG-IP system through the management port and/or self-IP addresses to execute arbitrary system commands, create or delete files, or disable services. There is no data plane exposure; this is a control plane issue only.

Impacted Products:

All the F5 Big-IP modules are affected by this vulnerability, and the versions which are known to be vulnerable are as follows:

16.1.0 - 16.1.2, 15.1.0 - 15.1.5, 14.1.0 - 14.1.4, 13.1.0 - 13.1.4, 12.1.0 - 12.1.6, 11.6.1 - 11.6.5.

Customer Base of Product:

According to Shodan shows there are at least 15,890 BIG-IP products exposed to the internet, leaving them potentially vulnerable to CVE-2022-1388. There are 3,770 vulnerable instances in the US, followed by 1,396 in China and 897 in India.

Exploit (Proof Of Concept):



Recommendation and Advisory

If you are running a version listed above, you can eliminate this vulnerability by installing the latest version available on the official website.