

OpenVPN Client Retrieval Guide

This document explains how to securely retrieve your OpenVPN profile (.ovpn) from AWS Systems Manager Parameter Store and import it into your OpenVPN client.

1. Prerequisites

Make sure you have:

- AWS CLI v2 installed
- OpenVPN client installed (Windows: OpenVPN Connect, macOS: Tunnelblick/OpenVPN Connect, Linux: openvpn)
- AWS credentials configured with `ssm:GetParameter` and `kms:Decrypt` permissions

2. Fetch Your Profile

Replace with your assigned VPN username:

```
aws ssm get-parameter \
  --name "/client-a/openvpn/clients/<username>.ovpn" \
  --with-decryption \
  --query Parameter.Value \
  --output text > <username>.ovpn
```

Example

For user senthilr:

```
aws ssm get-parameter \
  --name "/client-a/openvpn/clients/senthilr.ovpn" \
  --with-decryption \
  --query Parameter.Value \
  --output text > senthilr.ovpn
```

3. Import into OpenVPN Client

- Windows/macOS (OpenVPN Connect): 1. Open the app. 2. Click "Import Profile". 3. Select the .ovpn file. - macOS (Tunnelblick): 1. Double-click the .ovpn file. 2. Choose "Only Me" or "All Users". - Linux CLI:

```
sudo openvpn --config <username>.ovpn
```

4. Updating Profile

If your profile is reissued or rotated, fetch it again with the same AWS CLI command and re-import it.

■ You are now ready to connect to the VPN using your profile.