

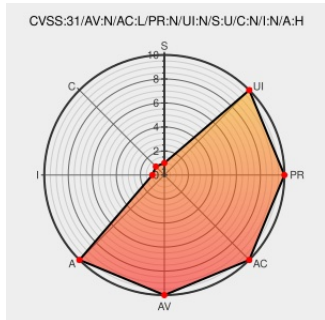


CVE-2022-46770

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CVE-2022-46770

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Mirage Firewall](#) from [Linuxfoundation](#) contain the following vulnerability:

qubes-mirage-firewall (aka Mirage firewall for QubesOS) 0.8.x through 0.8.3 allows guest OS users to cause a denial of service (CPU consumption and loss of forwarding) via a crafted multicast UDP packet (IP address range of 224.0.0.0 through 239.255.255.255).

CVE-2022-46770 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

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

CVE References

Description	Tags	Link
Qubes Mirage Firewall 0.8.3 Denial Of Service ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/171610/Qubes-Mirage-Firewall-0.8.3-Denial-Of-Service.html
Mirage v0.8.x DoS from untrusted Qube by sending arbitrary UDP payload · Issue #166 · mirage/qubes-mirage-firewall · GitHub	github.com text/html	MISC github.com/mirage/qubes-mirage-firewall/issues/166

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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	Linuxfoundation	Mirage Firewall	All	All	All	All
cpe:2.3:a:linuxfoundation:mirage_firewall:*:*:*:*:qubesos:*:*:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVereport	CVE-2022-46770 : qubes-mirage-firewall aka Mirage firewall for QubesOS 0.8.x through 0.8.3 allows guest OS users... twitter.com/i/web/status/1...					2022-12-07 20:05:52
 /r/netcve	CVE-2022-46770					2022-12-07 21:41:36
 /r/Team_IT_Security	#0daytoday #qubes-mirage-firewall v0.8.3 - Denial Of Service Exploit CVE-2022-46770 [dos #exploits #0day #Exploit]					2023-04-05 21:42:20
← Previous ID			Next ID →			