Mozilla Thunderbird Edition

Revision History			
Rev.	Date (YYYY/MM/DD)	Description	Editor
V.1.0	2015/4/1	First revision	NII
V.1.1	2016/12/26	Amendment with addition of [NII Open Domain S/MIME CA] as a new Certificate Authority	NII
V2.0	2018/2/26	Supported environment update: Mozilla Thunderbird 52.0 or later	NII

1. Installing the S/MIME Certificate

1-1. Operating Environment

The procedures only in the following environment are described in this document:

| Supported environment: |
|---|
| Mozilla Thunderbird 52.0 or later |

1-2. Prerequisites

The prerequisites for using the S/MIME Certificate in Mozilla Thunderbird are described.
Replace the technical terms according to the user environment in which the S/MIME Certificate will be used.
(The procedures required for Mozilla Thunderbird 52.0 are described in this document.)

| Prerequisites |
|---|
| 1. The S/MIME Certificate has been installed in the web browser (described in the User's Manuals for Installation in Different Web Browsers: Mozilla Firefox Edition); and
2. Mozilla Thunderbird 52.0 or later is installed. |

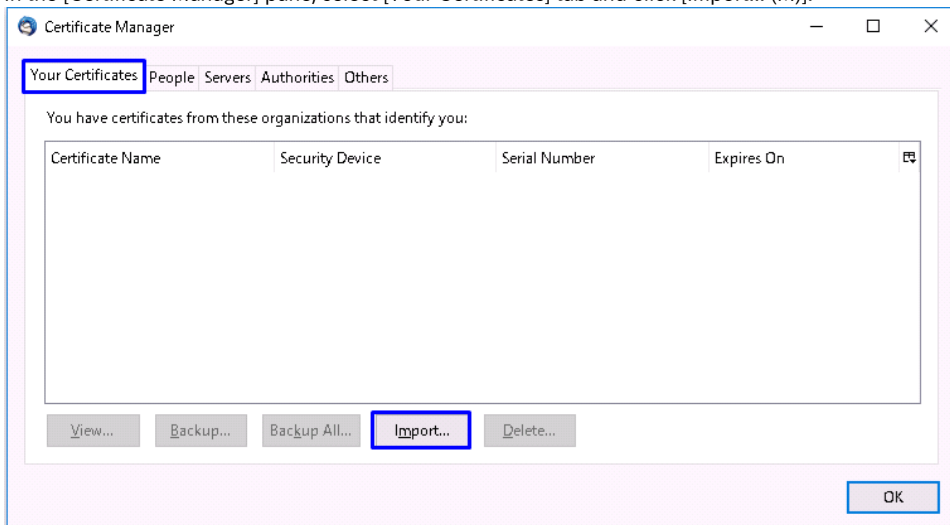## 1-3. Install Procedure

Installing the Certificate

**1.** Open Mozilla Thunderbird, right click on the [mailuser] (account name) and select [Settings (E)].
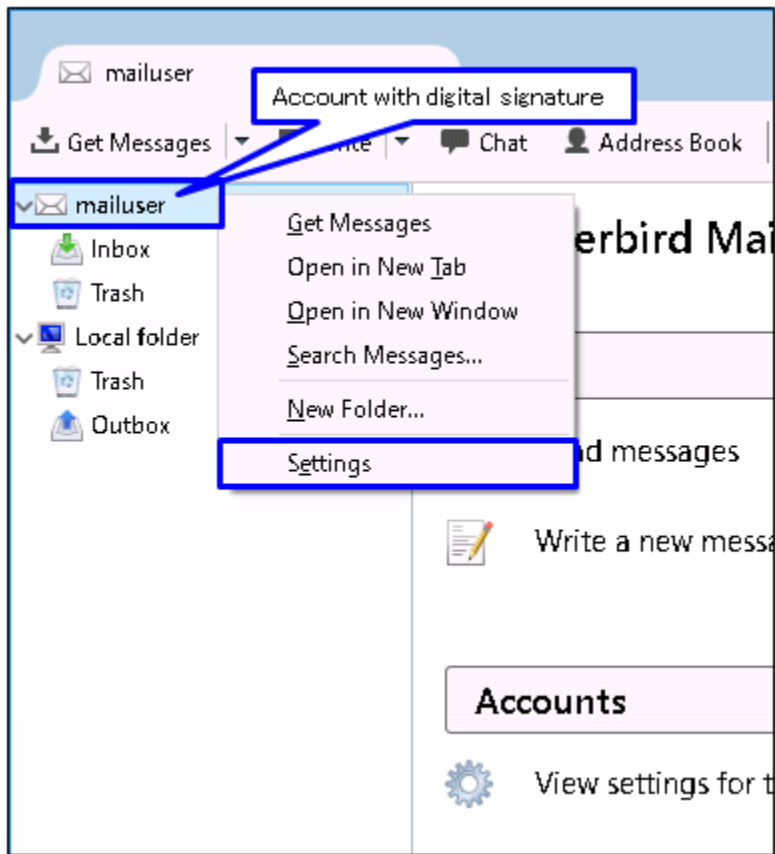
2. The [Account Settings] screen will appear. Select [Security] in the account profile, listed on the left. Click [Manage Certificates...(M)].
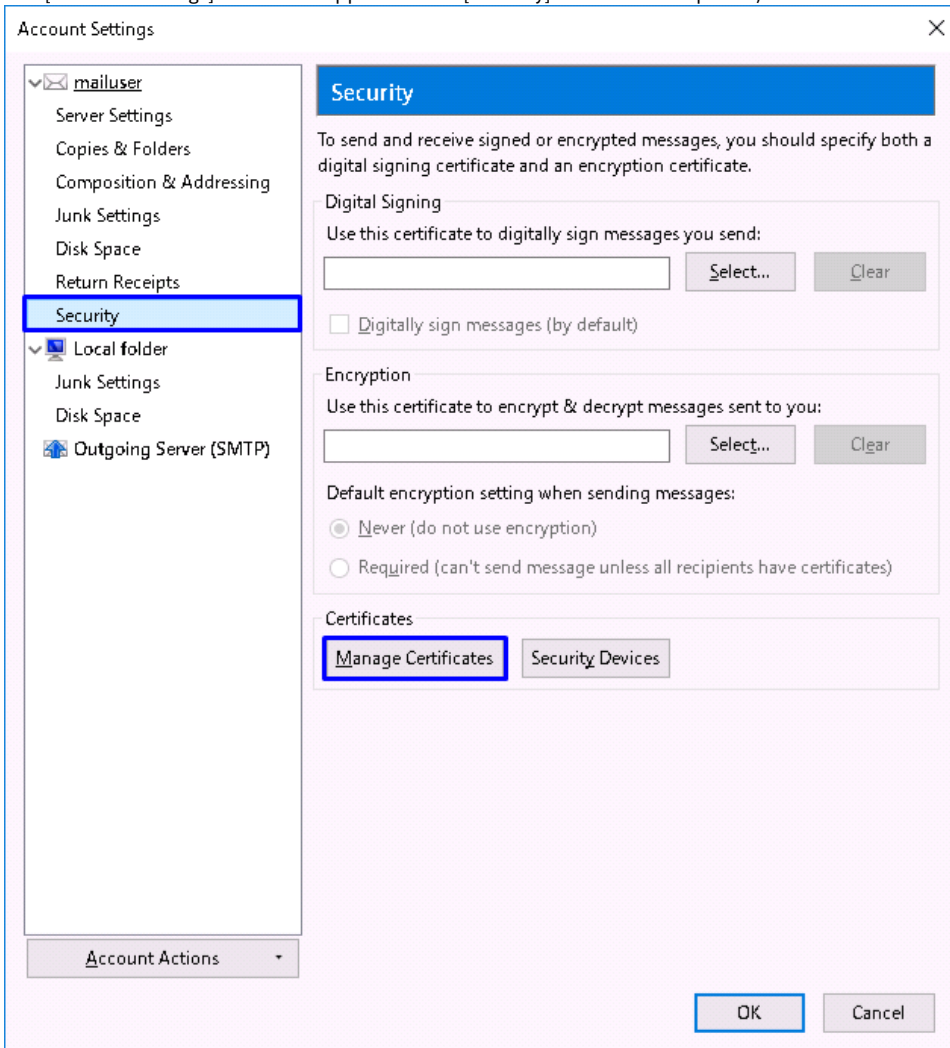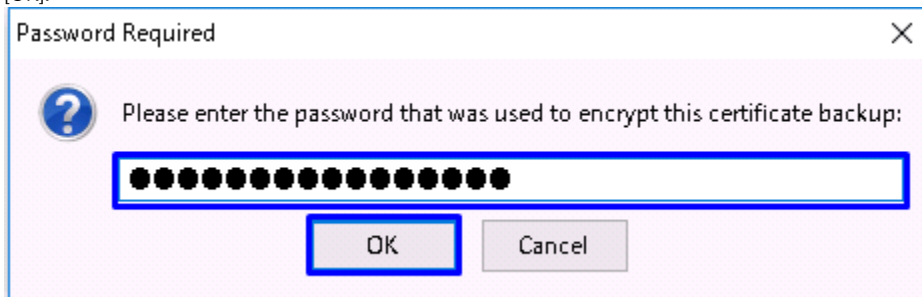

3. In the [Certificate Manager] pane, select [Your Certificates] tab and click [Import... (M)].
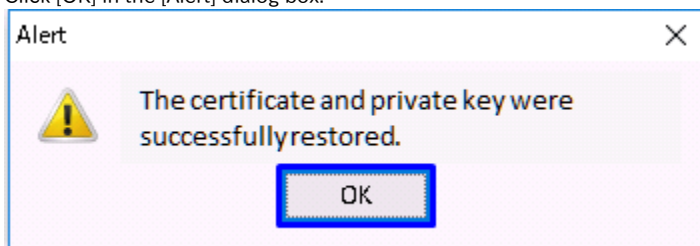
4. As you can browse the certificate file(s) to import, select the certificate to import and click [Open (O)].
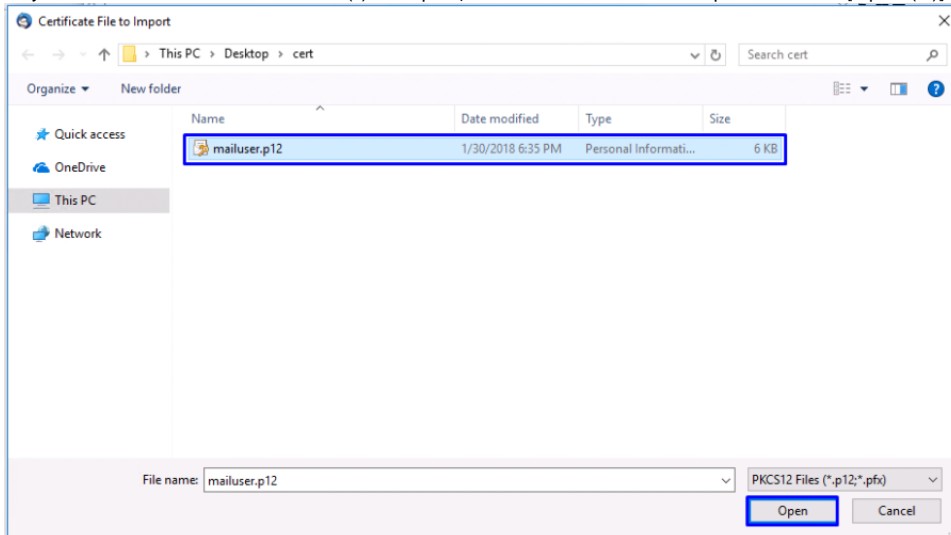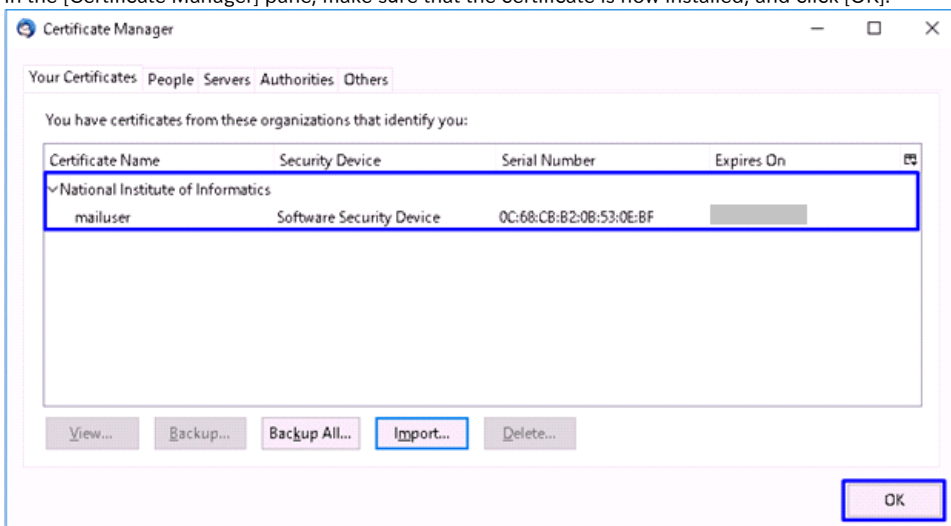

5. The [Password Entry Dialog] box will pop up. Enter the password for encrypting this certificate backup in the [Password:] box, and click [OK].
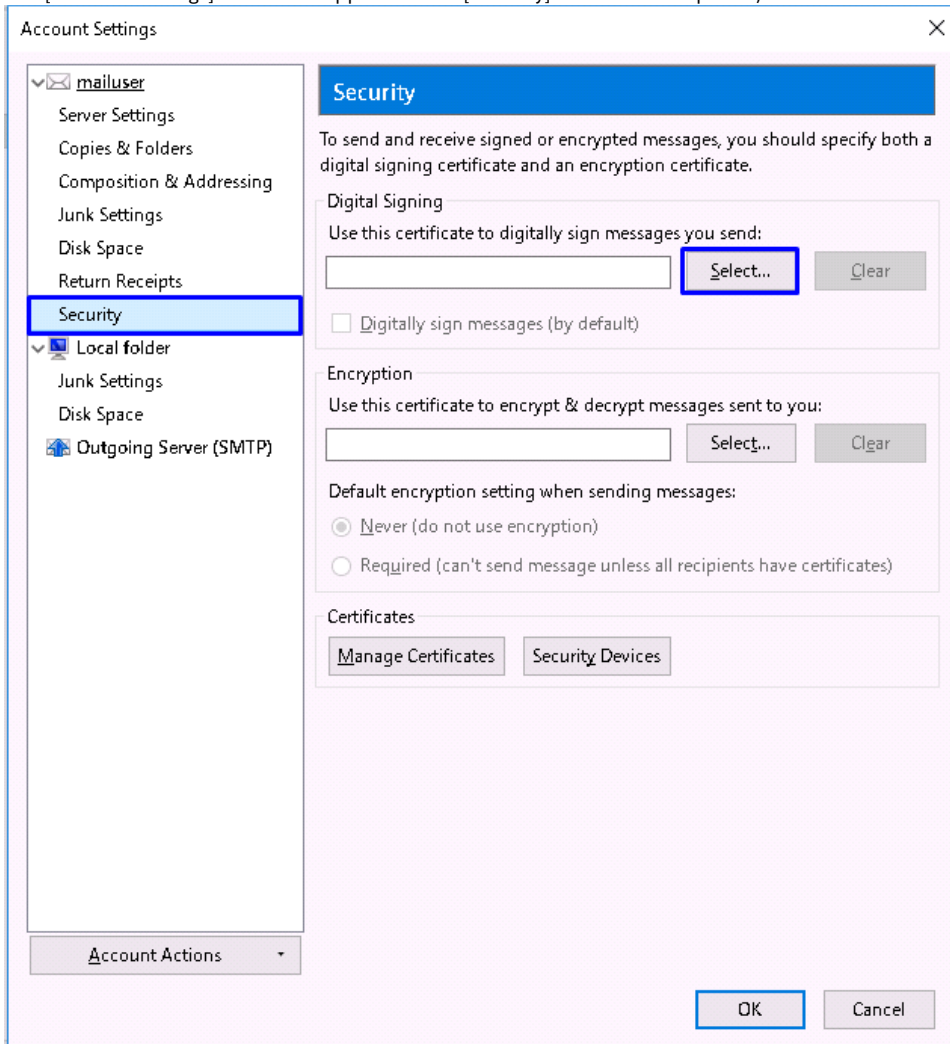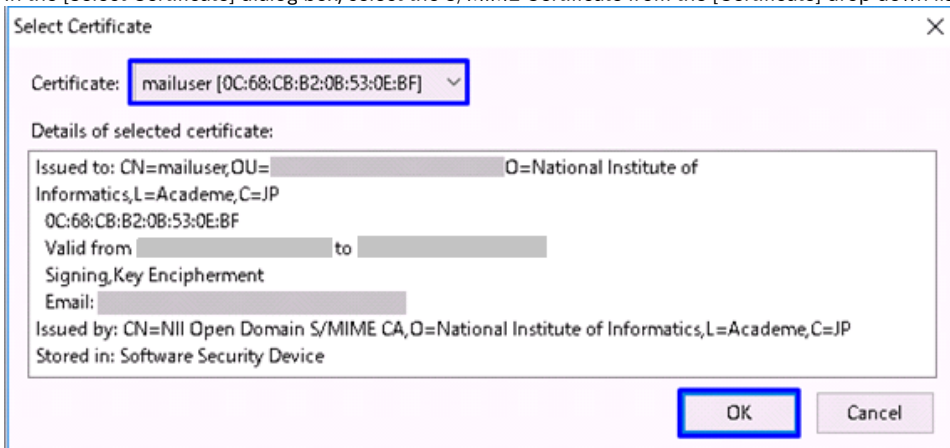

6. Click [OK] in the [Alert] dialog box.

7. In the [Certificate Manager] pane, make sure that the certificate is now installed, and click [OK].
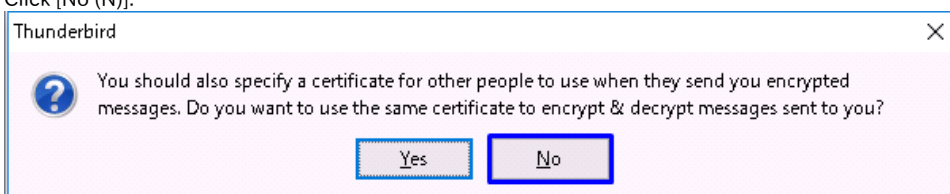
8. The [Account Settings] screen will appear. Select [Security] in the account profile, listed on the left. Click [Select...(S)].
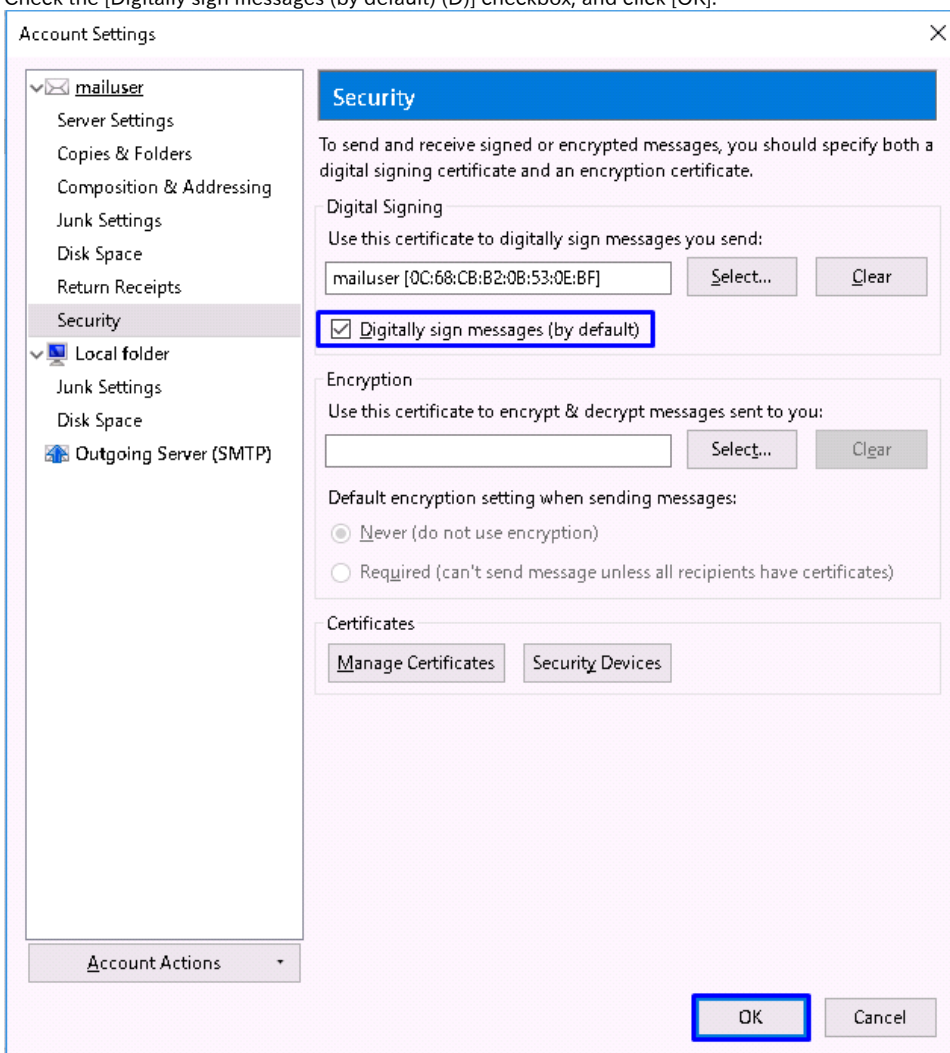

9. In the [Select Certificate] dialog box, select the S/MIME Certificate from the [Certificate] drop down list, and click [OK].

10. Click [No (N)].

11. Check the [Digitally sign messages (by default) (D)] checkbox, and click [OK].
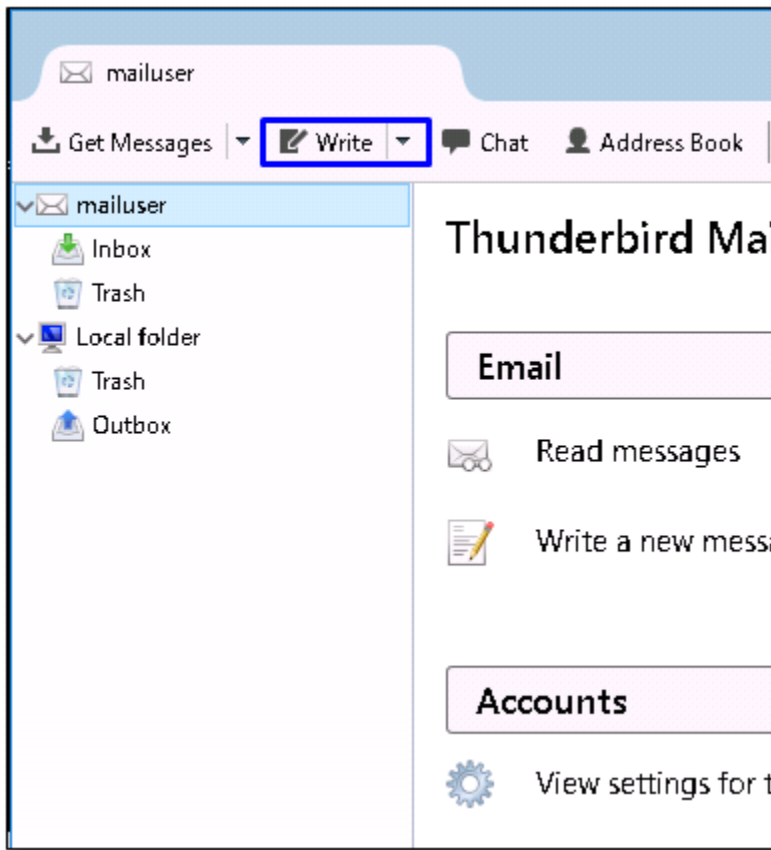

This completes the S/MIME Certificate installation.
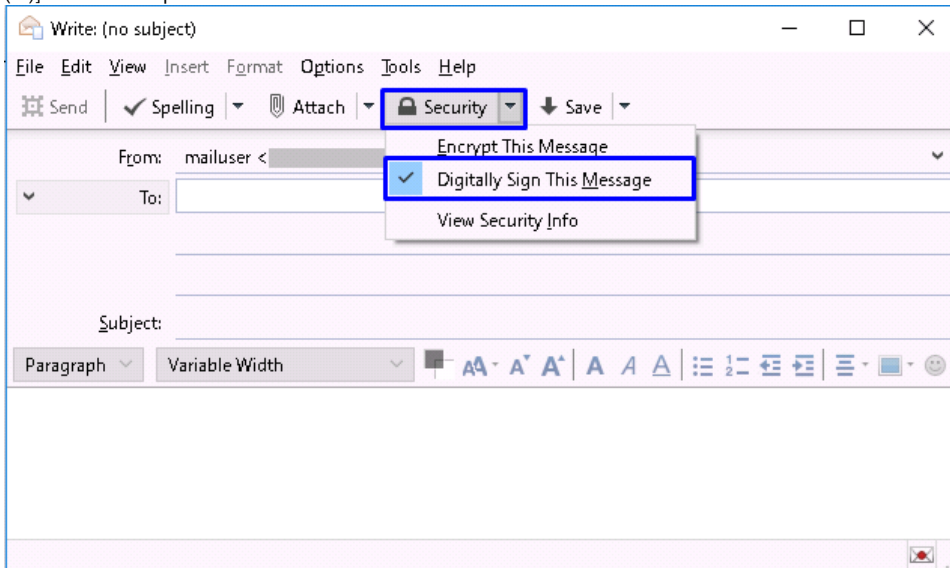
2. Sending Digitally Signed E-mails

2-1. Sending Digitally Signed E-mails
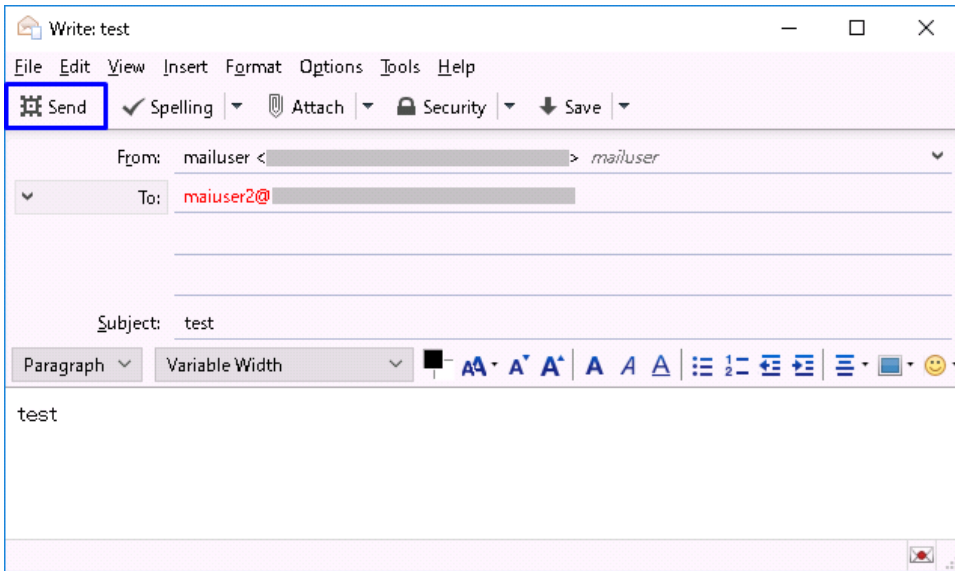
How to Send Digitally Signed E-mails

1. Open Mozilla Thunderbird, and click the [Write] button.

2. In the [Write: Foobar] screen, click the downward arrow on the right side of the [Security] button and select [Digitally Sign This Message (M)] from the drop down list.

3. Write the message.
   When finished, click [Send].

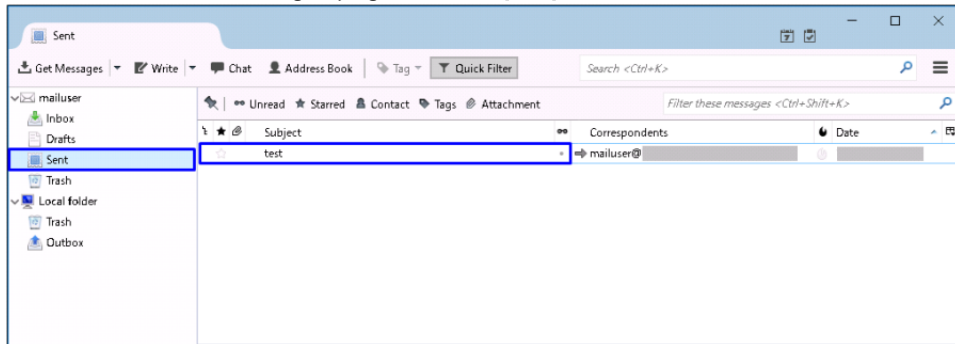This completes sending digitally signed e-mails.

2-2. How to Confirm a Sent E-mail That Was Digitally Signed

How to Confirm a Sent E-mail That Was Digitally Signed

1. Select a sent e-mail that was digitally signed from the [Sent] folder.

2. Click the [Envelope] icon.
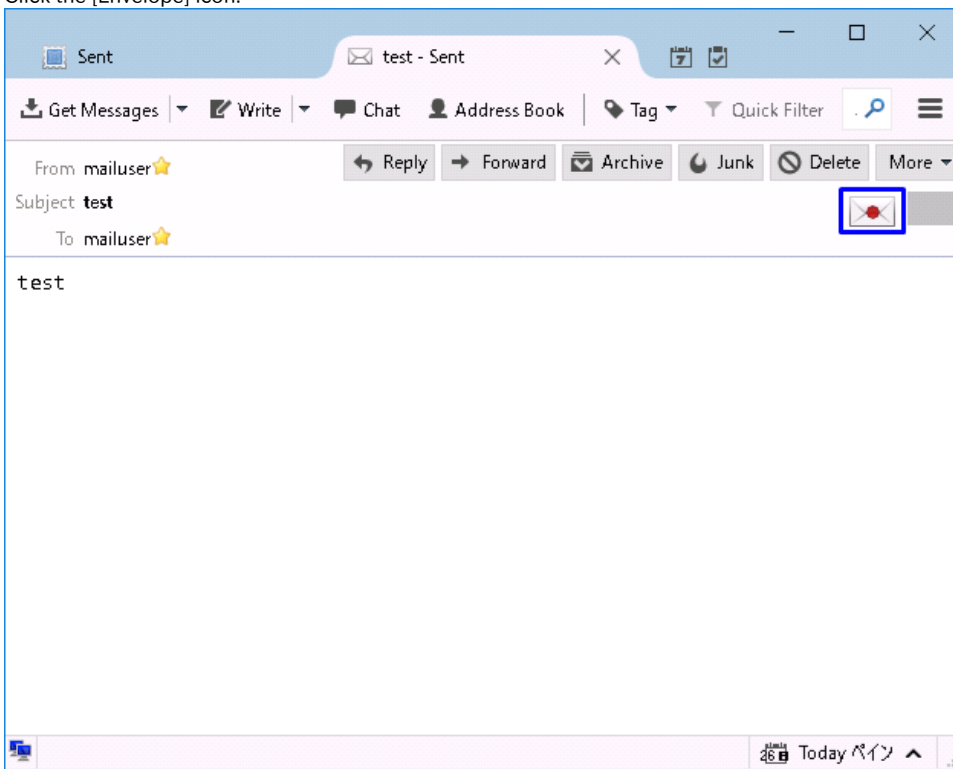
3. In the [Message Security] dialog box, click [View Signature Certificate].

4. The [Certificate Viewer] will appear. Select the [General (G)] tab and make sure that the tab shows "This certificate has been verified for the following uses:" on its top.

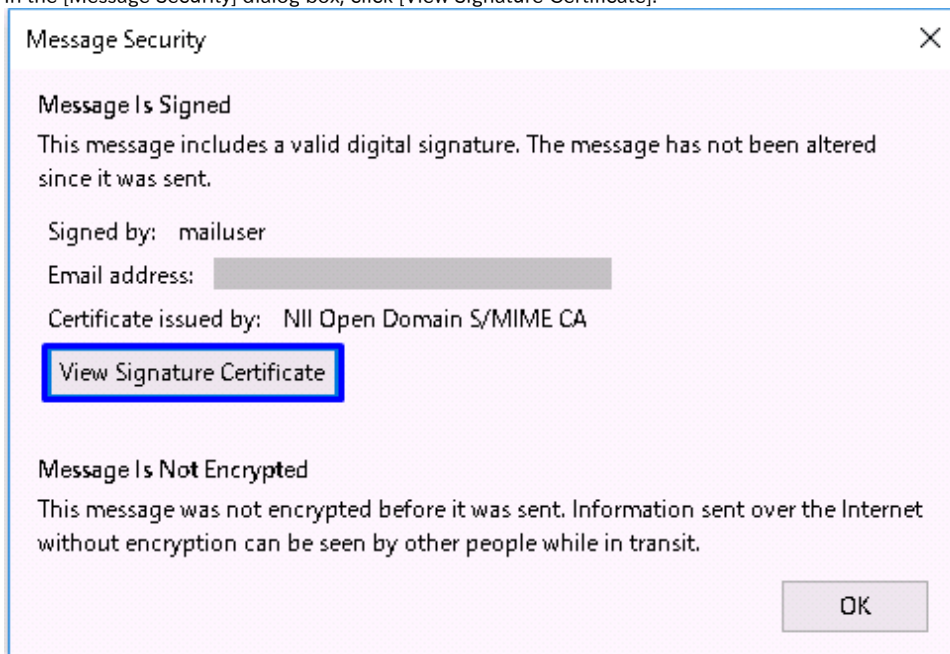ertificate Viewer: "mailuser"

General Details

ertificate Viewer: "mailuser"   ✕

General Details

This certificate has been verified for the following uses:

SSL Client Certificate

Email Signer Certificate

Email Recipient Certificate

Issued To
Common Name (CN)   mailuser
Organization (O)   National Institute of Informatics
Organizational Unit (OU)
Serial Number   0C:68:CB:B2:0B:53:0E:BF

Issued By
Common Name (CN)   NII Open Domain S/MIME CA
Organization (O)   National Institute of Informatics
Organizational Unit (OU) <Not Part Of Certificate>

Period of Validity
Begins On
Expires On

Fingerprints
SHA-256 Fingerprint   95:0E:32:76:74:4B:FF:46:44:01:0D:58:B3:67:4B:A6:
                          7E:F0:29:DC:0A:29:54:D6:96:97:E0:C0:86:EA:B8:15

SHA1 Fingerprint   CC:CE:D1:23:8C:E1:B6:37:01:AE:C0:2B:7C:14:CC:CC:0B:E3:B3:19

This completes confirmation of a sent e-mail that was digitally signed.