pfSense firewall

- 2026-09-01: pfSense is installed in Hua Hin (cerberus) and Flims (hygieia).

Access the firewall

- If you are on location, connect your computer to the wired LAN with subnet 192.168.1.0, then enter one of the following urls in your browser:
  - `https://cerberus:443`
  - `https://hygieia:443`
  - `https://192.168.1.1:443`
- If you need to access the firewall through a remote connection:
  - you need to have access to linux on a linux PC, a Mac PC, or a Windows PC with WSL (Windows Subsystem for Linux) installed
  - you need to have access to the SSH private key for my current laptop
  - open a terminal window on linux, then establish a tunnel to the location you need access to with `ssh -p <external_ssh_port> -i <ssh_private_key> -L 10443:192.168.1.1:443 your.location.tld`
  - enter the following url in your browser: `https://localhost:10443`
- The connection will not be trusted as there is no SSL certificate for localhost or cerberus or hygieia, but you can ignore the warning and accept the exception
- Enter `admin` as username and your admin password

Documentation

- Firewall Rules for BLUE and ORANGE
- Protect home network using subnets with pfSense
- Port Forwards

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