



CVE-2021-29978

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

Certain versions of [Mozilla Vpn](#) from [Mozilla](#) contain the following vulnerability:

Multiple low security issues were discovered and fixed in a security audit of Mozilla VPN 2.x branch as part of a 3rd party security audit. This vulnerability affects Mozilla VPN < 2.3.

CVE-2021-29978 has been assigned by [m](#) security@mozilla.org to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [m](#) **Mozilla** - **Mozilla VPN** version < 2.3

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

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

CVE References

Description	Tags	Link
FVP-02-003 General: Balrog incorrectly verifies certificate chain · Issue #798 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/798

FVP-02-005 WP1-3: Authenticationlistener allows disturbance of login · Issue #800 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/800
FVP-02-002 WP1: Balrog does not verify certificate chain on macOS · Issue #797 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/797
FVP-02-012 WP5: Unencrypted shared preferences · Issue #808 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/808
FVP-02-010 WP5: Android app supports insecure v1 signature · Issue #805 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/805
FVP-02-008 WP5: Android app allows backups of application data · Issue #803 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/803
FVP-02-014 General: Cross-site WebSocket hijacking · Issue #810 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/810
FVP-02-009 WP5: Secure flag missing on views for Android app · Issue #804 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/804
Multiple Low Security Issues in Mozilla VPN — Mozilla	www.mozilla.org text/html	 MISC www.mozilla.org/security/advisories/mfsa2021-31/
FVP-02-006 WP3: Race condition in Ping Sender could expose gateway IP · Issue #801 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/801
FVP-02-013 WP5: Android app exposes sensitive data to system logs · Issue #809 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/809
FVP-02-005 WP1-3: Authenticationlistener allows disturbance of login by bakulf · Pull Request #816 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/pull/816
FVP-02-016 OAuth: Auth code could be leaked by injecting port · Issue #812 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/812
FVP-02-011 API: Information disclosure via device endpoint · Issue #806 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/806
FVP-02-004 WP4: ATS policy unnecessarily weakened · Issue #799 · mozilla-mobile/mozilla-vpn-client · GitHub	github.com text/html	 MISC github.com/mozilla-mobile/mozilla-vpn-client/issues/799
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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	Mozilla	Mozilla Vpn	All	All	All	All
cpe:2.3:a:mozilla:mozilla_vpn:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-29978 : Multiple low security issues were discovered and fixed in a security audit of Mozilla VPN 2.x bran... twitter.com/i/web/status/1...	2021-08-05 20:16:16

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