CVE-2017-7670

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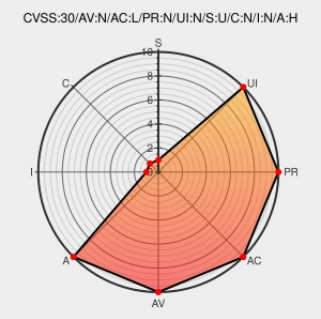
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Traffic Control from Apache contain the following vulnerability:

The Traffic Router component of the incubating Apache Traffic Control project is vulnerable to a Slowloris style Denial of Service attack. TCP connections made on the configured DNS port will remain in the ESTABLISHED state until the client explicitly closes the connection or Traffic Router is restarted. If connections remain in the ESTABLISHED state indefinitely and accumulate in number to match the size of the thread pool dedicated to processing DNS requests, the thread pool becomes exhausted. Once the thread pool is exhausted, Traffic Router is unable to service any DNS request, regardless of transport protocol.

CVE-2017-7670 has been assigned by security@apache.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Apache Software Foundation** - **Apache Traffic Control** version **1.8.0 incubating**

Affected Vendor/Software: **Apache Software Foundation** - **Apache Traffic Control** version **2.0.0 RC0 incubating**

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

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

NONE | NONE | PARTIAL

CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	MLIST [trafficcontrol-commits] 20190906 [trafficcontrol-website] branch asf-site updated: Adds CVE-2019-12405 to security page
Pony Mail!	lists.apache.org text/html	MLIST [trafficcontrol-commits] 20210616 [trafficcontrol-website] branch asf-site updated: Fix CVE-2020-17522 link
Pony Mail!	Mailing List Vendor Advisory lists.apache.org text/html	MLIST [users] 20170707 Apache Traffic Control Traffic Router Slowloris Denial of Service Vulnerability - CVE-2017-7670

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Traffic Control	1.8.1	rc0	All	All
Application	Apache	Traffic Control	2.0.0	rc1	All	All
Application	Apache	Traffic Control	2.0.0	rc2	All	All
Application	Apache	Traffic Control	2.0.0	rc3	All	All
Application	Apache	Traffic Control	2.0.0	rc4	All	All
Application	Apache	Traffic Control	2.0.0	rc5	All	All
Application	Apache	Traffic Control	2.0.0	rc6	All	All
Application	Apache	Traffic Control	1.8.1	rc0	All	All
Application	Apache	Traffic Control	2.0.0	rc1	All	All
Application	Apache	Traffic Control	2.0.0	rc2	All	All
Application	Apache	Traffic Control	2.0.0	rc3	All	All
Application	Apache	Traffic Control	2.0.0	rc4	All	All
Application	Apache	Traffic Control	2.0.0	rc5	All	All
Application	Apache	Traffic Control	2.0.0	rc6	All	All
Application	Apache	Traffic Control	All	All	All	All

cpe:2.3:a:apache:traffic_control:1.8.1:rc0:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc3:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc4:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc5:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc6:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:1.8.1:rc0:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc3:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc4:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc5:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:2.0.0:rc6:*:*:*:*:*:*:

cpe:2.3:a:apache:traffic_control:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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