SurePassID macOS MFA Installation Guide

Table of Contents

NOTES:

- Admin privileges are required to run the install, show configuration and uninstall apps.

pam_surepassid.conf

Configuration files are required for performing the SurePassID MFA installation. The file must be created correctly, or the installation will fail.

Sample pam_surepassid configuration.

```
auth       required       /usr/local/lib/pam/pam_surepassid.so \
                          host=cloud.surepassid.com \
                          sp_account=BRs5anwRZq6PW9oPb8d2tQw6S1kCJy7DmeRlvFW8 \
                          sp_account_key=FkstbUTAO0anMsrDrZ2IdvAvPZb6GO2Oe2y4Ja4a \
                          path=/AuthServer/REST/OATH/OathServer.aspx \
                          ca_cert_file=/etc/ssl/cert.pem
```

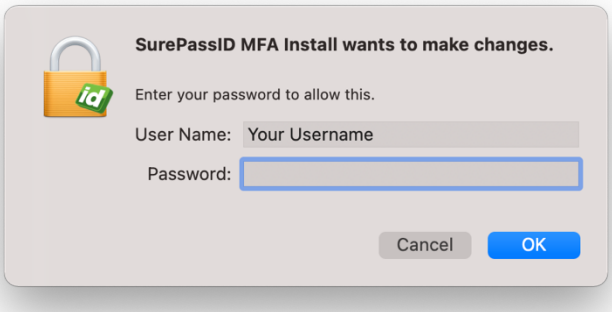
Options

- **host=**
  The hostname/IP address of the SurePasssID Server. (Required)
- **port=**
  SurePassID server's port number. (Default: 443)
- **path=**
  SurePassID server REST API path. (Required)
- **send_otp_method=**
  If this parameter is not set, only a TOTP or HOTP token can be used. Otherwise, an OTP will be sent via the specified method. Valid OTP transport methods are sms, email, voice.
- **ca_cert_file=**
  CA Certificates PEM file to use. (Default: /etc/pki/ca-trust/extracted/pem/tls-ca-bundle.pem) The default value works for Fedora, RHEL, and CentOS. If you need to obtain a CA Certificates PEM file, one can be dowloaded from https://curl.haxx.se/docs/caextract.html
- **sp_account=**
  SurePassID tenant account login name.
- **sp_account_key=**
  SurePassID tenant account login key.
- **proxy_server=**
  The hostname/IP address of the proxy server. (Required)
- **proxy_port=**
  The proxy server port. (Default: 8080)
- **proxy_username=**
  The proxy server username. (Required if proxy_password is set.)
- **proxy_password=**
  The proxy server password. (Required if proxy_username is set.)
- **allow_single_factor**
  If this option is present and an internet connection is not available, single factor authentication will be used instead.
- **allow_push_authentication**
  If this option is present, it allows the user to use push authentication.
- **echo_verification_code**
  If this option is present, the OTP code will be visible when the user enters it. The default is to not show the code as it is typed.
- **debug**
  If this option is present additional logging is written to the syslog.

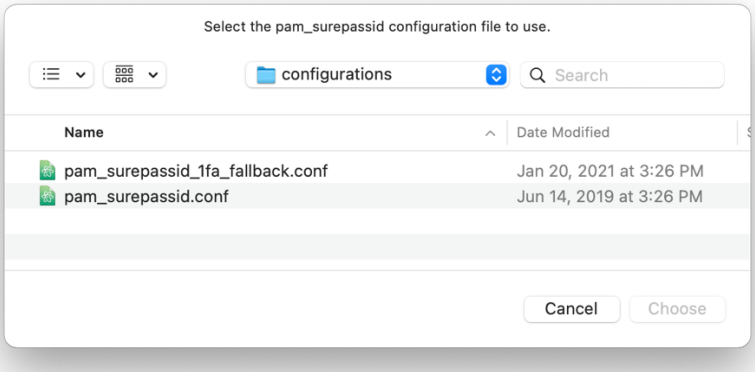
Installing SurePassID macOS MFA

Run **SurePassID MFA Install** from the DMG.

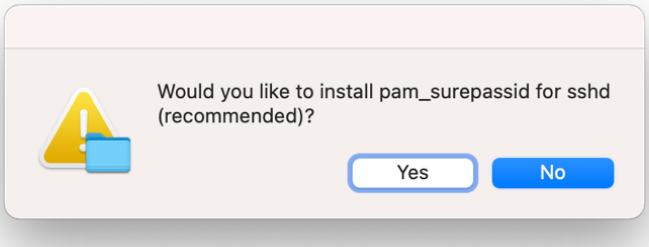
Enter your admin username and password.



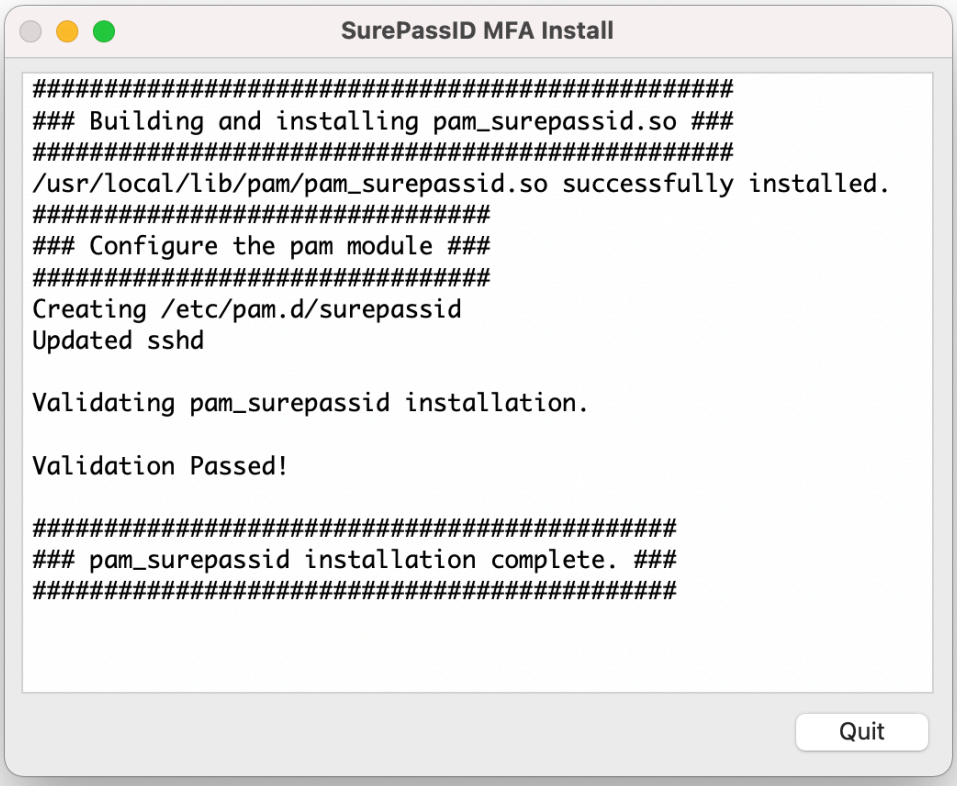
Select the pam_surepassid configuration to use for this installation.



All library dependencies and pam_surepassid.so will now be installed. After the installation is complete, a prompt will ask if you would like to configure the sshd PAM configuration to use pam_surepassid. NOTE: /etc/pam.d/surepassid will always be added.

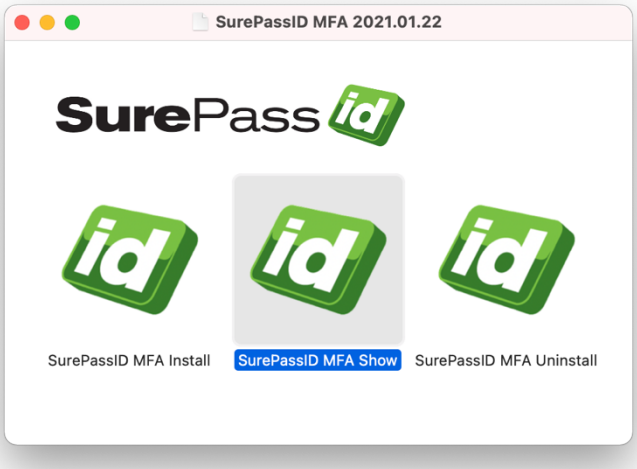


After the installation and configuration steps have completed, it will automatically be validated. If the validation is successful, the dialog will look like this. Click the Quit button when you are done.

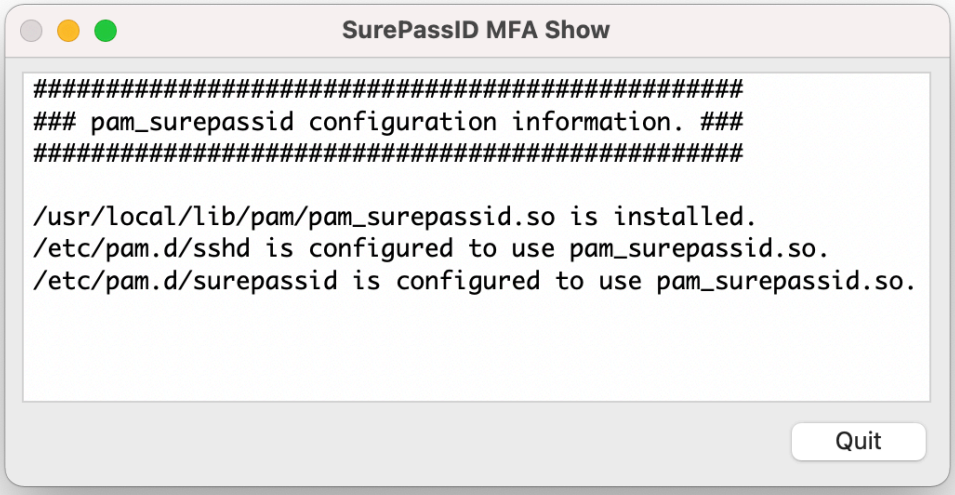


Show Configuration of SurePassID macOS MFA

Run **SurePassID MFA Show** from the DMG.

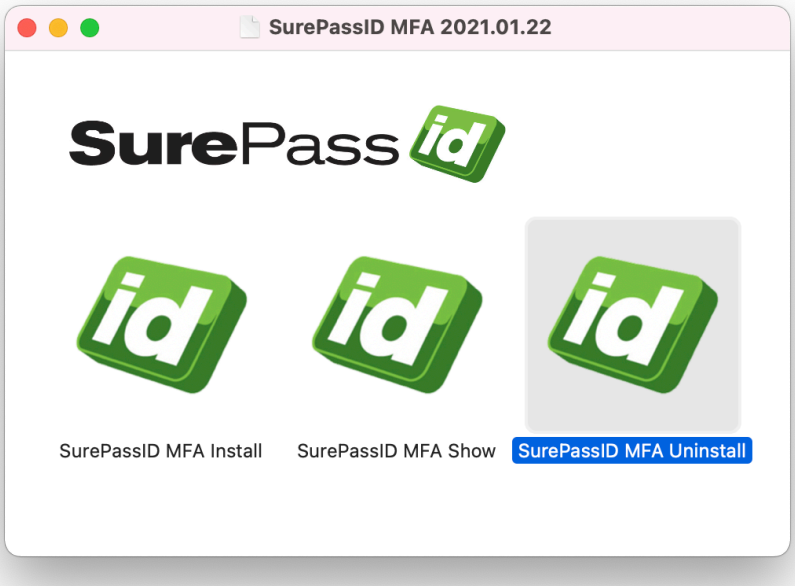


The configuration data for pam_surepassid will be displayed, after you have authenticated.

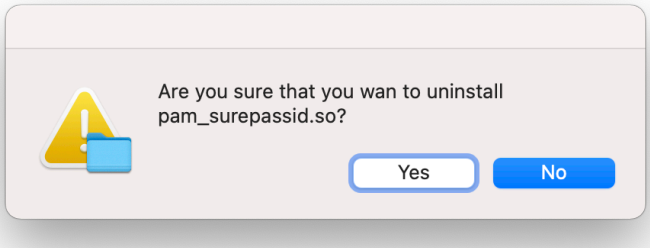


Uninstalling SurePassID macOS MFA

Run **SurePassID MFA Uninstall** from the DMG.



After authenticating, you will be prompted to start the uninstall of pam_surepassid.



When the uninstall is complete, click the **Quit** button.