

SafeNet Authentication Service Migration Guide

BlackShield ID v2.7 to SAS SPE



THE
DATA
PROTECTION
COMPANY

Document Information

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Contact Method	Contact Information
Mail	SafeNet, Inc. 4690 Millennium Drive Belcamp, Maryland 21017, USA
Email	TechPubs@safenet-inc.com

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Introduction

Third-Party Software Acknowledgement

Material from third-party software is used solely for the purpose of making instructions clear. Screen images and content obtained from third-party software will be acknowledged as such.

Applicability

The information in this document applies to the following:

Supported SAS Version	SAS SPE 3.x or higher
Supported BlackShield Server	2.7.368 or higher
Supported SAS Database Servers	<ul style="list-style-type: none">• MySQL• MS SQL• PostgreSQL
Supported SAS SPE Operating Systems	<ul style="list-style-type: none">• Windows• Windows 2008• Windows 2008 R2
Supported Architecture	64-bit
Additional Software Components	.Net 2.0

Migration Prerequisites and Limitations

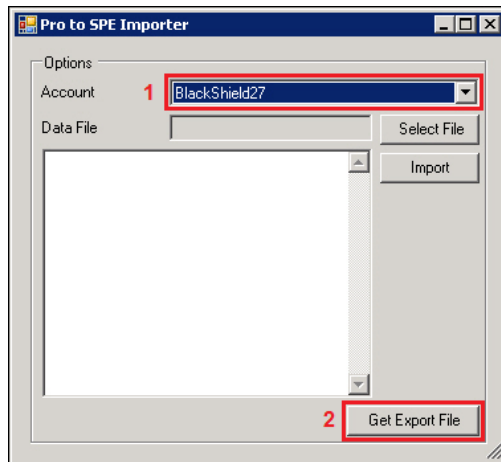
The SAS Migration Utility allows for the import of users, operators, and tokens from BSID 2.7 to SAS SPE 3.x. Before proceeding with migration, note the following prerequisites and limitations:

- SAS SPE 3.x cannot be installed on the same server as BSID 2.7.
- The SAS SPE 3.x server must already have an active database configured on the **System** tab.
- A subscriber or service provider account must exist.
- If BSID 2.7 is using LDAP as its user source, the SAS SPE 3.x server must be configured to use the same LDAP server prior to migration.
- BSID 2.7 license files cannot be used with SAS SPE 3.x.
- Ensure that the license installed on SAS SPE 3.x supports an equal or greater number of tokens as the BSID 2.7 license to ensure that all tokens are imported and activated for all users. If the number of tokens supported by the SAS SPE 3.x license is smaller, the import and activation will not take place for any user, operator, or token.
- The SAS Migration Utility will not import settings from the **Policy** tab.

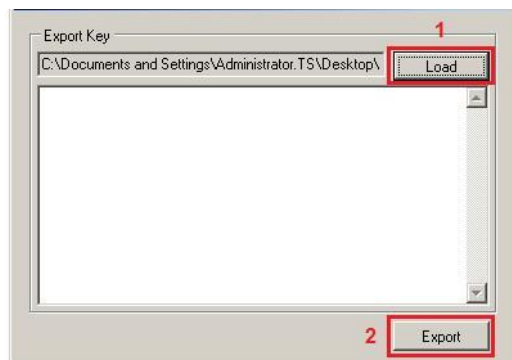
- The SAS Migration Utility will not import RADIUS attributes and clients. These must be manually created on the Microsoft RADIUS server (IAS/NPS) or FreeRADIUS server. Existing SAS IAS/NPS agents can be reconfigured to authenticate against SAS SPE 3.x.
- The SAS Migration Utility cannot import users with static passwords. Tokens of this type must be revoked in BSID prior to migration. After migration, these users can be reassigned a static password in SAS. Before proceeding with migration, make note of all users that are assigned static passwords in BSID. This can be done easily on the **Secured Users** tab by performing a token search for the **Token Serial** value of 0 (zero). Revoke the token for each of these users. Once this is done for all users, you can proceed with migration.
- All BSID 2.x agents are compatible with SAS SPE 3.x.
- If a duplicate serial number is detected during migration, the migration utility will change the serial number and then assign the token to the user. The change in the serial number does not affect a migrated user's ability to authenticate against SAS SPE 3.x.
- BSID 2.7 operators must have full access control to be migrated as an operator in SAS.
- SAS SPE 3.x operators who do not have full access control will be demoted to a regular user.
- SAS operators should have a valid email in BSID. The operator validation URL and SMTP server should be defined in SAS. It should also be confirmed that SAS is able to send emails to their users and operators.
- All outstanding token provisioning tasks on the BSID 2.7 server must either be completed or revoked prior to generating the export file.
- If the BSID user source is LDAP, make sure there are no errors connecting to either the primary or failover LDAP servers from BSID. This can be checked in the Event Viewer. Use the BlackShield Export Tool for enhanced logging.
- BSID users cannot have both a password and a token. For any users that have both, revoke the password from those users prior to migration.

Migration Steps

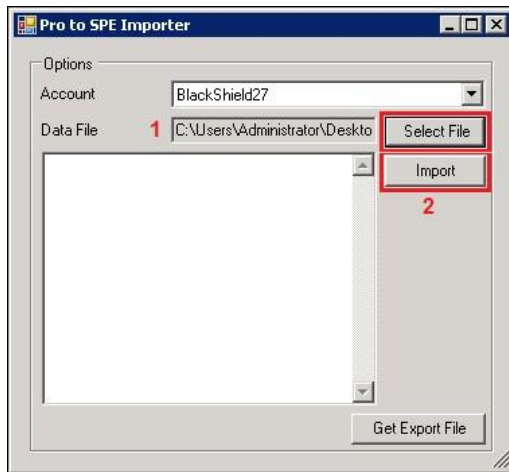
1. On the SAS SPE 3.x server, open a DOS prompt and go to the following location:
C:\Program Files\CRYPTOCARD\BlackShield ID\BlackShield Site\Console\bin
2. Run the following command: **ProImporter.exe -ui**



3. On the **Pro to SPE Importer** window, in the **Account** field, select the SAS SPE account that BSID 2.7 will be migrated to, and then click **Get Export File**.
4. On the **Save As** window, enter the name of the account for the SAS migration key file (.bskf).
5. On the BSID 2.7 server, copy the SAS migration key file (.bskf) to the following directory:
C:\Program Files\CRYPTOCARD\BlackShieldID\BlackShield Site\Console\bin
6. On the BSID 2.7 server, go to the following directory:
C:\Program Files\CRYPTOCARD\BlackShield ID\BlackShieldSite\Console\bin
7. Double-click the **BlackShieldExport.exe** file.
8. Click the **Load** button.
9. Browse to the SAS migration key file (.bskf) and then click **Export**.



10. On the **Save As** window, enter the name of the account for the SAS migration data file (.bsmd).
11. On the SAS SPE 3.x server, copy the SAS migration data file (.bsmd) to the following directory:
C:\Program Files\CRYPTOCARD\BlackShieldID\BlackShield Site\Console\bin



12. Click **Select File**, browse to the SAS migration data file (.bsmd) and then click **Import**.
13. Log in to SAS SPE and verify that the migration has completed successfully.

Support Contacts

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 SafeNet Customer Support. SafeNet 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 SafeNet 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	
Address	SafeNet, Inc. 4690 Millennium Drive Belcamp, Maryland 21017 USA	
Phone	United States	1-800-545-6608
	International	1-410-931-7520
Technical Support Customer Portal	https://serviceportal.safenet-inc.com Existing customers with a Technical Support Customer Portal account can log in to manage incidents, get the latest software upgrades, and access the SafeNet Knowledge Base.	