SafeNet Authentication Service
Authentication API for Microsoft .NET

CUSTOMER RELEASE NOTES

Version: 1.3.0

Build: 1.3.0.2727

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Contents

Product Description

SafeNet Authentication Service (SAS) Authentication API for Microsoft .NET allow developers to create custom SAS Agents using the .NET development environment. The API support all functions required to interact with the SAS. An SAS Agent passes User Names and One-Time Passwords (OTPs) from third-party applications to the SAS for authentication.

The SAS Authentication API for Microsoft .NET is represented by a single C# class, named `BSIDAPI`. This class comprises of the following two elements:

• A default constructor that loads its configuration information from a default Registry location.

• An alternate constructor that allow developers to define an alternate location in the Registry from which to load its configuration.

Release Description

Release Summary – SAS Authentication API for .NET v1.3.0

The SAS Authentication API for Microsoft .NET 1.3.0 introduces the following new features and enhancements.

• The BSID API is now compatible with .Net Framework 4.6.1 and onwards. The BSID API application is now migrated from 4.5.2 to .Net Standard 2.0 .

• Support of .Net 6 is now added.

  NOTE: Customers integrating with .Net Framework application must upgrade to .Net Framework 4.6.1 before upgrading to this version of the agent.

Release Summary – SAS Authentication API for .NET v1.2.1

The SAS Authentication API for Microsoft .NET 1.3.0 resolves a customer-reported issue.

Release Summary – SAS Authentication API for .NET v1.2.0

The SAS Authentication API for Microsoft .NET 1.2.0 introduces new features and resolves a known issue.

Support for Transport Layer Security v1.2

Support for Transport Layer (TLS) v1.2 protocol is now added.

Support for .NET v4.5.2 Framework

Support for Microsoft .NET v4.5.2 Framework is now added.

Release Summary – SAS Authentication API for .NET v1.11

The SAS Authentication API for Microsoft .NET 1.11 introduces a new feature and resolves known issues.

Support for Failover

SAS Authentication API for Microsoft .NET introduces support for failover to a secondary SAS server.

Documentation Enhancements

SafeNet Authentication Service Authentication API for Microsoft .NET Developers Guide has been updated with important security recommendations and other information. We strongly recommend reading it before installing the API.

Resolved Issues

SAS Authentication API for .NET v1.3.0

Issue	Synopsis
SASNOI-7532	The .NET API now renders the GrIDsure image successfully when calling either *getGridSureImage* or *getGridSureImageAsBase64* methods. In addition, to test these functions conveniently, **Grid Token** fields are added to the **Manager User Interface**.

SAS Authentication API for .NET v1.2.0

Issue	Synopsis
SASNOI-3038	The .NET API Client now successfully authenticate users with the agent's key file (`Agent.bsidkey`) downloaded from SAS Cloud environment. Earlier, it only worked with the key file included in the API SDK.

SAS Authentication API for .NET v1.11

Issue	Synopsis
SASIL-1261	The temporary folder, created by the method `System.IO.Path::GetTempFileName()`, no longer causes an error by accumulating a large number of files.
SASIL-333	The .NET API now supports failover to a secondary SAS server. For details, refer **Manager User Interface** > **Connecting to Authentication Server** section of the *SafeNet Authentication Service Authentication API for Microsoft .NET Developers Guide*.

Compatibility and Upgrade Information

Microsoft .NET Framework

The SAS Authentication API for Microsoft .NET 1.3.0 supports .NET Framework v4.6.1 (and later).

Authentication Management Systems

The SAS Authentication API for Microsoft .NET supports the following versions of SAS:

- SafeNet Authentication Service, Cloud

- SafeNet Authentication Service, PCE/ SPE 3.9.1 and later

Upgrade

Upgrade to SAS Authentication API for .NET 1.3.0 from earlier versions is not supported.

Product Documentation

The following product documentation is associated with this release:

- *SafeNet Authentication Service Authentication API for Microsoft .NET Developer Guide*

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.

Support Contacts

If you encounter a problem while installing, registering, or operating this product, refer the documentation. If you cannot resolve the issue, contact your supplier or **Gemalto Customer Support**.

Gemalto Customer Support operates 24 hours a day, 7 days a week. Your level of access to this service is governed by the support plan arrangements made between Gemalto and your organization. Please consult this support plan for further information about your entitlements, including the hours when telephone support is available to you.

Customer Support Portal

The Customer Support Portal, at **https://supportportal.gemalto.com**, is a where you can find solutions for most common problems. The Customer Support Portal is a comprehensive, fully searchable database of support resources, including software and firmware downloads, release notes listing known problems and workarounds, a knowledge base, FAQs, product documentation, technical notes, and more. You can also use the portal to create and manage support cases.

> **NOTE:** You require an account to access the Customer Support Portal. To create a new account, go to the portal and click on the REGISTER link.

Telephone Support

If you have an urgent problem, or cannot access the Customer Support Portal, you can contact Customer Support by telephone. Calls to Customer Support are handled on a priority basis.

Region	Telephone number (Subject to change. An up-to-date list is maintained on the Customer Support Portal)
Global	+1-410-931-7520
Australia	1800.020.183
China	North: 10800-713-1971 South: 10800-1301-932

France	0800-912-857
Germany	0800-181-6374
India	000.800.100.4290
Israel	180-931-5798
Italy	800-786-421
Japan	0066 3382 1699
Korea	+82 2 3429 1055
Netherlands	0800.022.2996
New Zealand	0800.440.359
Portugal	800.863.499
Singapore	800.1302.029
Spain	900.938.717
Sweden	020.791.028
Switzerland	0800.564.849
United Kingdom	0800.056.3158
United States	(800) 545-6608