I2-D16

Protune

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Abstract
This deliverable is a prototype implementation of the trust negotiation framework Protune developed by REWERSE WG I2.

Keyword List
Trust negotiation, Protune

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Contents

1 Description

The prototype implementation comprises the following functionalities:

- Policy editor;

- Protune's core, handling credential negotiations and policy enforcement according to the framework illustrated in deliverable I2-D2;

- Explanation facility (Protune-X), cf. deliverable I2-D4.

Protune's core is all compiled onto Java bytecode, which guarantees a good level of portability.

Note that Protune is not meant to be a standalone application, in the sense that it should only regulate access and information release in an arbitrary web application. Demonstrators showing how to protect and filter web pages with Protune policies are being developed. Screencasts are available on REWERSE's web site:

    http://rewerse.net/downloads_demos/

A live demo of the explanation facility can be seen on

    http://cs.na.infn.it/rewerse/demos/protune-x/demo-protune-x.html

One of our demonstrators on flexible web page filtering and protection will be presented at the conference IEEE POLICY 2008.

The bytecode of Protune is public. It can be downloaded from the "Software" section of the WG's web site:

    http://cs.na.infn.it/rewerse/ or http://rewerse.net/i2/

or, alternatively, from

    http://skydev.l3s.uni-hannover.de/gf/project/protune/frs/

The bytecode can be freely used for non commercial purposes. Commercial use licences will be initially negotiated on a case by case basis.

The software is currently a beta version.