

PassGen for Java

Protecting systems using One-Time Passwords

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PassGen is a toolkit to generate one-time passwords.

PassGen provides two one-time password systems in one convenient Windows application:

The IETF One Time Password Standard - S/KEY (RFC 1760). Most UNIX and Firewall systems provide support for this standard.

IBM Security Server (RACF™) Passticket algorithm available in RACF, CA-ACF2 and CA Top-Secret. This provides secure logon to IBM Mainframe systems. The Passticket can be used as a direct replacement for static Passwords; no changes are required to your existing applications.

One-Time Password:

A One-Time Password is a password that is used only once.

It can be used to authenticate users in a secure manner across insecure networks as once the password is used it can never be used again.

What does this toolkit consist of?

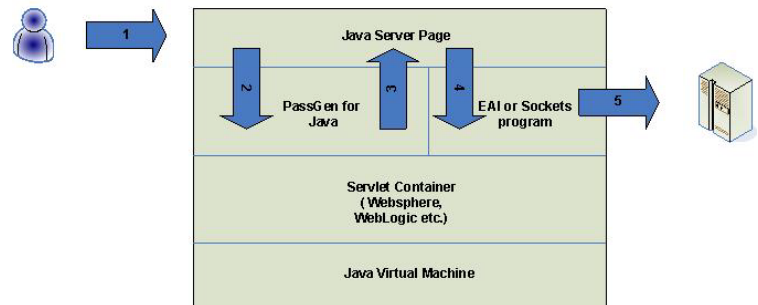
- * A user interface application that can be used to generate passwords.
- * A key storage facility (The Keystore) that stores your keys in an encrypted manner.
- * Java Classes to generate passwords.
- * Java Classes to store and manage encryption keys

With the interfaces provided you can securely store Secure Signon Keys and generate single use IBM Security Server Passtickets in your applications. You can also generate S/Key onetime passwords.

The Keystore: To provide secure storage PassGen provides an encrypted database called a Keystore. A Password is required to encrypt and decrypt data in this database.

User Interface application: This application provides users immediate access to the toolkit with an application that can be used to store keys and generate One-Time Passwords. Users can try this technology easily and quickly by generating a password and then using cut-and-paste to input it into an application.

Platforms Supported: Java Runtime Environment 1.4 or greater



Key Benefits:

- * Easily generate single use IBM Security Server Passtickets in your applications.
- * Easily generate S/Key one-time passwords.
- * Prevents Passwords from being intercepted on LAN and WAN.
- * Provides secure storage for One-Time Password keys.
- * Quick start with a supplied sample Passticket application

Programming Interfaces:

- * Java Classes to generate passwords
- * Java Classes to store and manage encryption keys

For more information, contact our Sales Team
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