



STORMSHIELD



GUIDE

**STORMSHIELD DATA SECURITY
ENTERPRISE**

MIGRATION GUIDE

Version 11.4

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Reference: [sds-en-sdse-migration_guide](#)



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In the documentation, Stormshield Data Security Enterprise is referred to in its short form: SDS Enterprise.



1. Getting started

Welcome to the SDS Enterprise *Migration Guide*.

This guide is for administrators wishing to upgrade their SDS Enterprise 10.x or 11.x agent pool to version 11.4.

The *SBox.ini* configuration file is no longer used with solution version 11.4.

You can now configure most of the parameters previously contained in this file:

- either in the security policies in *.json* format,
- or directly in the Windows registry.

The other parameters are now replaced by fixed values in the code, or deleted as obsolete.

See the remainder of this guide for the new locations of these parameters and the *Advanced Configuration Guide* for how to use them.

A migration tool is also available on request. Please contact the Stormshield Technical Assistance Center.

However, the *SBox.ini* file is not deleted from the installation folder on the workstations so that you can view your old parameters choices at any time.



2. Parameters moved to the security policy

The following table lists the old parameters in the *SBox.ini* file and their equivalents in the *.json* security policy configuration file.

See the *Advanced Configuration Guide* for more information on setting up the security policy.

<i>SBox.ini</i> file section	Parameter	Equivalent in the <i>.json</i> file
User	RootPath1 RootPath2	accountPolicy > parameters > primaryUserPath accountPolicy > parameters > secondaryUserPath
CRL	LDAPTimeOut	revocationPolicy > ldapTimeOutInSeconds
	HTTPTimeOut	revocationPolicy > httpTimeOutInSeconds
	DontDisplayWrnMsgDBDeleted	revocationPolicy > displayWarningDBDeleted
	DontDisplayWrnMsgDBCORRUPTED	revocationPolicy > displayWarningDBCORRUPTED
Team	ExcludedPath	teamPolicy > excludedFolders
	SecureDragAndDrop	teamPolicy > secureDragAndDrop
	ShowSuccessfulOperations	teamPolicy > showSuccessfullyProcessedFiles
SBox.NewUserWizard	AllowNewUser	accountPolicy > creation > passwordAccountMethod accountPolicy > creation > cardAccountMethod
	UsrPwdMinLen	accountPolicy > creation > passwordAccount > totalCharMinCount
	UsrPwdCharSet	accountPolicy > creation > passwordAccount > alphabeticCharMinCount accountPolicy > creation > passwordAccount >numericCharMinCount accountPolicy > creation > passwordAccount >specialCharMinCount
SBox.NewUserWizard SBox.KeyRenewalWizard	Pkcs12Import	accountPolicy > creation > passwordAccount > allowedKeySources with the value "p12File"



NewUser KeyRenewal	CertLife	accountPolicy > creation > passwordAccount > selfSignedOptions > baseLifetimeYears accountPolicy > creation > passwordAccount > selfSignedOptions > renewalPeriodYears
	CRYPTO_AES_256BITS	accountPolicy > parameters > encryptionAlgorithm accountPolicy > parameters > hashAlgorithm accountPolicy > parameters > keyEncryptionMethod accountPolicy > creation > accountKeyMode
	KEY_RSA_2048BITS	accountPolicy > creation > allowedKeyTypesForP12Import
	KEY_RSA_4096BITS	accountPolicy > creation > allowedKeyTypesForP12Import
SBox.KeyRenewalWizard	AutomaticRenewFromCard	accountPolicy > parameters > enableAutomaticRenewFromCard
Logon	AllowCard	accountPolicy > parameters > accountMode
	AllowPassword	accountPolicy > parameters > accountMode
	ConnectOnCard	accountPolicy > cardaccount > connectOnCardInsertion
	UnfreezeOnCard	accountPolicy > cardaccount > unfreezeOnCardInsertion
	RepairCardAccount	accountPolicy > cardaccount > enableRepairCardAccount
NewUser	AuthorityCommonNameEncryption	accountPolicy > creation > automatic > encryptionKeyAuthorityId
	AuthorityCommonNameSignature	accountPolicy > creation > automatic > signatureKeyAuthorityId
Directory	AddAsteriskSuffixInLdapFilter	directories > ldap > addWildcardSuffixInFilter
	AddAsteriskPrefixInLdapFilter	directories > ldap > addWildcardPrefixInFilter
Disk	MaxVolumeSize	diskPolicy > maxSizeMB
	FileSystem	diskPolicy > fileSystem
	Label	diskPolicy > volumeName



	AllocUnit	diskPolicy > allocationUnitKB
	QuickFormat	diskPolicy > enableQuickFormat
	Compression	diskPolicy > enableCompression
	CreateDiskOnFirstConnection	diskPolicy > automaticCreation
	VboxFullPathName	diskPolicy > automaticCreation > vboxFullPath
	SilentSize	diskPolicy > automaticCreation > sizeMB
	AutoMount	diskPolicy > automaticCreation > autoMount
	MountLetter	diskPolicy > automaticCreation > mountLetter
	CloseReportWindow	diskPolicy > automaticCreation > showFinalReport
	Verbose	
	ModifyRescueFile	diskPolicy > enableRescueFileModification
	ExpertMode	diskPolicy > enableExpertMode
	MountAsRemovable	diskPolicy > mountAsNonRemovable
File	AllowTranscipheringWithDecipheredKeys	filePolicy > allowTranscipheringWithDelegationKeys
Shredder	DisconnectedPattern	shredderPolicy > shreddingPatternBytes
Sign	MailToAskForSignature	signPolicy > preselectMailToAskForSignature
	MailToNotifyCoWorkers	signPolicy > preselectMailToNotifyCoWorkers
NewUserCard	AllowNewUserAuto	accountPolicy > creation > cardAccountMethod with the value "automatic"



3. Parameters moved to the Windows registry

The following table lists the old parameters in the *SBox.ini* file, which have been replaced by keys in the Windows registry.

If you have customized these parameters in your *SBox.ini* file, you must:

- customize the corresponding registry keys,
- re-deploy the modifications to the workstations concerned by GPO, for example,
- restart the workstations.

To edit the registry base:

1. Access the registry by running **regedit.exe** with administrator rights.
2. In the tree view, browse to the key indicated, or create one in one of the following tree structures:
 - HKEY_CURRENT_USER\Software\Policies\Arkoon\Security BOX Suite\<Section>\<Item>
 - HKEY_LOCAL_MACHINE\Software\Policies\Arkoon\Security BOX Suite\<Section>\<Item>

Replace <Section> with the section name in the *SBox.ini* file and <Item> with the parameter name.

3. Enter a custom key value. Some keys are documented in the *Advanced Configuration Guide*.
4. Quit the registry database.

! WARNING

The content of the HKEY_CURRENT_USER tree depends on whether you access the registry with administrative rights or not.



<i>SBox.ini</i> file section	Parameters
Logon	RootFolder
	DontShowPath2
	TestOnCard
	NoShutdown
	NoCardAuthent
	ExternalCardAuthent
	SetForegroundWindow
	DontShowLicenceKey
	BalloonTimeOut
	CardFilterOn
	SlotFilterOn
	DontRestartPkcs11
	UpgradeEncipherCardAccount
	UpgradeEncipherCardAccount_CertificateTemplate
User	DefaultPath1
	DefaultPath2
	ConnectPopup
	ShowBrowse
	ShowLastUsers
LastUsers	NbLastUsers
NewUser	_ReadWriteRandom
SBox.KeyRenewalWizard	NoExtractableK
SBox.NewUserWizardEx	ExportKeys
	InternalKeys
	KeepCardObjects
External PKCS11 Policy	CPLShowExtension
	CPLCanChangePKCS11
	CPLForcePKCS11Label
CRL	CRLDatabaseModel
	TmpCRLPath
	DeleteTmpCRL



File	ExeToCheck
	ExeTargetDirectory
	AllowOverwriteFile
	ExeActivate
Decipher Key	HideOldKeyChoice
	OldKeyChoice
Team	SkipApp
	CheckCertificateTimeout
CardFilter	TokenInfoManufacturerIdPrefix
	TokenInfoModelPrefix
	TokenInfoLabelPrefix
SlotFilter	SlotInfoDescriptionPrefix
	SlotInfoManufacturerIdPrefix



4. Parameters replaced with fixed values or deleted

The following table lists the old parameters present in the *SBox.ini* file, which have been replaced by fixed values in the SDS Enterprise solution code, or which have been deleted because they have become obsolete.

<i>SBox.ini</i> file section	Parameter	Modification
User	HideCompletion	The auto-completion of user names in the SDS Enterprise login window is permanently enabled.
Team	CancellationEnabledDuration	Deleted because not used
SBox.NewUserWizardEx	AllowNewUser	Deleted because not used
	AllowNewUserCipher	
	AllowNewUserSign	
	ChangePinS0	
	UserPinLeft	Default number of login attempts before SDS Enterprise account lockout: 3
	SOPinLeft	Deleted because not used
	KeyPage	
	CreateForceKey	
	P12ImportPath	
	ShowKeyCertPage	
	ShowSaveKeyPage	
	SaveKeysInProfile	
	_AutoRandom	
	SelfCertMail	
	SelfCertOrganization	
	SelfCertOrganizationRW	
	SelfCertCity	
	SelfCertCityRW	Deleted because not used
	SelfCertCountry	
	SelfCertCountryRW	
	DisableCreateSelf	



KeyRenewal NewUser	KEY_RSA_512BITS	Deleted because not used
	KEY_RSA_768BITS	
	KEY_RSA_1024BITS	
	HASH_SHA1	SHA256 forced
NewUser	_ReadWriteRandom	Deleted because not used
	Pkcs12Export	
	AuthorityCommonName	
	MasterPath	
	DiffCertInfo	
	AddMRU	
	DirModelsFolder	
	DirectoryModel	
	_KModifiable	
	MasterPolicies	
	EnciphermentKeyInCard	
	SigningKeyInCard	
	NoExtractableKeystoreKeys	
	SignEnciph	
	_PwdConfirmation	When the SDS Enterprise account is created, the first password entry and confirmation are hidden.
	HASH_SHA256	SHA256 forced
external PKCS11 policy	CPLForcePKCS11DII	Deleted because not used
	CPLPKCS11InfosEnabled	The Information button in the Map Extension Configurator is permanently accessible.
	CPLPKCS11InfosSaveAsEnabled	The Save As button in the Map Extension Configurator Information window is permanently accessible.
	CPLPKCS11KnownList	Deleted because not used
	APICanChangePKCS11	Deleted because not used
	CPLPkcs11SaveAsEnabled	



Logon	AllowLocal Unblock	If the user's SDS Enterprise session is blocked, local unblocking is always allowed.
	AllowDistant Unblock	If the user's SDS Enterprise session is blocked, remote unblocking is always allowed.
	GUILog	Entering a password in the command line is always allowed.
	LockOnWinSessLock	When the Windows session is locked, SDS Enterprise is automatically locked.
	UnlockOnWinSessUnlock	When the Windows session is unlocked, SDS Enterprise remains locked (except for SSO user accounts).
	P10RequestEmail	Certificate requests must be submitted manually.
	_LargeFont	Deleted because not used
	UsxUpdateSilently	
	NoHMACVerif	
	_RestartOnSuspendPwd	
	_RestartOnSuspendCard	
	NoPwdInCmdLine	
LastUsers	LastUser%d	Deleted because not used
Directory	AddCertAttrInLdapFilter	To configure a custom search filter in the LDAP directory, see <i>Configuring the filter to search for employees in the LDAP directory</i> in the <i>Advanced Configuration Guide</i> .
	AddProxyAddressesInLdapFilter	
	WaitForNotConnectedLdapServer	Deleted because not used
	WaitForNotBindedLdapServer	
	WaitForNotRequestedLdapServer	
	LDAPStrictEmailSearch	
	LDAPConfig	The LDAP directory version used by default is version 2. You can enable version 1 via the registry key SOFTWARE\Policies\ARKOON\Security BOX Suite\LdapSearchEngine (DWORD value 1).
	USER	Deleted because not used
	AUTO	
	LEGACY	



Disk	DefaultVolumesize	The default size of an encrypted virtual volume when it is created is 10% of the size available on the selected drive.
Sign	TmpFolder	Deleted because not used
	MRUSize	Default value: 10
DirectoryUpdate	TimerInHour	Deleted because not used
CoworkerSelector	EnableResearchByEmail	To configure a custom search filter in the LDAP directory, see <i>Configuring the filter to search for employees in the LDAP directory</i> in the <i>Advanced Configuration Guide</i> .
	EmailSeparatorCharacters	
Mail	SilentImportTrustedLdapCert	Deleted because not used
	DoNotCheckNativeCheckBox	
	NoEmailLookUp	
	DisplayComlogWindow	Systematic display of the SDS Enterprise connection window.
	DisplayComlogWindo UserLocked	
	AllowSendClearIfEncryptAsked	When a peer does not have a valid encryption certificate, the user can still send the message in plain text.



5. Further reading

Additional information and answers to questions you may have are available in the [Stormshield knowledge base](#) (authentication required).



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