

Press release

Open Source SOA Security Gateway – new performance-optimized version

Besides several improvements, CORISECIO significantly optimized the Open SOA Security Gateway (SSF). The current SSF release version 1.2 enables companies to more efficiently protect Web Services in their SOA infrastructure.

November 09th, 2011 – The CORISECIO SOA Security Gateway Version 1.2 provides a significantly improved Security Gateway as Open Source solution. As open source developed together with the Federal Office for Information Security (BSI) it enables the automatic protection of Web Services according to standard security directives.

SOA (Service Oriented Architecture) infrastructures are characterized by summarizing a number of services into complex business processes. Thus, high communication traffic with a high number of instances involved is generated. A basic requirement for the productive use of these systems is a reliable protection of services as well as of the communication between customer and provider. E.g., for a secure communication, services require appropriate keys, certificates and an optimally suited infrastructure.

For this, SSF provides a multitude of Security Services and simultaneously the required infrastructure. So a complete PKI (Public Key Infrastructure) is already implemented. Additionally, tools for a certificate roll-out are provided. „So companies are enabled to centrally provide an automatic signature service for Web Services in the in-house infrastructure.” explains Dr. Bruno Quint, Managing Director of CORISECIO.

A multitude of improvements, also from the Open Source community were implemented in the current SSF 1.2 release. The most significant changes are recognizable in the performance area. E.g. the company-wide exchange of a cryptographic process is even more efficiently without modifying a single line of code in the application.

SSF is consequently constructed according to SOA principles, is based on open standards like Java, XML and Web Services and thus may be integrated into any system environments. By publication as Open Source software transparency is provided and adjustments according the individual requirements are enabled.

A free SSF 1.2 download is available at: <http://secrets.corisecio.com>.

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About CORISECIO

CORISECIO is leading manufacturer of Open Source Security products. Basis for all CORISECIO solutions is the Open Source platform secRT, developed together with the Federal Office for Information Security (BSI). Basing thereon, Enterprise standard solutions for Mobile Security, certified SAP Portal Security, SOA and Cloud Security as well as database encryptions are provided. CORISECIO is headquartered in Darmstadt and is supported by distribution partners worldwide.

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The screenshot displays the 'secRT AdminConsole' interface. On the left is a navigation sidebar with icons for Home, Entity, Admin, Workflow, Info, and Logout. The main area is titled 'AdminConsole' and contains several configuration panels:

- Workflow Entry Point:** A dropdown menu showing 'AppServer listener #1' with a 'Configure' button.
- Workflow Sequence:** A list of functions including 'ExtractFromRequest', 'SAMLAddUserAuth (SAML 1.X)', 'SignSOAPEnvelope', 'EncryptPathForCertificate', 'EnvelopeInRequest', 'Proxy', 'ExtractFromResponse', 'DecryptPath', 'SAMLCheckUserAuth (SAML 1.X)', 'VerifySOAPEnvelope', and 'EnvelopeInResponse'. There are 'Add', 'Configure', and 'Delete' buttons for these functions.
- Function:** A dropdown menu showing 'AddSOAPMessage' with an 'Add' button.
- Error Message:** A text area containing the message 'An error occurred.' with 'Ok' and 'Cancel' buttons below it.

The 'secRT' logo is visible in the top right corner of the interface.