



Checking for Thawte certificate

Why do I need a Thawte root certificate?

Java applications on mobile phones are by default not allowed unlimited access to the phone's built in resources, like for example the audio recording function or the phone's file system. This is to avoid that malicious software tampers with the phone without the knowledge of the user.

Java applications that are not signed with a certificate issued by a respected Certificate Authority are installed in what is called the "untrusted domain". This means that whenever an untrusted application tries to access e.g. the file system on the phone, the user will be prompted to approve this access.

Since the Sound Around You mobile software needs repeated access to the phones file system, installing it in the untrusted domain would not be feasible since you would have to constantly approve access to the phones files. This is why the Sound Around You software is signed with a certificate issued by Thawte.

To be able to use the Sound Around You software your phone needs to have the Thawte root certificate on it. Most Sony Ericsson and Nokia phones, as well as some other brands have this, but sometimes some network operators choose to remove this root certificate in order to only allow applications signed with their own certificate to run on the phone.

How to check if the Thawte root certificate is on your phone:

The easiest way to find out if you have the Thawte root certificate is to try and install Sound Around You J2ME. If the Thawte root certificate is not present on the phone, the installation will fail. In this case look to the section "Checking if Thawte certificate is correctly configured" below to find out if the Thawte certificate is in the phone and correctly configured.

Checking if Thawte certificate is correctly configured

If the installation of Sound Around You J2ME fails this could either be due to that your phone does not have the Thawte Premium Server root certificate, or it could be that it is incorrectly configured. Please follow the steps below to check that your phone has the Thawte root certificate correctly installed:

Sony Ericsson phones:

Depending on the model of the phone there are 2 different ways of checking for the Thawte root certificate:

1. Go to Settings->General->Security->Certificates->Java Certificates
2. Go to Settings->Connectivity->Internet Settings->Security->Java Certificate

Please make sure that Thawte Premium Server CA is in the list of certificates for Java.

If this certificate is not there it means that your operator has chosen to remove this certificate from your phone.

Nokia Series 60 phones:

Go to Tools -> Settings -> Security -> Certif. Management

Check that you have the Thawte Premium Server CA in the list of certificates.

If this certificate is not there it means that your operator has chosen to remove this certificate from your phone.

If you can find this certificate, then press Options->Trust Settings

Please make sure that the App. installation is set to **Yes**.

Please make sure that the Online Certificate Check is set to **No**.

Nokia Series 40 phones:

Go to Settings->Security Settings->Authority certificates->Certificate list

Check that you have the Thawte Premium Server CA in the list of certificates.

If this certificate is not there it means that your operator has chosen to remove this certificate from your phone.

If you can find this certificate, then press Options->Select use and make sure that the App. signing is **enabled**.

Please make sure that the Online Certificate Check is set to **No**.

Enabling Access Permissions

After you have installed Sound Around You J2ME you need to enable the access permissions to enable Sound Around You J2ME to access the phone's file system and recording functions. How this is done depends on your Mobile Phone.

Sony Ericsson phones:

Go to either Applications or Games (depending on where you installed Sound Around You J2ME).

Highlight Sound Around You J2ME, but instead of opening it, press More->Permissions.

Select **Read User Data** and set the access permissions to **Never Ask**.

Select **Write User Data** and set the access permissions to **Never Ask**.

If you don't have the option to set these to Never Ask, then you most likely installed the Sound Around You J2ME as an unsigned application (using the Sound Around You J2ME.jar file directly), or you don't have the Thawte root certificate on your phone.

Nokia Series 60 phones:

Go to Tools > Manager > Sound Around You J2ME > Options > Suite settings

Select **Read User Data** and set the access permissions to **Never Ask**.

Select **Write User Data** and set the access permissions to **Never Ask**.

If you don't have the option to set these to Never Ask, then you most likely installed the Sound Around You J2ME as an unsigned application (using the Sound Around You J2ME.jar file directly), or you don't have the Thawte root certificate on your phone.

Nokia Series 40 phones:

Go to Sound Around You J2ME ->Options->Application access->Phone access

Select **Read User Data** and set the access permissions to **Never Ask**.

Select **Add and edit data** and set the access permissions to **Never Ask**.

If you don't have the option to set these to Never Ask, then you most likely installed the Sound Around You J2ME as an unsigned application (using the Sound Around You J2ME jar file directly), or you don't have the Thawte root certificate on your phone.