National Aeronautics and Space Administration

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Sciences and Exploration Directorate

Office of Scientific Computing   Code 660.2

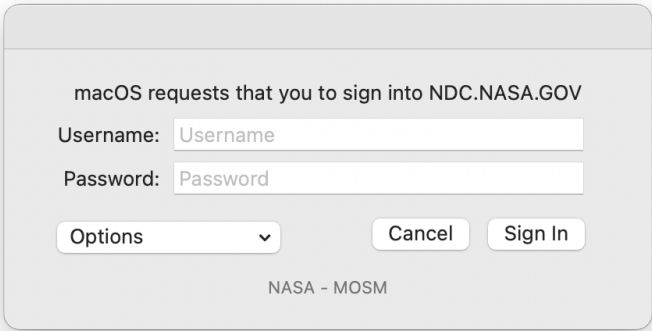Office of Scientific Computing , Code 660.2

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Kerberos SSO Extension

In late 2021, Apple deprecated Enterprise Connect to be replaced by another Apple tool to perform the same task: **Apple Kerberos SSO Extension**. (SSO means "**Single Single On**", a standard (non-Apple) acronym meant to indicate that a single credential (one's PIV smartcard in this case) can provide authentication to a whole series of other applications.)
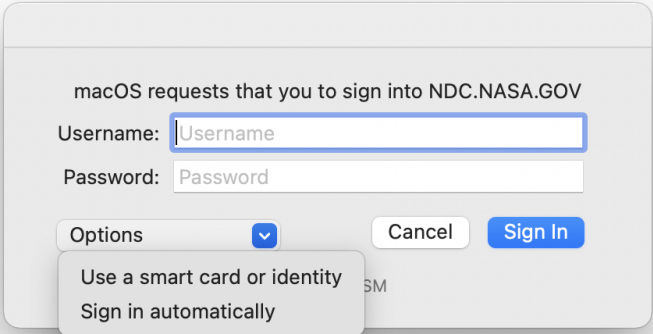
Here's what the process looks like now.

*Note: The captions appear **above** the images they describe.*

The dialog box that appears looks like this. But don't fill in your username yet.

macOS requests that you to sign into NDC.NASA.GOV

Username: `Username`

Password: `Password`

Options ▾   Cancel   Sign In

NASA – MOSM

Instead, click on the "Options" pop-up menu and select "Use a smart card or identity."

macOS requests that you to sign into NDC.NASA.GOV

Username: `Username`

Password: `Password`

Options ▾   Cancel   **Sign In**
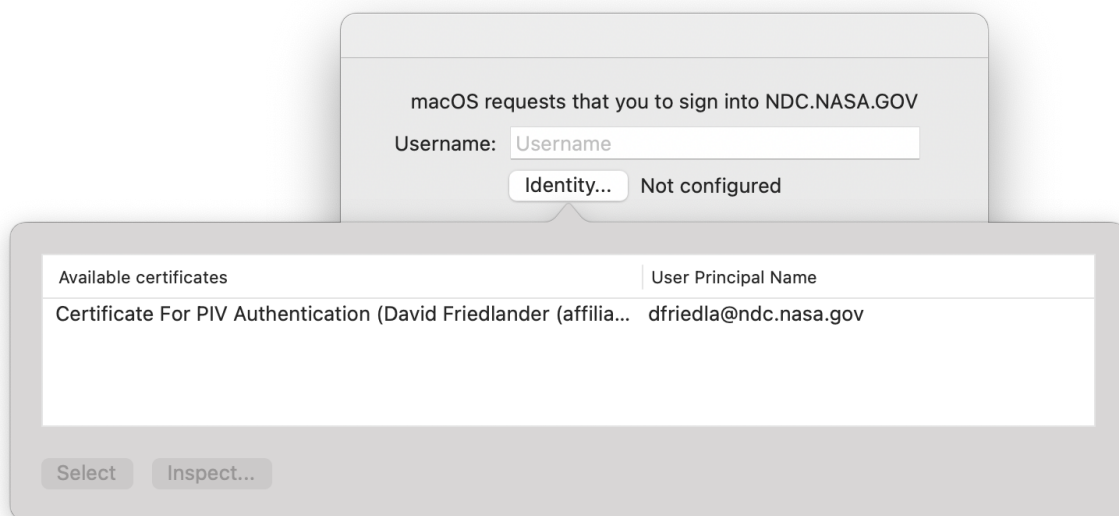
Use a smart card or identity
Sign in automatically

You will notice that a new "Identity" button now appears. (And it says "Not configured" next to it.)
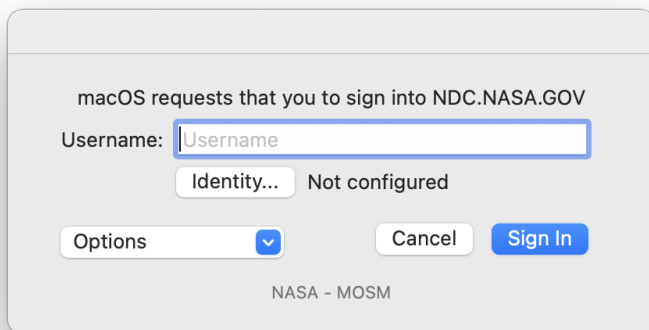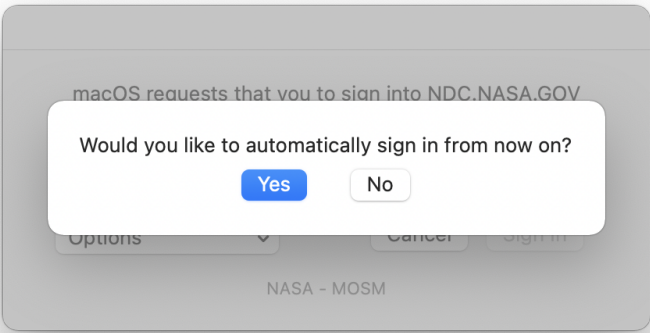

Click on the "Identity" button, select (single-click) your PIV certificate, and click the Select button.
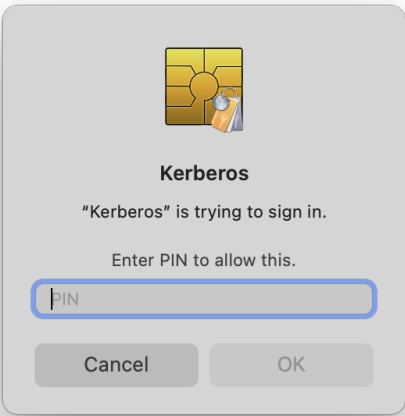

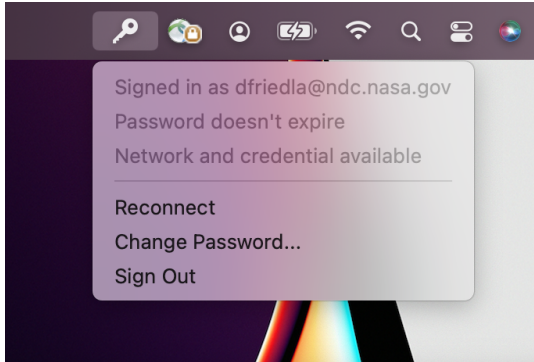Your username has now been filled in for you. Click "Sign In".

If this is your regular computer, click "Yes" to the automatic sign-in prompt.
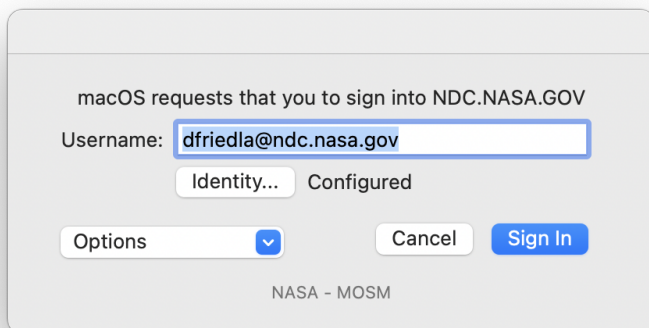
Enter your PIN and click "OK".

The Kerberos SSO Extension icon in the menu bar is a diagonal key (rotated clockwise). [The "Enterprise Connect" icon was a key in a circle, rotated counter-clockwise.] The icon should be solid (not greyed out or blinking)

When it is functioning properly, it will show you as signed in and show when your NDC password expires. If you "sent your password to Mars" then it will say "Password doesn't expire."

David Friedlander
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