**Sony PKI service CA certificate Setup Manual**

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# Step 1. Downloading CA Certificate

## For internal Users (for intranet)

Download the following 3 certificates:

* Root CA: <https://sg-pkiweb01.intersony.sony.co.jp/sonypki/dl/Sony_Root_CA2.cer>
* Intranet Intermediate CA: <https://sg-pkiweb01.intersony.sony.co.jp/sonypki/dl/Sony_Intranet_CA2.cer>
* B2B Intermediate CA: <https://sg-pkiweb01.intersony.sony.co.jp/sonypki/dl/Sony_B2B_CA2.cer>

## For external Users (for internet)

Download the following 3 certificates:

* Root CA: <https://sg-pkiweb02.pki.sony.co.jp/sonypki_ex/dl/Sony_Root_CA2.cer>
* Intranet Intermediate CA: <https://sg-pkiweb02.pki.sony.co.jp/sonypki_ex/dl/Sony_Intranet_CA2.cer>
* B2B Intermediate CA: <https://sg-pkiweb02.pki.sony.co.jp/sonypki_ex/dl/Sony_B2B_CA2.cer>

## For users who cannot reach above resources:

Double click and the following archive to extract 3 certificates.



# Step 2. OS Configuration

Please refer corresponded subsection based on your OS.

## For Windows Users

1. Double-click downloaded **Sony\_Root\_CA2.cer**.
2. Select **Install Certificate.**
3. Select **Local Machine** and then **Next**.
4. Select **Place all certificates in the following store,** and then **Browse**.
5. Select **Trusted Root Certification Authorities** and then **Next**.
6. Select **Finish**.
7. Repeat 1-6 for **Sony\_Intranet\_CA2.cer.**
8. Repeat 1-6 for **Sony\_B2B\_CA2.cer.**

## For Ubuntu Users

1. Run the following command to create a directory for your own trusted ca-certificates:
**sudo mkdir /usr/local/share/ca-certificates/extra**
2. Copy 3 certificates to the new directory with .crt extension:
**sudo cp Sony\_Root\_CA2.cer /usr/local/share/ca-certificates/extra/Sony\_Root\_CA2.crt**

**sudo cp Sony\_Intranet\_CA2.cer /usr/local/share/ca-certificates/extra/Sony\_Intranet\_CA2.crt**

**sudo cp Sony\_B2B\_CA2.cer /usr/local/share/ca-certificates/extra/Sony\_B2B\_CA2.crt**

1. Run the following command to update the system certificates:
**sudo update-ca-certificates**

## For CentOS / RHEL Users

1. Copy 3 certificate files to the /etc/pki/ca-trust/source/anchors/ directory.
2. Run the following command to update the system certificates:
**update-ca-trust extract**

# Step 3. Browser Configuration

Please refer corresponded subsection based on combination of your primary web browser and OS.

## For IE/Edge/Chrome users (Windows)

You don’t need additional configuration. (It’s automatically configured at step 2.)

## For Firefox users (Windows/Linux)

1. Open **Tools** > **Options** (or **Preferences** depends on your OS).
2. Select **Privacy & Security** and browse to **Certificates**.
3. Select **View Certificates**.
4. Go to the **Authorities tab**.
5. Select **Import**.
6. Browse to the **Sony\_Root\_CA2.cer** certificate file and select **Open**.
7. Select **Trust this CA to identify websites**.
8. Select **OK**.
9. Repeat 5-8 for **Sony\_Intranet\_CA2.cer**
10. Repeat 5-8 for **Sony\_B2B\_CA2.cer**

## For Chrome users (Linux)

1. Open **Settings**.
2. Browse to **Privacy & Security** and select **Security**.
3. Browse to **Advanced** and Select **Manage certificates**.
4. Go to the **Authorities tab**.
5. Select **Import**.
6. Browse to the **Sony\_Root\_CA2.cer** certificate file (if not found, change file filter to **All Files**) and select **Open**.
7. Select **Trust this certificate for identifying websites.**
8. Select **OK**.
9. Repeat 5-8 for **Sony\_Intranet\_CA2.cer**
10. Repeat 5-8 for **Sony\_B2B\_CA2.cer**

# References

* F-Secure – Importing the root CA certificate as a trusted root certificate authority in Windows/Linux
	+ <https://help.f-secure.com/product.html#business/threatshield/latest/en/concept_AECD59C26DB74FF687EE8E94C88A9D4F-threatshield-latest-en>
	+ <https://help.f-secure.com/product.html#business/threatshield/latest/en/concept_050E323821F041479D168D532022FD78-threatshield-latest-en>