

Managed VPN Gateway for AWS Powered by AmneziaWG

Quick Start Guide

1. Prerequisites

- AWS account
- EC2 key pair
- Security Group configured to allow HTTPS and VPN traffic
- Elastic IP address (recommended)

2. Launch the Marketplace AMI

1. Subscribe to the Marketplace product.
2. Launch an EC2 instance using the AMI.
3. Associate an Elastic IP (recommended).
4. Wait for initialization to complete.

Security Group Configuration

Configure the EC2 instance's Security Group to allow the following inbound traffic:

Protocol	Port	Purpose
TCP	443	HTTPS access to the management portal
UDP	51820	AmneziaWG VPN tunnel

3. Access the Management Portal

Browse to <https://<Elastic-IP>> or <https://<Public-IP>>.

A self-signed HTTPS certificate is installed by default. Your browser will display a security warning on first access. This is expected. Continue to the website after reviewing the warning.

4. Administrator Login

Username: **admin**

Retrieve the administrator password by running the following command on the EC2 instance:

```
sudo cat /etc/amnezia/amneziawg/server-metadata.env | grep ServerPublicKey | cut -d= -f2 | cut -c1-12
```

The first 12 characters of the server public key are used as

Note: the administrator password. The administrator password cannot be changed in the current release.

Sign in

https://35.172.222.248

Username

Password

Figure 1 - Login Screen

5. Management Portal

After signing in you can:

- Create VPN client profiles
- Download client configuration files
- Delete client profiles when no longer needed

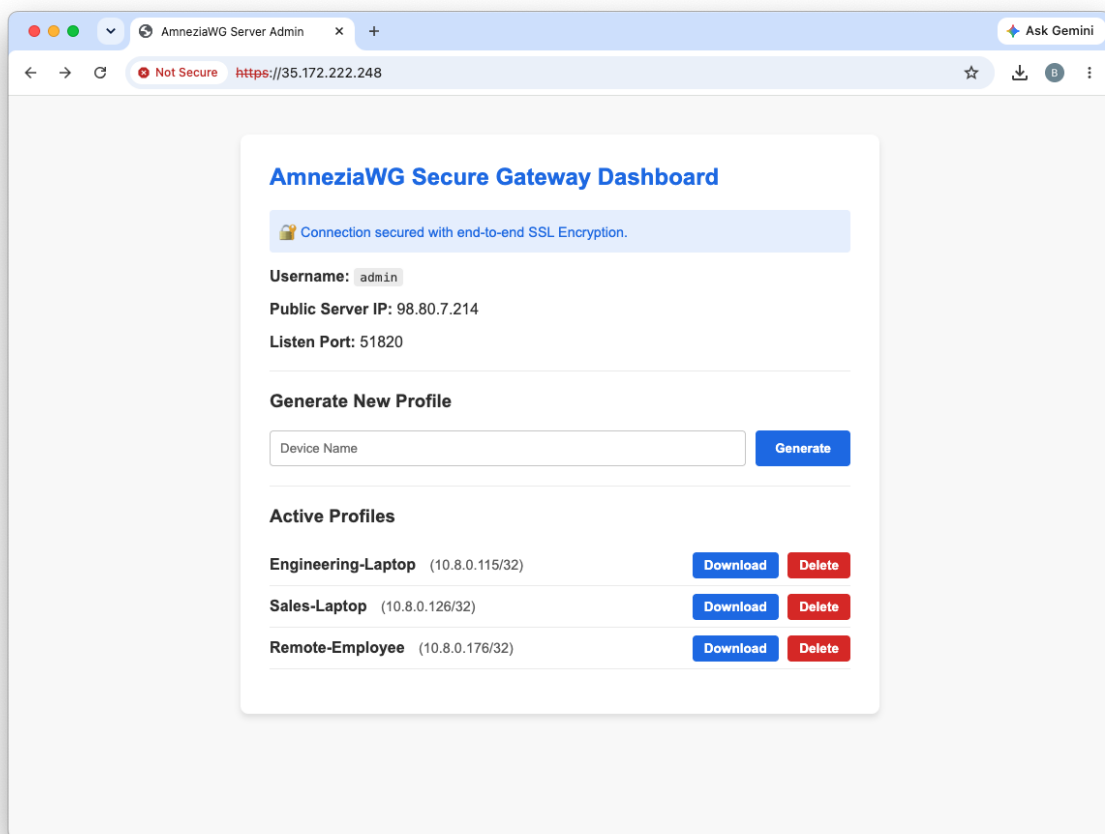


Figure 2 - Management Portal

6. Downloading Client Configurations

Click **Download** next to the desired client.

If your browser displays the configuration instead of downloading it automatically, save the displayed configuration as a file named:

<client-name>.conf

Example:

Engineering-Laptop.conf

7. Importing into the AmneziaWG Client

- Open the AmneziaWG client application.
- Select **Import from File** (or the equivalent option for your platform).
- Select the saved **.conf** file.
- Save the profile.
- Connect to the VPN.

8. Troubleshooting

Some browsers may save the configuration in a format that the client cannot import. If importing fails:

1. Copy the displayed configuration.
2. Paste it into a plain text editor.
 - Windows: Notepad
 - macOS: TextEdit in Plain Text mode
 - Linux: Any plain text editor
3. Save the file as UTF-8 using a .conf extension.
4. Import the new .conf file into the AmneziaWG client.

9. Support

Email:

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