Laurentian University Checkpoint Harmony SASE VPN

Welcome to the new improved and resilient Laurentian IT VPN solution.

To use the VPN, it is important to be prepared, specifically:

a) Ensure to have installed SentinelOne;

b) **You must download and use Google Authenticator as your token** (second factor authentication) - see **Appendix A** on how to download Google Authenticator; and,

c) Not be connected to the wired campus network.

The new VPN is Checkpoint Harmony; the Laurentian University instance is named Perimeter81. You are not required to remember these names and they will appear as you onboard and use the new VPN. Cisco AnyConnect is no longer required and not supported.

Please forward to your employees that require VPN access. For student access, please contact lroy@laurentian.ca.
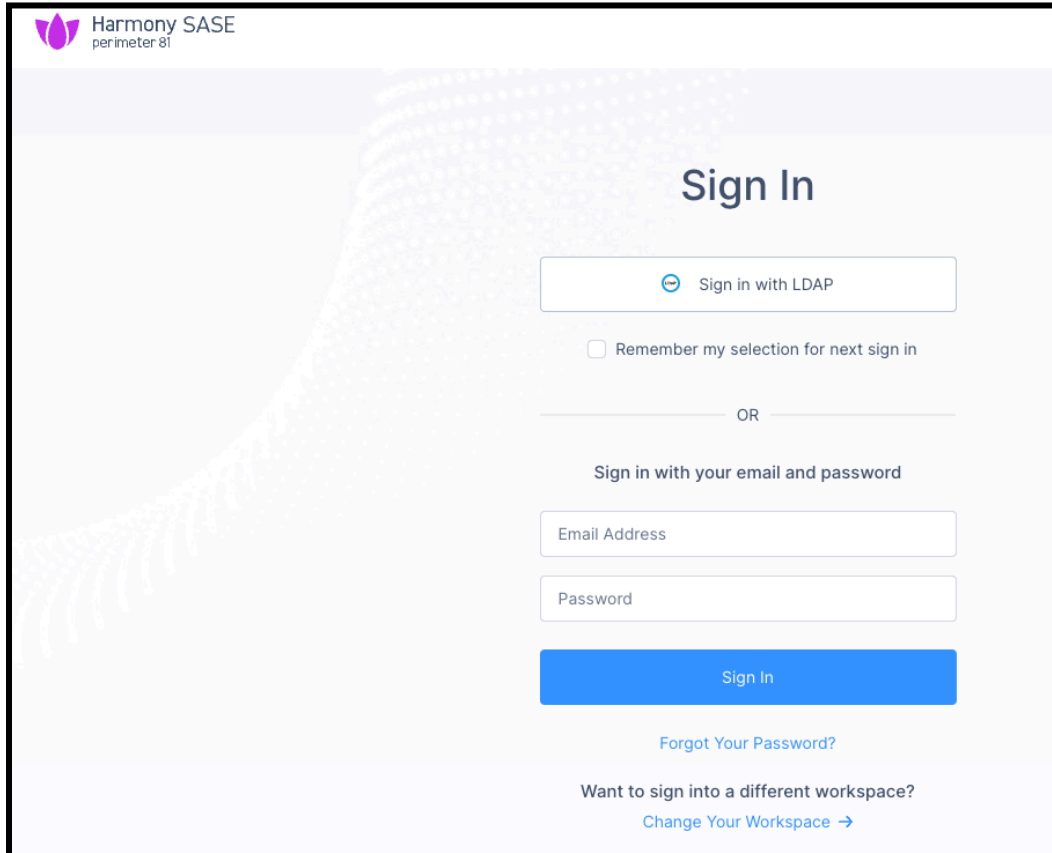

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Installation Guide

1) To access the VPN, use the url: http://laurentianuniversity.perimeter81.com.

The following screen will be displayed. Select Sign in with LDAP.
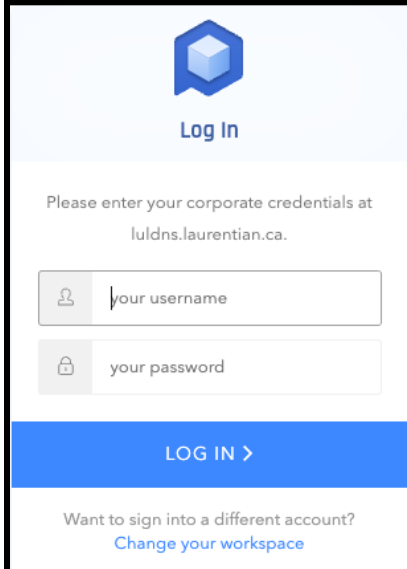
2) Enter your Laurentian University credentials
Your login id to access Checkpoint Harmony is your full Laurentian email address (...@laurentian.ca) and your current Laurentian password. When your password is entered, Checkpoint Harmony will redirect you to step 3).   If you have already boarded, Checkpoint Harmony will ask you for your token (2nd factor authentication), which is the 6-digit code from your Google Authenticator application. Go to step 4).

3) Harmony will ask you to scan the QR code and to enter the verification code (token).
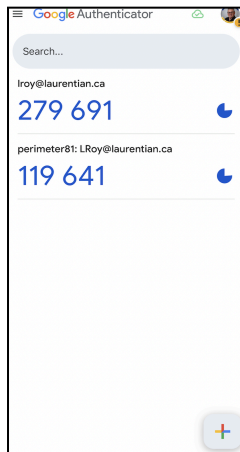
This is what should be displayed.

Scan the QR code:

Enter the verification code generated …

To scan and enter the token, follow the next 3 steps:

a) To take the photo, use the + sign at the bottom right of the Google Authenticator app. The app will automatically open your camera and take a picture of the QR code.

Here

b) The QR code will create a new service on Google Authenticator named "perimeter81"; next to perimeter81 will be your LU ID and the 6-digit token.

From Google Authenticator, you will see:

yourluid@laurentian.ca

YYY YYY

perimeter81: yourusername@laurentian.ca

XXX XXX

Note:
- *For Apple phones*: if the token number is red, this means that the token will expire; all tokens expire in 30 seconds. Just wait for the next token.
- *For Android phones*: Android devices show a countdown clock on the right of the number - colors do not change or flash.

c) Enter the token for perimeter81 - 6 digit number without the space.

Scan the QR code:

Enter the verification code generated …

XXXXXX

Note: you may already have a Laurentian instance (yourluid@laurentian.ca); do not use this token. You must use the token that is associated with perimeter81.
- Per the example above, you would use 119 641 and not 279 691.

Note: if you have on boarded already, you can skip step 3)

4) Enter the 6-digit token generated from parameter81: <u>yourluid@laurentian.ca</u>
   XXX XXX

From Google Authenticator, you will see:

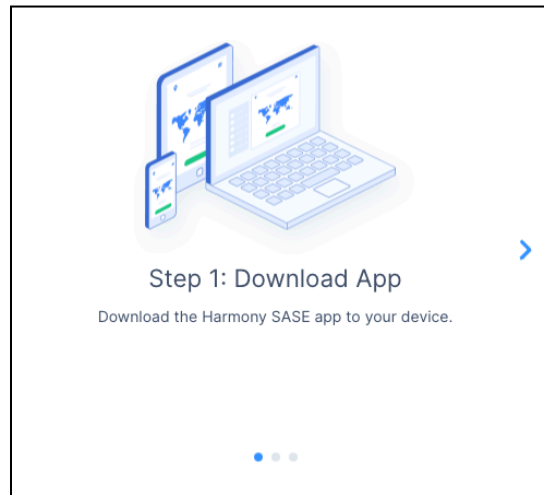<u>yourluid@laurentian.ca</u>

YYY YYY

---

perimeter81: <u>yourusername@laurentian.ca</u>

XXX XXX

Note: If the token number is red, this means that the token will expire; all token expire in 30 seconds. Just wait for the next token.

5) Download the App (if you have not on boarded yet)
A new browser will open with the Harmony Sase application. The browser will ask you to download the app. The App will be called Perimeter 81.   If you do not download the client application, you can continue to use the browser version and you can select to download the client app later from the left menu Device and Download option. Select the client app based on your operating system (MacOS, Windows EXE, …). We highly recommend the use of the client.

VPN Operation Guide

The VPN is seamless. Once it is "connected", you can navigate, browse, and more like normal.
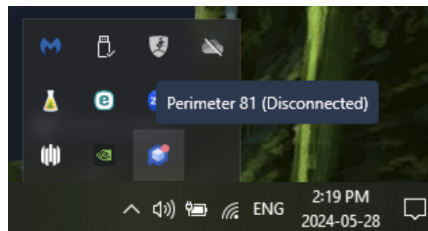
Get familiar with the following statuses:
- Disconnected - when disconnected from the internal network
- Connecting - not yet connected but attempting to connect
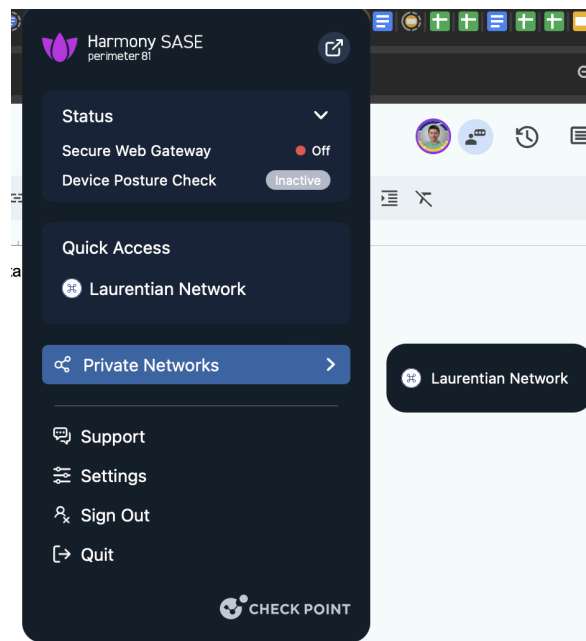- Connected - now connected to the internal secure network on campus

Here are screen captures when operational. An icon will appear on the top menu tab for MACs
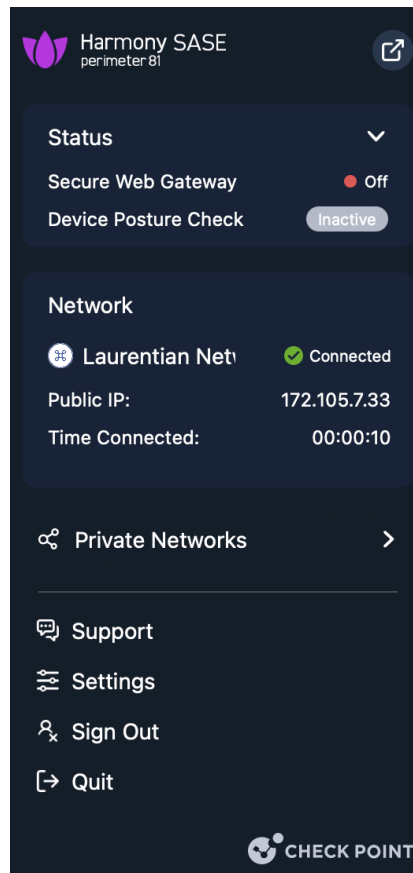

and at the bottom of your screen for PCs.

To connect:

To disconnect, hover over "Connected" and the option to disconnect will be presented.
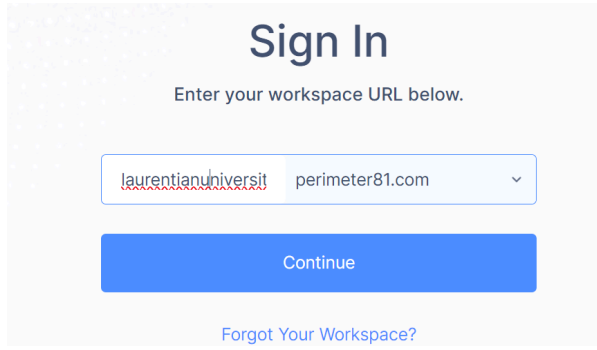
Appendix A: Google Authenticator

Google Authenticator is the only authorized token to access the new VPN.

Download Google Authenticator on your mobile phone from the App store. It is free. Once you downloaded Google Authenticator, open it and add your Laurentian user account to the account. Once you add your Laurentian user account, Google will take you to the Laurentian Login page where you will enter your username, pwd and 2nd factor (pin number or Google Authenticator).

Note: IT will be removing the static PIN-based authentication by the end of 2024 in exchange for Google Authenticator, which provides a better and more secure multi-factor authentication method. If you wish to converge your LU account to Google Authenticator now, you can reset at https://laurentian.ca/2fa

Appendix B: Troubleshooting Guide

Issue	Suggestion
I cannot connect from my wired network on campus.	The VPN will not work if you are connected to the campus wired network. Make sure that you are disconnected.
Harmony SASE is asking for a domain	Enter "**laurentianuniversity**" (where is says workplace url) as the domain. **Sign In** Enter your workspace URL below. laurentianuniversit perimeter81.com Continue Forgot Your Workspace?
I keep getting the Cisco VPN pop-up	Cisco AnyConnect is now replaced by Checkpoint Harmony SASE. To remove the pop-up, you need to remove this application from your startup applications. Contact the IT Service Desk if you need assistance.