



## Zentrum für sichere Informationstechnologie – Austria Secure Information Technology Center – Austria

A-1040 Wien, Weyringergasse 35  
Tel.: (+43 1) 503 19 63-0  
Fax: (+43 1) 503 19 63-66

A-8010 Graz, Inffeldgasse 16a  
Tel.: (+43 316) 873-5514  
Fax: (+43 316) 873-5520

<http://www.a-sit.at>  
E-Mail: [office@a-sit.at](mailto:office@a-sit.at)

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# OCSP TOOL VERSION 1.1.0 (24.02.2009)

The OCSP Tool enables the verifying of status of certificates. The tool creates an OCSP request, which is send to an OCSP responder. The corresponding OCSP response is shown to the user.

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## 1. Installation

This section comprises the installation and uninstall of the OCSP tool.

### 1.1. System Requirements

Microsoft Windows from version Windows XP including the recommended hardware. For the usage of the tool an internet connection is required. Furthermore the Tool needs a JAVA Runtime Environment (JRE) Version 1.6., which is included in the installation file of the tool.

### 1.2. Installation

Please start the installation through executing (double-click) of the installation file.

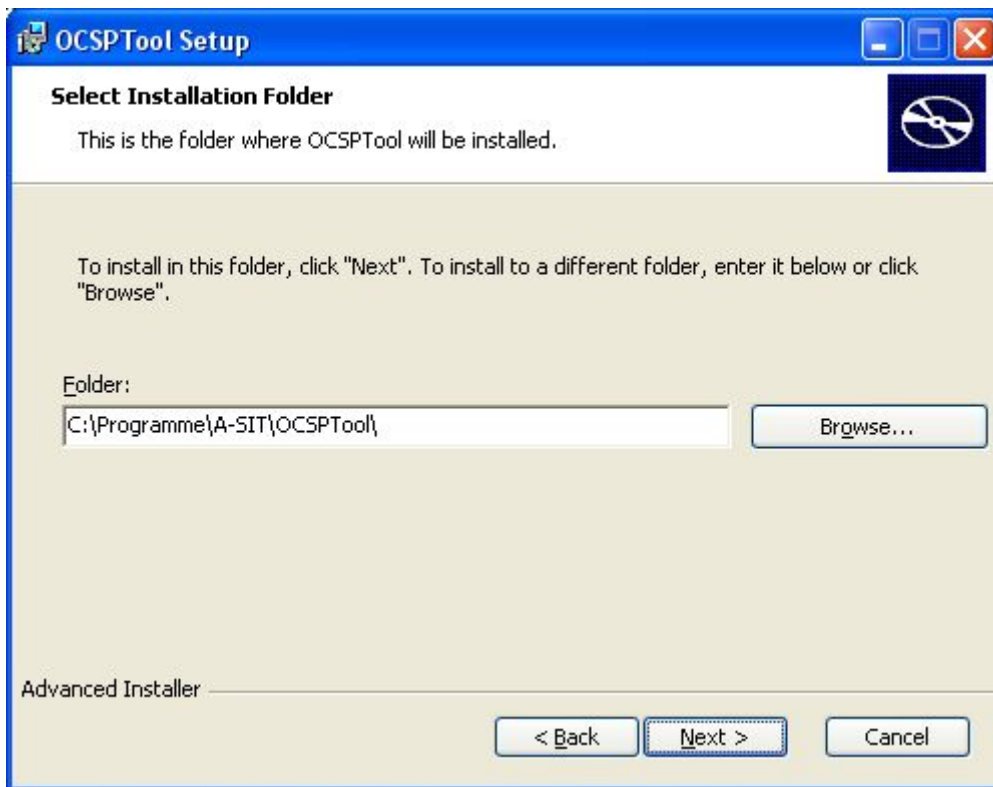
Following dialog is shown:



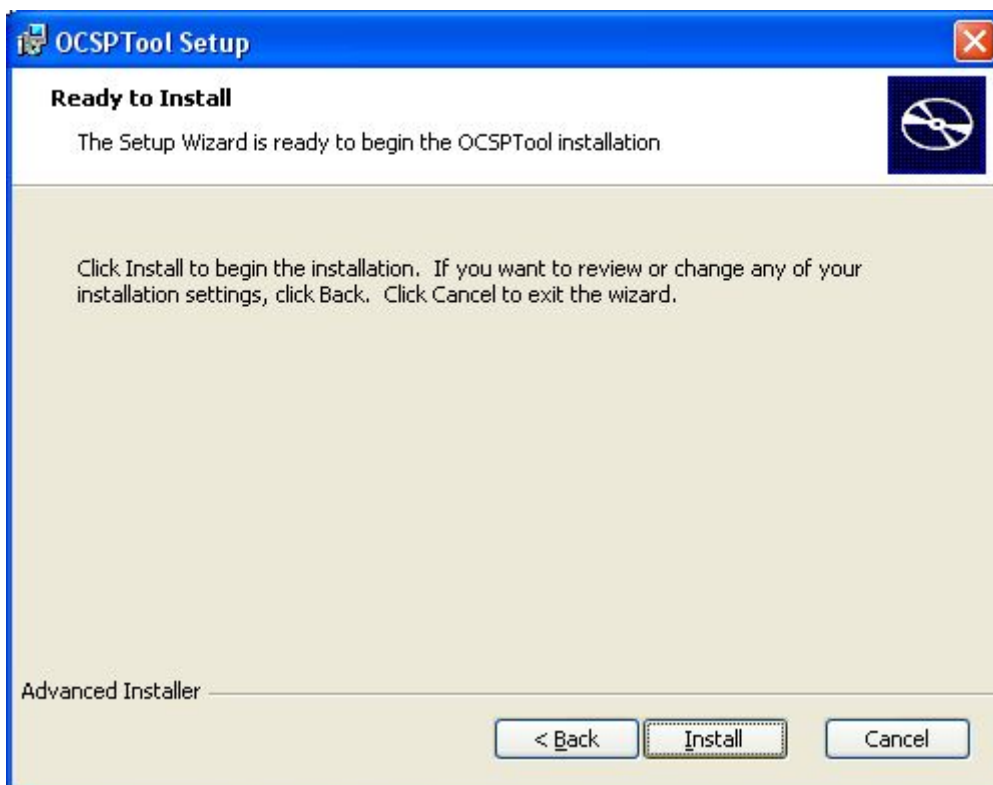
Please confirm with "Next".



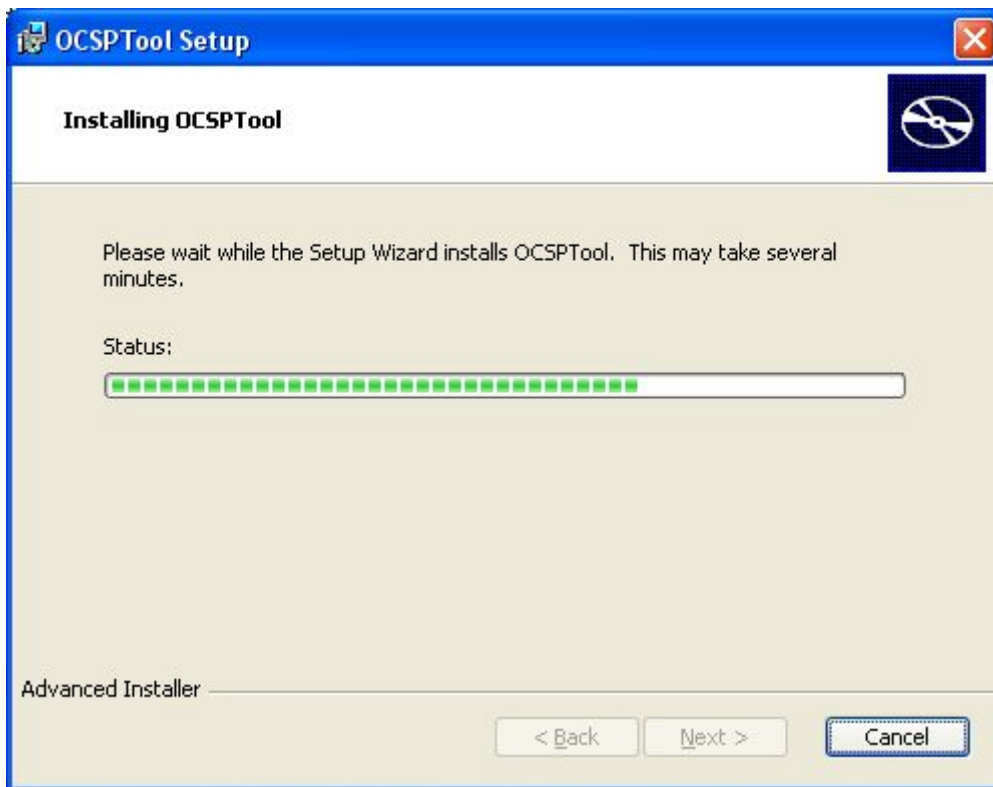
For the installation and usage of the tool the end user license agreement must be accepted. Click "Next" to get to the selection of the installation folder:



Please select a folder, in which the OCSP tool will be installed and proceed with "Next".



Confirm your selection with "Install" and the installation process starts.



As soon as the tool is installed, it can be started via Windows Start Menu - "A-SIT" - "OCSP Tool".

### **1.3. Uninstall**

The tool can be uninstalled via the Windows Control Panel.

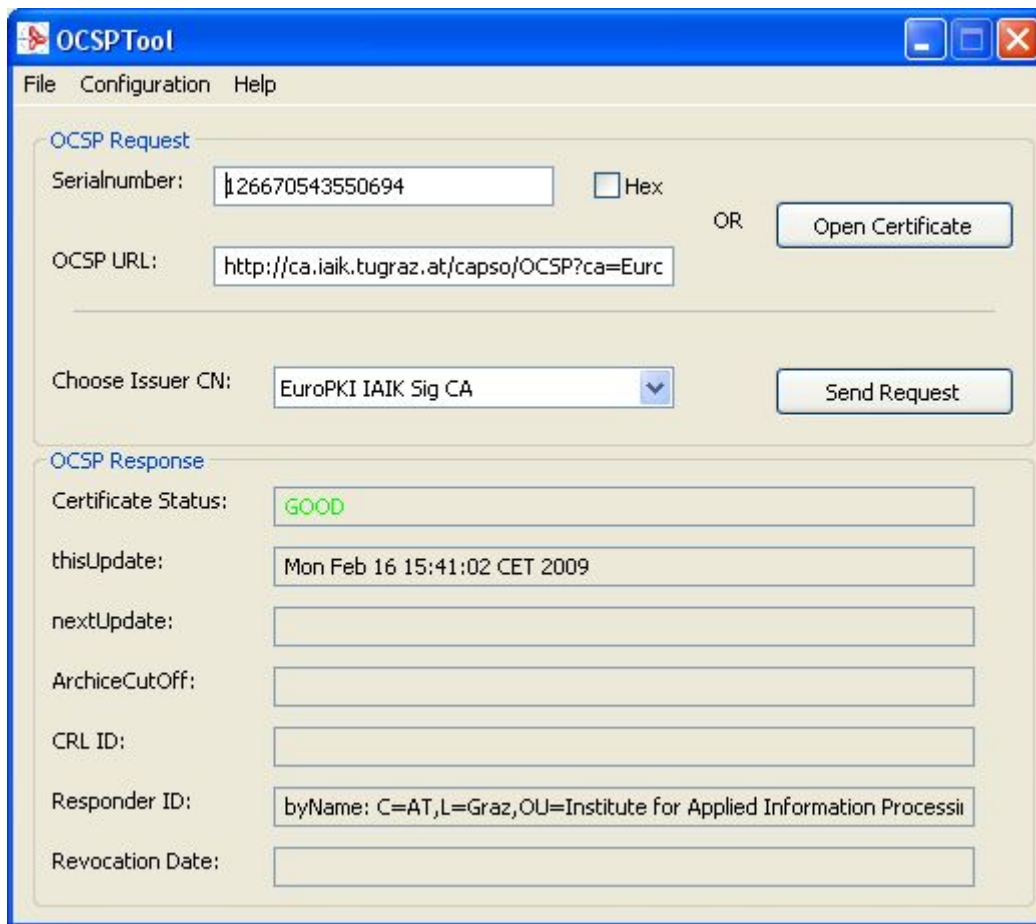
## **2. Sending an OCSP Request**

To send an OCSP request following data must be given:

- Serialnumber of the certificate to be checked (hex or decimal).
- URL of the OCSP responder
- Common name of issuer (IssuerCN)

The first two parameters may be also specified via opening the certificate to be checked. For the IssuerCN a list of pre-configured issuers is shown (see chapter Configuration).

After indicating these parameters the request may be send via the Button "Send Request".



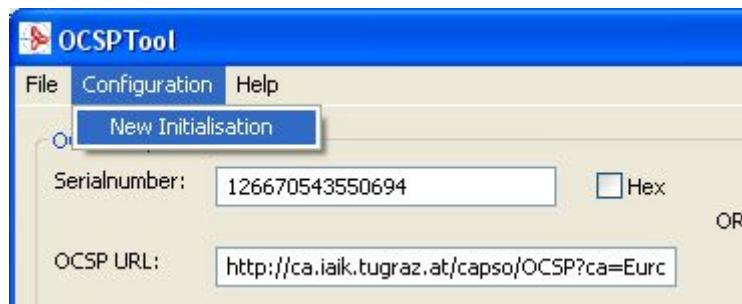
## 2.1. Showing the OCSP Response

First of all the OCSP response shows the status of the certificate (good, unknown, revoked). Following additional information is shown (in case of they are available):

- thisUpdate
- nextUpdate
- ArchiveCutOff
- CRL ID
- Responder ID
- Revocation Date

## 3. Configuration

The tool is delivered with some pre-configured issuer certificates (A-CERT, A-Trust, eCard and IAIK-EuroPKI). These certificates are stored in directory "issuer" under the directory ".OCSPTool" in the users home directory (e.g. C:\Users\[username]\Documents\.OCSPTool). To add additional issuer certificates just copy the certificates into this directory. Afterwards the tool must be restarted or new initialised via the sub-menu "Configuration-New Initialisation".



## 4. End User License Agreement

### 4.1. Instructions for Use

A-SIT offers the tools to both public administrations and the private sector. These tools are available for free under an open source license model. An Apache Software Foundation (Version 2.0) style license model is used, see <http://www.apache.org/licenses/LICENSE-2.0>.

### 4.2. The following requirements apply

- The open source license refers only to those modules, where A-SIT is holding the rights.
- Rights of some of the offered tools are held by the Austrian Federal Chancellery <http://www.bka.gv.at/> and the tools are offered by A-SIT for download. The Federal Chancellery offers the modules under a similar open source license model. Hence an analogous licensing model is available for these tools.
- Beside basic libraries, which are also offered under free software licenses, some tools are using crypto libraries which rights are held by Stiftung Secure Information and Communication Technologies <http://www.sic.st>. For those libraries licenses for non-commercial and research purposes with waived license fees exist.
- The licensee needs to take care himself of getting the necessary licenses of any third party modules where A-SIT does not hold the rights.
- The licensee needs to take care himself of operating the tools in his own environment or for any adaptations of the software to his environment.

The offered modules and tools are demonstrators which did not undergo professional test and quality assurance processes of modules used under production conditions. The modules and tools are therefore provided without any guarantees, warranty, or liability.

In case tools which are based on A-SIT work are applied in other systems we ask for an appropriate statement of the original source (e.g. as acknowledgement in your result).

Some tools are not yet available for download for installation in local environments or the source code is not yet provided. In case you are interested in any such tool, please contact [technology@a-sit.at](mailto:technology@a-sit.at).