

## Release Notes - Barracuda NAC/VPN Client 5.2 for Windows

<https://campus.barracuda.com/doc/94539770/>

### Barracuda NAC 5.2 for Windows

This is a 5.2.x Feature Release containing several architectural changes. Before starting a production roll-out, 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 roll-out 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>

#### System Requirements

<b>Operating Systems</b>	<ul style="list-style-type: none"><li>• Windows 10 64-bit, Windows 10 ARM64</li><li>• Windows 11 64-Bit, Windows 11 ARM64</li><li>• .NET Framework 4.7.2 or higher: - <a href="https://dotnet.microsoft.com/download/dotnet-framework">https://dotnet.microsoft.com/download/dotnet-framework</a></li><li>• Microsoft Visual C++ 2019 Redistributable (ARM64 only) - <a href="https://aka.ms/vs/16/release/VC_redist.arm64.exe">https://aka.ms/vs/16/release/VC_redist.arm64.exe</a></li></ul>
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#### Version 5.2.3

- Barracuda Network Access Client version 5.2.3 is the direct successor to Barracuda Network Access Client version 5.2.2 and contains all improvements and features delivered with version 5.2.2.
- Updating to Barracuda Network Access Client 5.2.3 is possible for any prior version.

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## Improvements Included with Barracuda Network Access Client 5.2.3

- 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)
- VPN reconnect process no longer gets stuck when using SAML authentication. (BNNGF-82798)

## Version 5.2.2

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- Barracuda Network Access Client version 5.2.2 is the direct successor to Barracuda Network Access Client version 5.2.1 and contains all improvements and features delivered with version 5.2.1.
- Updating to Barracuda Network Access Client 5.2.2 is possible for any prior version.

## What's New with Barracuda Network Access Client 5.2.2

- Barracuda Network Access Client version 5.2.2 supports OS detection for Windows 11. (BNNGF-78137)

## Improvements Included with Barracuda Network Access Client 5.2.2

- VPN now reconnects correctly when OS returns from sleep mode and Direct Access is enabled. (BNNGF-74871)
- Fast Reconnect now works correctly when OS returns from sleep mode. (BNNGF-78805)
- A vulnerability in the installer's MSI repair functionality has been fixed. (BNNGF-79500)
- Single Sign-On now works correctly when using a down-level logon name. (BNNGF-78035)

## Version 5.2.1

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- Barracuda Network Access Client version 5.2.1 is the direct successor to Barracuda Network Access Client version 5.2.0 and contains all improvements and features delivered with version 5.2.0.
- Updating to Barracuda Network Access Client 5.2.1 is possible for any prior version.

## What's New with Barracuda Network Access Client 5.2.1

- Barracuda Network Access Client version 5.2.1 supports Barracuda CloudGen WAN sites. For more information, see [Barracuda CloudGen WAN](#) / [User Connectivity & Personal Security](#). (BNNGF-71798)

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## Improvements Included with Barracuda Network Access Client 5.2.1

- RSA "New PIN" dialog is now shown when using Barracuda License Authentication. (BNNGF-71115)
- Loading Personal Firewall ruleset via VPN now works correctly. (BNNGF-72371)
- User Principal Names (UPN) can now be used with Single Sign-On. (BNNGF-73717)
- Auto-repair VPN Adapter functionality no longer fails with an error message. (BNNGF-73089)
- VPN Client no longer crashes if Tunnel Compression is used. (BNNGF-71648)
- Using a fallback VPN profile with AD probing no longer causes high CPU load. (BNNGF-73186)
- DNS name can now be used to specify Access Control Service host. (BNNGF-74735)

## Version 5.2.0

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- Barracuda Network Access Client version 5.2.0 is the direct successor to Barracuda Network Access Client version 5.1.2 and contains all improvements and features delivered with version 5.1.2.
- Updating to Barracuda Network Access Client 5.2.0 is possible for any prior version.

## What's New with Barracuda Network Access Client 5.2.0

- Barracuda Network Access Client 5.2.0 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 5.2.0 supports ARM64 hardware platform. (BNNGF-64759)

## Improvements Included with Barracuda Network Access Client 5.2.0

- Barracuda Firewall Authentication Client functionality has been implemented. (BNNGF-66437)
- Support for SAML authentication has been implemented. (BNNGF-63047)
- DNS Leak Protection functionality has been implemented. When the VPN connection is activated, DNS Leak Protection blocks outgoing DNS requests on all adapters with the exception of the VPN adapter. This ensures that all DNS queries are made securely via VPN. (BNNGF-66558)
- VPN adapter monitoring/auto-repair has been implemented. (BNNGF-66652)
- Using the same MAC address on multiple network interfaces is now possible in the Personal Firewall. (BNNGF-64940)
- DNS-based network objects are now supported in the Personal Firewall. (BNNGF-55320)
- "Remember credentials" is now possible with Barracuda License VPN profiles. (BNNGF-66689)
- VPN now automatically reconnects when switching between network interfaces. (BNNGF-66287)
- VPN Registry Check Rules in HKEY\_CURRENT\_USER are now executed properly. (BNNGF-66162)
- Functionality of MSI parameters for unattended installations has been fixed. (BNNGF-68738)
- Direct Access no longer tries to reconnect if VPN server reports errors. (BNNGF-65702)
- AD probing no longer returns an error when a DC is present. (BNNGF-63143)

- Invalid DNS packets are no longer sent through VPN tunnel when ENA is enabled.  
(BNNGF-60739)
- Link-local and loopback IP addresses are no longer reported to Access Control service.  
(BNNGF-66018)
- Personal Firewall driver no longer crashes when returning from hibernation state.  
(BNNGF-64079)

SAML authentication requires Barracuda CloudGen WAN or Barracuda CloudGen Firewall with firmware version 8.2.0 or higher. To use SAML authentication, an Advanced Remote Access subscription is required.

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