



# PALO ALTO

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## How To Enable OpenOTP Authentication in Palo Alto SSL VPN

This document explains how to enable OpenOTP authentication in Palo Alto SSL VPN.

### 1. Register your Palo Alto VPN in RadiusBridge

On your OpenOTP RadiusBridge server, edit the `/opt/radiusd/conf/clients.conf` and add a RADIUS client (with IP address and RADIUS secret) for your Palo Alto VPN server.

Example:

```
client <VPN Server IP> {  
  secret = testing123  
  shortname = PaloAlto-VPN  
}
```

### 2. On Palo Alto Admin Interface, Set up a RADIUS Server Profile

Enter the Palo Alto administration interface.

Go to *Device* → *Server Profiles* → *RADIUS*.

Click the *Add* button, to add a new RADIUS server profile.

Configure the profile settings with:

- > Name: OpenOTP RADIUS
- > Timeout: 20
- > Retries: 0

Under *Servers* click the *Add* button to add a RADIUS server.

Configure server settings with:

- > Server: OpenOTP
- > IP Address: Your RadiusBridge IP address.
- > Secret: The secret you have defined in RB clients.conf file.
- > Port: 1812

Save the RADIUS server profile.

### 3. Create an Authentication Profile

Go to Device->Authentication Profile.

Click the New button to add a new authentication profile.

Configure settings with:

- > Profile Name: OpenOTP
- > Authentication: RADIUS
- > Server Profile: OpenOTP RADIUS

Save the authentication profile.

### 4. Configure your SSL VPN with OpenOTP

Go to *Network* → *SSL-VPN*.

Edit your VPN profile or create a new one.

Set the Authentication Profile to “OpenOTP”.

Save the SSL-VPN profile.

Click the *Commit* button at the top-right to apply new configurations.

#### Note

Don't forget to authorize the communication on 1812 UDP port (default RADIUS port for the authentication) from your Palo-Alto system to your WebADM instance at the firewall level.

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