

## NAC PowerShell for Windows

<https://campus.barracuda.com/doc/75696491/>

The Barracuda Network Access Client for Windows allows administrators and users to configure and control the VPN client via command-line interface.

```
Cmdlet Help: <cmdlet name> -?

PS C:\Program Files\Barracuda\Network Access Client> Connect-VPN -?

NAME
    Connect-VPN

SYNTAX
    Connect-VPN [-ProfileID] <string> [-ProfileContext] <VPNProfileContext> {Machine | User} [[-UserName] <string>]
    [[-UserPassword] <securestring>] [[-ProxyUserName] <string>] [[-ProxyUserPassword] <securestring>]
    [[-CertificateOrLicensePassword] <securestring>] [[-RetryCount] <int>] [<CommonParameters>]

ALIASES
    None

REMARKS
    None

PS C:\Program Files\Barracuda\Network Access Client>
```

The following commands are available:

- **Add-AppCertificateAuthority** - Offers the option to add a CA certificate to the app-internal store. Only a single certificate can be imported and all common formats as they can be used on Windows are supported (e.g., .PFX, .P12, .CER, .CRT,...).
- **Add-PolicyServer** - Add a policy server.
- **Add-VPNProfile** - Create a VPN profile. Enter description, context, address, and authentication details as prompted.
- **Clear-MasterPassword** - Delete the master password.
- **Clear-PolicyServerDHCP** - Clear the cache of the policy server if configured.
- **Connect-VPN** - Initiate a connection using a configured VPN profile.
- **Disable-PersonalFirewall** - Disable the Personal Firewall.
- **Disconnect-VPN** - Terminate a VPN connection.
- **Enable-PersonalFirewall** - Enable the Personal Firewall.
- **Export-NACAppConfiguration** - Export the Network Access Client configuration.
- **Export-VPNProfile** - Export a configured VPN profile.
- **Get-AppCertificateAuthority** - Show CA certificates from the app-internal store.
- **Get-HealthAgentSettings** - Display the settings of the Barracuda Health Agent if configured.
- **Get-MasterPasswordStatus** - Show the status of the master password if configured.
- **Get-PolicyServer** - Show the details of a policy server.
- **Get-VPNConnectionStatus** - Show the status of a VPN connection.
- **Get-VPNProfile** - Show the details of a configured VPN profile.

- `Get-VPNSettings` - Display the VPN settings as configured.
- `Import-NACAppConfiguration` - Import a Network Access Client configuration.
- `Import-VPNProfile` - Import a VPN Profile.
- `Remove-AppCertificateAuthority` - Remove a CA certificate from the app-internal store.
- `Remove-PolicyServer` - Remove the policy server if configured.
- `Remove-VPNProfile` - Delete a configured VPN profile.
- `Set-HealthAgentSettings` - Configure the Barracuda Health Agent.
- `Set-MasterPassword` - Set the master password.
- `Set-VPNProfile` - Create a VPN profile.
- `Set-VPNSettings` - Configure VPN settings.
- `Set-WindowsCredentials` - Set Microsoft Windows credentials.
- `Start-HealthValidation` - Initiate a health check using the Barracuda Health Agent.
- `Stop-NetworkAccessClient` - Turn off the application.

For detailed syntax information of each command, type `-?` after the cmdlet (for example: `C:\WINDOWS\system32> Connect-VPN -?`).

## Figures

1. mgmt\_nac1.png

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