

# macOS VPN Client

## Release Notes 2.0

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# 1 Preamble

The following release notes provide a detailed description of the features, improvements, fixes, known issues and limitations in the various releases of the macOS VPN Client.

## 2 TheGreenBow macOS VPN Client 2.0.19

Features, improvements, and fixes since release 2.0.4:

### 2.1 Features

- CA management is now included in the UI
- Now supports configuration files from the Windows VPN Client that include PKI checks
- **More Parameters** tab is now included in the UI

### 2.2 Improvements

- Improved logging and exception handling on startup
- OpenSSL library has been updated to version 1.1.1n

### 2.3 Fixes

- Virtual IP address is now correctly updated in CP mode (get configuration from gateway)
- English is now used as the default language
- Local ID is no longer lost when loading configuration file
- Fixes Child SA rekeying when DH mode is set to **Auto**
- DPD messages with old SPIs are now ignored
- Fixes issues with some certificates that use SHA-512

### 2.4 Limitations

- IPv6 is not supported
- Activation window is only displayed on initial startup

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## 3 Previous versions

### 3.1 TheGreenBow macOS VPN Client 2.0.4

Features, improvements, and fixes since release 2.0.3:

#### 3.1.1 Features

- The following languages have been added to the UI: Arabic, Czech, Danish, German, Greek, Spanish, Finnish, Hungarian, Hindi, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Portuguese, Romanian, Slovenian, Bosnian, Thai, Turkish, Chinese, Farsi
- Configuration file is now encrypted; old configuration file will be encrypted when re-saved
- Accepts encrypted configuration files from TheGreenBow Windows Enterprise VPN Client 6.85
- VPN client now sets a default route for full tunnels (all traffic within tunnel)

#### 3.1.2 Improvements

- OpenSSL library has been updated to version 1.1.1k
- UDP encapsulation is now enforced
- Traffic to remote network now allowed even if local and remote network are in same IP range
- All logs are now saved into files (simplifies sending logs to TheGreenBow's support team)
- **DNS servers** field in user interface is now disabled when **CP mode** is selected
- Deprecated algorithms (DES, 3DES, MD5, SHA1, DH1, DH2, DH5) have been removed
- Menus and menu items have been rearranged in the UI for better clarity
- EULA is now available in both French and English

#### 3.1.3 Fixes

- DNS suffix is now correctly used when configured
- The keyboard shortcut for saving is now working again
- Fixes issue with Console not showing sometimes

## 3.2 TheGreenBow macOS VPN Client 2.0.3

Features, improvements, and fixes since release 2.0.0:

### 3.2.1 Features

- Gateway Certificate Authorities (CA) can now be imported into the VPN Client
- Ability to force the VPN Client to only open a tunnel when the gateway's CAs are valid
- Added "More Parameters" menu item, used to set bandwidth limitation

### 3.2.2 Improvements

- License activation can now be reset
- OpenSSL library has been updated to version 1.1.1j

### 3.2.3 Fixes

- "About..." window is now correctly displayed

## 3.3 TheGreenBow macOS VPN Client 2.0.0

Features, improvements, and fixes since release 1.2.7:

### 3.3.1 Features

- Adds ability to retrieve VPN configuration from gateway
- Adds 15-day grace period at end of subscription
- Bandwidth management
- EAP pop up for authentication

### 3.3.2 Improvements

- OpenSSL library has been updated to version 1.1.1.i
- Supports request for "mode-cfg type 3" to receive DNS from gateway
- General stability fixes

### 3.3.3 Fixes

- Corrects issues related to language translation

## 3.4 TheGreenBow macOS VPN Client 1.2.7

Features, improvements, and fixes since initial release:

### 3.4.1 Features

- App can now be downloaded directly from TheGreenBow web site
- App must now be activated with a license key from TheGreenBow
- App is now distributed as a DMG installer
- Support for OpenVPN (SSL tunnels)
- Adds AES-CTR and AES-GCM encryption methods
- Adds DH Groups 19-21 (Elliptic Curves)
- Adds Trace Mode
- Adds Dark Mode support
- French language is now supported

### 3.4.2 Fixes

- Fixes editing issue when clicking on the tunnel name
- Fixes crash when trying to open an empty IKEv2 tunnel
- Dead Peer Detection now correctly used to close tunnel when no traffic is detected
- All IKEv2 identity types are now correctly saved in configuration file

**Protect your connections**  
in any situation

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