



# SafeNet Authentication Service Agent for Internet Information Services

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## CUSTOMER RELEASE NOTES

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# Contents

Product Description.....	3
Release Description.....	3
New Features.....	3
Security Enhancements .....	3
Advisory Notes.....	4
Upgrade Limitation .....	4
Resolved and Known Issues.....	5
Resolved Issues.....	5
Known Issues.....	5
Compatibility .....	6
Authentication Server.....	6
Network.....	6
Supported Architecture.....	6
Supported Web Servers.....	6
Supported Applications and Objects .....	6
Supported IIS Authentication Type.....	6
Supported Web Browsers .....	6
Additional Web Browsers Requirements .....	6
Supported Authentication Methods .....	6
Installation and Upgrade Information .....	7
Importing Configuration from an Earlier Version of the Agent .....	7
Transferring Localization Settings .....	8
Product Documentation .....	8
Support Contacts .....	9

## Product Description

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SafeNet Authentication Service Agent for Microsoft Internet Information Services (SAS Agent for IIS) is designed for Terminal Services Web (TS Web), but may also be used for IIS websites where the authentication method is configured to use Microsoft authentication. The agent ensures web-based resources are accessible only to authorized users, whether working remotely or behind a firewall, by prompting for additional credentials during logon.

By default, logon to TS Web requires that the user provide a correct user name and password. The SAS Agent for IIS augments this logon mechanism with strong authentication by adding a requirement to provide a one-time password generated by a Gemalto token.

## Release Description

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SAS Agent for IIS 1.06 introduces security enhancements.

## New Features

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### Security Enhancements

Several security issues have been resolved, including hardening of the directory permissions level.

# Advisory Notes

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## Upgrade Limitation

- Automatic upgrade from earlier versions of SAS Agent for IIS to version 1.06 is not supported. Instead, the configuration from the older version must be saved, using the Export Utility, and then imported into the new installation.

For more information, see “Importing Configuration from an Earlier Version of the Agent” on page 7.

- In addition, the Localization settings of the older version must be saved and used in the newly installed SAS Agent for IIS to version 1.06.

For more information, see “Transferring Localization Settings” on page 8.

## Activating Basic Authentication

To prevent superfluous prompts for credentials when logging in, set the Web pages to Basic Authentication.

1. Launch the IIS Manager from **Administrative Tools**.
2. Navigate to **Computer Name > Sites > Default Web Site**
3. In the **IIS** section of the **Features View** pane, select **Authentication**.
4. Enable **Basic Authentication**.

# Resolved and Known Issues

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## Resolved Issues

Issue	Synopsis
SASIL-1944	<b>Summary:</b> A user without privileges no longer has access to the SAS Agent for IIS installation directory following installation by the domain administrator.

## Known Issues

Issue	Synopsis
SASIL-1958	<b>Summary:</b> There is no documented procedure for customizing the SAS Agent for IIS user interface. <b>Workaround:</b> None. Will be fixed in a future release.
SASIL-814	<b>Summary:</b> The client IP is not adjustable when using a monitor with low resolution. <b>Workaround:</b> None. Will be fixed in a future release.
SASIL-813	<b>Summary:</b> When logging in, the hardware credentials are always inserted by default. <b>Workaround:</b> None. Will be fixed in a future release.

# Compatibility

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## Authentication Server

- SafeNet Authentication Service PCE/SPE 3.3.2 and later
- SafeNet Authentication Service Cloud

## Network

- TCP Port 80 or 443

## Supported Architecture

- 32-bit
- 64-bit

## Supported Web Servers

- IIS 7.0
- IIS 7.5
- IIS 8.0
- IIS 8.5

## Supported Applications and Objects

- Terminal Services Web Sites, Virtual Directories, Applications

## Supported IIS Authentication Type

- Microsoft Authentication (Basic Authentication)

## Supported Web Browsers

- Internet Explorer 9, 10, 11
- Microsoft Edge
- Chrome
- Firefox

## Additional Web Browsers Requirements

- Cookies must be enabled
- JavaScript must be enabled
- ActiveX plug-ins (software token detection only)

## Supported Authentication Methods

- All tokens and authentication methods supported by SafeNet Authentication Service

# Installation and Upgrade Information

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## Importing Configuration from an Earlier Version of the Agent

If you wish to keep the settings from SAS Agent for IIS 1.04 or 1.05 for use in version 1.06, you must use the Export Configuration Utility (**ExportIISAgentUtility.exe**).



**NOTE:** The Export Configuration Utility (**ExportIISAgentUtility.exe**) is included in the software package.

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The utility is used to export the configuration settings from the currently installed version (1.04 or 1.05). These settings are then imported into 1.06 using the **Load Saved Configuration** feature.

### To Import settings from an earlier installation of SAS Agent for IIS:

1. Place the Export Configuration Utility (**ExportIISAgentUtility.exe**) in the installation path of the previously installed version of SAS Agent for IIS.  
By default the installation directory is **C:\Program Files\CRYPTOCARD\BlackShield ID\IIS7\bin**
2. Run the Export Configuration Utility:
  - a. Double click on **ExportIISAgentUtility.exe**
  - b. When the window opens, press **Enter**.A file of the settings (**Backup.bsIdConfig**) is created.
3. Make a copy of **Backup.bsIdConfig** and save in a different location for later use.
4. Uninstall SAS Agent for IIS 1.04 or 1.05.
5. Delete the installation folder of the agent manually.
6. Install SAS Agent for IIS 1.06
7. In the **SAS Agent for Microsoft IIS Configuration Tool** window, select **File > Load Saved Configuration**.
8. Navigate to the saved configuration file (**Backup.bsIdConfig**) and click **Open**.

The saved configuration is imported into the newly installed SAS Agent for IIS 1.06.



### NOTES:

- Always work in Run as Administrator mode when installing or uninstalling SAS Agent for IIS.
  - The export and import of the configuration file (**ExportIISAgentUtility.exe**) must be performed from the same location. By default, the path is **C:\Program Files\CRYPTOCARD\BlackShield ID\IIS7\bin**. If a non-default directory was used in the original installation, the same path must be used for the new installation.
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## Transferring Localization Settings

To preserve changes made to the localization settings in the earlier installation, the `messages.txt` file must be saved and used in the new installation.

### To Import localization settings from an earlier installation of SAS Agent for IIS:

1. Before uninstalling the previous installation of SAS Agent for IIS, make a copy of **the `messages.txt` file** (Default: `C:\Program Files\CRYPTOCARD\BlackShield ID\IIS7\LocalizedMessages`) and save in a different location for later use.
2. After installing SAS Agent for IIS and after importing the configuration, replace the **`messages.txt` file** in the same directory (Default: `C:\Program Files\CRYPTOCARD\BlackShield ID\IIS7\LocalizedMessages`).

## Product Documentation

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The following product documentation is associated with this release:

- SAS Agent for Microsoft Internet Information Services (IIS) Configuration Guide (PN: 007-012393-002)
- SAS Agent for Microsoft Internet Information Services (IIS) Frequently Asked Questions (PN: 007-013419-00)

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

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If you encounter a problem while installing, registering, or operating this product, please make sure that you have read 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.

Contact Method	Contact Information	
<b>Address</b>	Gemalto, Inc. 4690 Millennium Drive Belcamp, Maryland 21017, USA	
<b>Phone</b>	US	1-800-545-6608
	International	1-410-931-7520
<b>Technical Support Customer Portal</b>	<a href="https://serviceportal.safenet-inc.com">https://serviceportal.safenet-inc.com</a> Existing customers with a Technical Support Customer Portal account can log in to manage incidents, get the latest software upgrades, and access the Gemalto Knowledge Base.	