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CUSTOMER RELEASE NOTES

SafeNet Authentication Client (Linux)

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Product Description

SafeNet Authentication Client is Public Key Infrastructure (PKI) middleware that provides a secure method for exchanging information based on public key cryptography, enabling trusted third-party verification of user identities. It utilizes a system of digital certificates, Certificate Authorities, and other registration authorities that verify and authenticate the validity of each party involved in an internet transaction.

SafeNet Authentication Client provides easy-to-use configuration tools for users and administrators.

New Features and Enhancements

- Alignment with SafeNet's new branding.
- Supports selection of multiple tokens from the tray menu.
- Support for Elliptic Curve Cryptography (ECC)- a PKI encryption technique based on elliptic curve theory that can be used to create faster, smaller, and more efficient cryptographic keys. The following Elliptic Curves are supported:

ECC_CURVE_P256 "1.2.840.10045.3.1.7"

ECC_CURVE_P384 "1.3.132.0.34"

Note: eToken Virtual does not support Elliptic Curve Cryptography.

- Support for Common Criteria (CC) certified devices and CC digital signatures.
- A new 32-bit compatibility package has been introduced to support 32-bit applications on 64-bit platforms. The user now has the choice of installing a 32-bit compatibility package to support 32-bit application on a 64-bit machine.
- Support for SafeNet 7300 tokens.
Note: SafeNet eToken 7300 manageability functionality (Partition, Initialization, Image burn, etc.) will only be available with SafeNet Authentication Client for Windows version 8.2 onwards.
- Support for CAPI certificates (generated on MS platforms) used by OpenSSL and OpenSSH has been added.
- Support for new operating systems (see System Requirements below)
- Additional configuration settings via the configuration file (see *SafeNet Authentication Client 8.3 (Linux) Administrator's Guide, Chapter 6 Configurable Settings* for details)
- License keys are supported, and required (see *SafeNet Authentication Client 8.3 (Linux) User's Guide, Chapter 8 Licensing*, for details)

Advisory Notes

Licensing

SafeNet Authentication Client 8.3 (Linux) is installed by default as non-licensed. For information about activating the license, see the SafeNet Authentication Client 8.3 (Linux) Administrator's Guide and User's Guide.

Localizations

SafeNet Authentication Client 8.3 (Linux) supports English only.

System Requirements

SafeNet Authentication Client (Linux) 8.3 supports the following:

Operating Systems:

- Red Hat 5.8 (32-bit and 64-bit)
- Red Hat 6.3. (32-bit and 64-bit)
- Red Hat 6.1 (32-bit and 64-bit)
- Red Hat 5.7 (32-bit and 64-bit)
- Ubuntu 12.10 (32-bit and 64-bit)
- Ubuntu 12.04 (32-bit and 64-bit)
- Debian 6.0 (32-bit and 64-bit)
- SUSE 11 (32-bit and 64-bit)
- CentOS 6.3 (32-bit and 64-bit)
- Fedora (32-bit and 64-bit)

Browser:

- Firefox 18

Mail Clients:

- Thunderbird 17

Installation Information

See *SafeNet Authentication Client 8.3 (Linux) Administrator's Guide* for details.



Resolved Issues

Description
SafeNet Authentication Client 8.3 (Linux) resolves stability issues when working with tokens.

Known Issues

Defect	Description
ASACL-78	Summary: When SAC is running on Red Hat 5.8 x64, the Smart Card Manager displays the token information (Issuer, Issued to, and Status) as unknown.
ASACL-88	Summary: Sometimes the token is not recognized because of a conflict between SAC drivers and openCT drivers. Workaround: <ol style="list-style-type: none">1. Stop the pcscd service.2. Delete the openCT folder or change the content of the openCT folder by removing the x0529 in the bundle.3. Re-start the pcscd service.
ASACL-91	Summary: When browsing to an SSL website, the token's PIN is requested even if the certificate does not fit the website.
ASACL-86	Summary: On Ubuntu 12.x, when running the installation via the terminal, the SAC Tray Menu sometimes fails to run. Workaround: Log off, and then Log on again.
ASACL-113	Summary: Sometimes, when working with Ubuntu 12 or Debian 6, when dialog boxes are opened in SAC Tools they are not in focus. Workaround: Select the dialog box manually.
ASACL-128	Summary: On Red Hat 5.8, when more than one token is connected, a corrupted token list is displayed in SAC Tools.



Defect	Description
ASACL-136	<p>Summary: When attempting to import an ECC supported pfx file into an ECC supported token an error occurred.</p> <p>This is a limitation of OpenSSL.</p>
ASACL-148	<p>Summary: When attempting to import a license on Red Hat 5.8 x32, after opening the About window in SAC Tools, the Import New License link does not work.</p> <p>Workaround: Copy the license file "SACLicense.lic" to the user's home folder.</p>
ASACL-145	<p>Summary: After installing SAC as Admin and then using it in User mode only, the token is not recognized.</p> <p>Workaround: The following scenarios are supported:</p> <ul style="list-style-type: none">• Install as Admin and work as Admin• Install as User and work as User• Install as User and work as Admin
ASACL-159	<p>Summary: When SAC is installed on Red Hat 5.8, SAC Tools cannot be opened from the Tray Menu.</p> <p>Workaround: Reboot the computer.</p>
ASACL-165	<p>Summary: When deleting eToken Virtual or eToken Rescue, the token is deleted, but the following erroneous error message is displayed: "Failed to delete eToken Virtual</p> <p>Workaround: Disconnect and re-connect the mass storage device.</p>
ASAC-170	<p>Summary: There are visual differences between the Ubuntu Gnome and KDE desktop environments.</p>
ASACL-174	<p>Summary: eTV2 is not supported on Ubuntu 12.x and Debian 6.</p>
ASACL-173	<p>Summary: The Generate OTP feature is not supported in SAC 8.3 Linux.</p>
ASACL-177	<p>Summary: After installing SAC on SUSE 11 the tray icon was not displayed.</p> <p>Workaround: Log out and log on again.</p>



Defect	Description
ASACL-179	<p>Summary: After connecting eToken Rescue, the token is not displayed in SAC Tools.</p> <p>Workaround: Click the Refresh icon.</p>
ASACL-178	<p>Summary: After using SAC Tools to delete a data objects from a token, the toolbar options when standing on other node are not refreshed.</p> <p>Workaround: Re-insert the token.</p>
ASACL-186	<p>Summary: When installing SAC on Red Hat 5.8 (x32 or x64) an error message is displayed as follows: " Unable to verify SafeNetAuthenticationClient..."</p> <p>Workaround: Before installing SAC on Red Hat, run the following (as a privileged user):</p> <pre>pm --import RPM-GPG-KEY-SafenetAuthenticationClient</pre>
ASACL-185	<p>Summary: After installing SAC on Ubuntu 12.04 or Debian 6.0 by double clicking the installation package, the tray icon is not displayed.</p> <p>Workaround: Run the following script for each user:</p> <pre>/use/share/eToken/systray-whitelist.sh add SACMonitor</pre> <p>To verify that SACMonitor is in the white list run:</p> <pre>/use/share/eToken/systray-whitelist.sh show</pre>
ASACL-190	<p>Summary: Attempting to import a CC certificate to a token already full of CC certificates failed as expected, but with an erroneous error message.</p>
ASACL-194	<p>Summary: When an error is displayed within SAC Tools, the message is not closed upon token removal.</p>
ASACL-211	<p>Summary: After inserting or attaching a token without an Admin PIN, the Unlock option was still displayed in the Tray Icon menu.</p>



Defect	Description
ASACL-210	<p>Summary: Token insertion is not recognized on a Linux platform where a pcscd process has not been enabled and is not running after the SAC installation.</p> <p>Workaround: Run the following command from the terminal: linux-vq6t~#sudo chkconfig pcscd on</p>
ASACL-207	<p>Summary: When attempting to perform an operation on a token whose password has expired, an incorrect error message states that the password will expire in one day, where in fact it has already expired.</p>
ASACL-217	<p>Summary: After switching user, SAC Monitor is not loaded.</p> <p>Workaround: When switching between users in Linux, SAC Monitor must be loaded manually.</p>
ASACL-222	<p>Summary: Sometimes the tray icon doesn't recognize an inserted token.</p> <p>Workaround: Restart the computer.</p>

Product Documentation

The following product documentation is associated with this release:

- SafeNet Authentication Client 8.3 (Linux) Customer Release Notes (this document)
- SafeNet Authentication Client 8.3 (Linux) Administrator's Guide
- SafeNet Authentication Client 8.3 (Linux) User's Guide
- SafeNet Authentication Client 8.3 (Linux) Help (available from SafeNet Authentication Client Tools)

We have attempted to make these documents complete, accurate, and useful, but we cannot guarantee them to be perfect. When we discover errors or omissions, or they are brought to our attention, we endeavor to correct them in succeeding releases of the product.



Technical Support Information

If you have questions or need additional assistance, contact Technical Support through the listings below:

Customer Connection Center (C3)	
http://c3.safenet-inc.com	
Existing customers with a Customer Connection Center account can log in to manage incidents, get the latest software upgrades, and access the SafeNet Knowledge Base.	
Support and Downloads	
http://www.safenet-inc.com/Support	
Provides access to the SafeNet Knowledge Base and quick downloads for various products.	
Email-based Support	
support@safenet-inc.com	
Telephone-based Support	
United States	(800) 545-6608, (410) 931-7520
Australia and New Zealand	+1 410-931-7520
China	(86) 10 8851 9191
France	0825 341000
Germany	01803 7246269
India	+1 410-931-7520
United Kingdom	0870 7529200, +1 410 931-7520