Release Notes - Barracuda NAC/VPN Client 5.3 for Windows

https://campus.barracuda.com/doc/96767330/

Barracuda NAC 5.3 for Windows

This is a 5.3.x Feature Release containing several architectural changes. Before starting a production rollout, please consider whether a Maintenance Release or a Feature Release is the best version for your requirements balanced against risk. We always recommend that you test the client in your own environment and then do a staged iterative rollout in order to quickly identify any issues running the client in your specific environment.

Before installing the new software version, back up your configuration and read all of the release notes that apply to the versions that are more current than the version that is running on your system.

Do not manually reboot your system at any time while the update is in process, unless otherwise instructed by Barracuda Networks Technical Support.

Download this Release

You can download the install files for the Barracuda Network Access Client from http://login.barracudanetworks.com or from the Microsoft App Store.

System Requirements

Operating Systems	• Windows 10 64-bit, Windows 10 ARM64 • Windows 11 64-Bit, Windows 11 ARM64 • .NET Framework 4.7.2 or higher: https://dotnet.microsoft.com/download/dotnet-framework • Microsoft Visual C++ 2019 Redistributable (ARM64 only): https://aka.ms/vs/16/release/VC_redist.arm64.exe

Version 5.3.4

- Barracuda Network Access Client version 5.3.4 contains all improvements and features delivered with version 5.3.3.
- Updating to Barracuda Network Access Client 5.3.4 is possible for any prior version.

What's New with Barracuda Network Access Client 5.3.4

- AD probing can now be restricted to a configurable port and uses only LDAPS by default. (BNNGF-90949)
- A new troubleshooting menu option for clearing browser cookies (SAML authentication) has been added. (BNNGF-92109)

Improvements Included with Barracuda Network Access Client 5.3.4

- AD probing is now working properly when no DNS server is reachable. (BNNGF-75204)
- An issue with packet loss on the virtual adapter under high traffic load has been fixed. (BNNGF-88191)
- Network route is now introduced properly when using an access control service. (BNNGF-90202)
- Credential provider installation status on ARM64 is now detected properly. (BNNGF-90345)

Version 5.3.3

- Barracuda Network Access Client version 5.3.3 contains all improvements and features delivered with version 5.3.2.
- Updating to Barracuda Network Access Client 5.3.3 is possible for any prior version.

Improvements Included with Barracuda Network Access Client 5.3.3

- VPN service no longer crashes when disconnected from VPN. (BNNGF-87586, BNNGF-86895)
- Network routes are now introduced correctly if Automatic Private IP Addressing (APIPA) is disabled. (BNNGF-87284)
- Network routes are now introduced appropriately if prior VPN connection was not terminated correctly. (BNNGF-89196)
- Installation of Credential Provider on ARM64 is now working correctly. (BNNGF-89565)
- Packets with incomplete/malformed IP header are no longer sent through VPN tunnel. (BNNGF-89555)

Version 5.3.2

- Barracuda Network Access Client version 5.3.2 contains all improvements and features delivered with version 5.3.1.
- Updating to Barracuda Network Access Client 5.3.2 is possible for any prior version.

What's New with Barracuda Network Access Client 5.3.2

- Barracuda Network Access Client is now available from the Microsoft App Store. (BNNGF-84784)

Improvements Included with Barracuda Network Access Client 5.3.2

- Version 5.3.2 only contains a small change that was needed for publishing the client on the Microsoft Store.

Version 5.3.1

- Barracuda Network Access Client version 5.3.1 contains all improvements and features delivered with version 5.3.0.
- Updating to Barracuda Network Access Client 5.3.1 is possible for any prior version.

What's New with Barracuda Network Access Client 5.3.1

- VPN reconnect process no longer gets stuck when using SAML authentication. (BNNGF-81657)
- VPN profiles created on older NAC versions are now migrated properly. (BNNGF-83236)

Version 5.3.0

- Barracuda Network Access Client version 5.3.0 contains all improvements and features delivered with version 5.2.x.
- Updating to Barracuda Network Access Client 5.3.0 is possible for any prior version.

What's New with Barracuda Network Access Client 5.3.0

- As of Barracuda Network Access Client version 5.3.0, administrators can limit the number of VPN connection attempts.
- VPN client now supports DNS-resolved VPN routes. (BNNGF-76270) *)
- Support for additional encryption algorithms and key agreement protocols has been added. (BNNGF-75860) *)
- Support for "Optimized" tunnel mode has been added. (BNNGF-75941) *)
- Client can now use a server-configured certificate chain with the VPN server certificate. (BNNGF-76773) *)
- NAC Light now supports disk encryption checks. (BNNGF-72949) *)
- VPN client can now use a server-configured MTU size for the virtual adapter. (BNNGF-76494) *)

*) requires Barracuda CloudGen Firewall 8.3.0 or higher

- Barracuda Network Access Client 5.3.0 supports Barracuda CloudGen WAN Personal Access for point-to-site connections from the VPN client to the VPN service of Barracuda CloudGen WAN. For more information, see How to Enable Personal Access Using the Authentication Client and Barracuda CloudGen WAN / User Connectivity & Personal Security.
- Barracuda Network Access Client 5.3.0 supports ARM64 hardware platform. (BNNGF-64759)

Improvements Included with Barracuda Network Access Client 5.3.0

- OS version reporting for VPN clients has been improved. (BNNGF-80163)
- UI behavior when displaying welcome messages has been improved. (BNNGF-75559)
- Users can now delete associated Windows Credential Manager entries when removing a VPN profile. (BNNGF-67295)
- Client no longer crashes when tunnel compression is processing certain non-IP packets. (BNNGF-81389)
- AD probing behavior has been improved. (BNNGF-81359, BNNGF-81286)
- A displaying issue in the Authentication Client has been fixed. (BNNGF-81137)
- Personal Firewall: Display of IGMP packets has been improved. (BNNGF-58210)
- Alternate port is now used properly during VPN reconnection attempts. (BNNGF-81507)
- VPN connect process no longer loops when using fallback profiles. (BNNGF-81129)