

STORMSHIELD



HYPER-V VHD DEPLOYMENT GUIDE Version 2

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Change log

Date	Description	
July 25, 2024	New section for External Sources support	
July 4, 2024	New document	





Getting started

Welcome to the Stormshield Log Supervisor Hyper-V VHD version 2 Deployment Guide.

This guide discusses the steps and considerations for deploying the SLS Hyper-V VHD on the Microsoft Hyper-V Server.

With the SLS Hyper-V VHD, you can benefit from the following unique features of Microsoft Hyper-V Server:

- **Expandable private cloud environment** provides flexible, on-demand IT services allowing you to make adjustments on resources as per change in requirements.
- Efficient hardware usage consolidates the servers dividing the workloads equally and uses
 powerful physical computers decreasing the power consumption and physical space.
- Improve business continuity minimizes the impact of both scheduled and unscheduled downtime of your workloads.
- Expandable virtual desktop infrastructure (VDI) who uses a centralized desktop strategy to increase business agility and data security, as well as simplify regulatory compliance and manage applications.

For a better assessment of this guide, we expect you to have a basic understanding of the Microsoft Hyper-V Server and its services.

In the documentation, Stormshield Log Supervisor is referred to in its short form SLS, Stormshield Network Security in its short form SNS, and Stormshield Endpoint Security Evolution in its short form SES Evolution.

IMPORTANT

- · This document covers only SLS version 2 deployments.
- You can launch one SLS instance from one VHD. To launch multiple SLS instances, make the required number of copies from the original VHD, and launch SLS from each one of them.
- SLS records all the changes and configurations made in its VHD. Therefore, we
 recommend that you save the downloaded VHD in its original state and launch a SLS
 instance only on its copy.
- The Stormshield Log Supervisor Hyper-V VHD file is a dynamically expanding VHD file; the disk storage is allocated only on demand. For the fixed sized VHD file, the disk storage is allocated immediately during the VHD file creation. You can convert the VHD to a fixed sized VHD file by using the Edit Disk utility of the HyperV Manager application.

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Requirements

Compatibility

For more information about the SLS Life Cycle management policy and compatibilities, refer to the **Product life cycle Log Supervisor** guide.

Minimum recommended specifications

- CPU: Quad-core
- RAM: 7GB
- Disk space: 169GB

1 NOTES

- These recommended specifications <u>only apply</u> to launch SLS on a new installation. If you are updating your SLS, these recommended specifications <u>may not apply</u>. For updating your SLS, please refer to the <u>Update Guide</u>.
- The chosen specifications must be consistent with the infrastructure in which SLS will be deployed and the amount of sources and logs that SLS will manage.



Deploying SLS Hyper-V VHD

You can deploy the SLS Hyper-V VHD using Hyper-V Manager from another Windows machine or using Windows PowerShell from the Hyper-V server itself.

Deploying SLS from another Windows machine using Hyper-V Manager

Selecting the Hyper-V Server

- Download the provided SLS .vhd file from your MyStormshield personal area, in Downloads
 > Downloads > Stormshield Log Supervisor > Firmware.
- Open the Hyper-V Manager console and select the Hyper-V server where you want to launch the SLS.
- 3. In the *Actions* tab of the console, click **New** and select **Virtual Machine**.
- 4. Read the details on the *Before You Begin* tab and click **Next**.

New Virtual Machine Wizard					
Before You Begin					
Before You Begin Specify Name and Location Specify Generation Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary O not show this page again					
< Previous Next > Finish Cancel					





Specifying a Name and Location

- 1. Enter a Name for the virtual machine.
- Select a Location to store the virtual machine and click Next.
 We recommend that you create a separate folder to store the SLS virtual machine. Make sure the folder has enough space to store the files of the SLS virtual machine.

8	New Virtual Machine Wizard			
Specify Name and Location				
Before You Begin Specify Name and Location Specify Generation Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary	Choose a name and location for this virtual machine. The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you easily identify this virtual machine, such as the name of the guest operating system or workload. Name: StormShield Log Supervisor You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server. ✓ Store the virtual machine in a different location Location: C:\ProgramData\Microsoft\Windows\Hyper-V\ Browse			
	Previous Next > Finish Cancel			

Specifying the Generation

1. Choose Generation 1 and click Next.

New Virtual Machine Wizard					
Specify Generation					
Before You Begin Choose the generation of this virtual machine. Specify Name and Location Image: Choose the generation of this virtual machine. Specify Generation Image: Choose the generation provides the same virtual hardware to the virtual machine as in previous versions of Hyper-V. Configure Networking Image: Connect Virtual Hard Disk Installation Options Summary Image: Choose the generation provides support for features such as Secure Boot, SCSI boot, and PXE boot using a standard network adapter. Guest operating systems must be running at least Windows Server 2012 or 64-bit versions of Windows 8. Image: Connect Virtual Hard Disk Installation Options Image: Choose the generation provides support for features such as Secure Boot, SCSI boot, and PXE boot using a standard network adapter. Guest operating systems must be running at least Windows Server 2012 or 64-bit versions of Windows 8. Image: Choose the generation provides the speen created, you cannot change its generation.					
	< Previous Next > Finish Cancel]			

Assigning Memory

1. Specify the **Startup memory** for the virtual machine. For SLS, the minimum memory requirement is 7GB.



2. Enable Dynamic Memory to use on-demand memory allocation and click Next.

New Virtual Machine Wizard					
Assign Memory					
Before You Begin Specify Name and Location Specify Generation Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary	Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 32 MB through 12582912 MB. To improve performance, specify more than the minimum amount recommended for the operating system. Startup memory: 8192 MB Use Dynamic Memory for this virtual machine. () When you decide how much memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.				
	< Previous Next > Finish Cancel				

Configuring Networking Connection

 Select the switch as per your networking requirement and click Next. In the screenshot below, we have selected an already created ExternalVMSwitch. For more information about the Hyper-V virtual switches, refer to Microsoft's Create and configure a virtual switch with Hyper-V page.

8e	New Virtual Machine Wizard			
Configure Networking				
Before You Begin Specify Name and Location Specify Generation Assign Memory	Each new virtual machine includes a network adapter. You can configure the network adapter to use a virtual switch, or it can remain disconnected. Connection: ExternalVMSwitch			
Configure Networking Connect Virtual Hard Disk Installation Options Summary				
	< Previous Next > Finish Cancel			





Connecting the Virtual Hard Disk

1. Select Use an existing virtual hard disk, browse to the .vhd file, then click Next.

80	New Virtual Machine Wizard				
Connect Virtual Hard Disk					
Before You Begin Specify Name and Location Specify Generation Assign Memory Configure Networking Connect Virtual Hard Disk Summary	A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties. Create a virtual hard disk Use this option to create a VHDX dynamically expanding virtual hard disk. Name: Location: C:\ProgramData\Microsoft\Windows\Hyper-V\\\Virtual\\Virtual\\Browse} Browse Size: 127 GB (Maximum: 64 TB) Cuse an existing virtual hard disk Use this option to attach an existing virtual hard disk, either VHD or VHDX format. Location: C:\Virtual\\Sigma virtual hard disk Use this option to attach an existing virtual hard disk, either VHD or VHDX format. Location: C:\Virtual\\Sigma virtual hard disk Use this option to skip this step now and attach an existing virtual hard disk later.				
	< Previous Next > Finish Cancel				

Completing the New Virtual Machine Wizard

- 1. **Review** the configuration before creating a virtual machine. Click **Previous** before finalizing the configuration if necessary.
- 2. Click Finish to create the virtual machine.

New Virtual Machine Wizard					
Completing the New Virtual Machine Wizard					
Before You Begin Specify Name and Location Specify Generation	You have successfully completed the New Virtual Machine Wizard. You are about to create the following virtual machine. Description:				
Assign Memory Configure Networking Connect Virtual Hard Disk	Name: StormShield Log Supervisor Generation: Generation 1 Memory: 8192 MB Network: Not Connected				
Summary Hard Disk: G:\ t.vhd (VHD, dynamically expanding) To create the virtual machine and close the wizard, click Finish.					
	< Previous Next > Finish Cancel				



Assigning Processors

- 1. In the *Hyper-V Manager* application, select the required **Hyper-V server**.
- 2. Select the required Virtual Machine, right-click on it, then click Settings....
- 3. Select **Processor** and specify the **Number of virtual processors** for the virtual machine. For SLS, the minimum requirement is a *Quad-core* processor.
- 4. Click Apply.



Starting the Virtual Machine

- 1. In the Hyper-V Manager application, select the required Hyper-V Server.
- 2. Select the required Virtual Machine, right-click on it, then click Start.







Deploying SLS from the Hyper-V server itself using Windows PowerShell

Download the provided SLS *.vhd* file from your **MyStormshield** personal area, in **Downloads** > **Downloads** > **Stormshield Log Supervisor** > **Firmware**.

On the Hyper-V server, open Windows PowerShell as an administrator and run the command:

```
New-VM -Name <VM_Name> -MemoryStartupBytes 7GB -BootDevice VHD -
VHDPath"<the_StormshieldLogSupervisor_VHD_path>" -Path <"<destination_
path for the VM>"> -Generation 1 -Switch <virtual switch name>
```

Then run the following commands:

Set-VM -Name <VM Name> -ProcessorCount 4

Start-VM -Name <VM Name>





Activating SLS

Accessing the SLS user interface

- 1. In the *Hyper-V Manager* application, select the required **Hyper-V Server**, select the required **Virtual Machine**, then click **Connect** on the *Actions* tab.
- 2. Note down its IP address. If it is not displayed, see the instructions below.
- 3. Enter the IP address in a web browser (example: https://10.45.3.95).
- 4. Log in to the SLS user interface. The default credentials are *admin* (username) and *changeme* (password).

If you need to get or set the IP address of the SLS instance:

- 1. Open a VM Console. The default credentials are *li-admin* (username) and *changeme* (password).
- 2. Retrieve the IP address by using the "ip a" command. Define the IP address by using the "change-ip" command, then the "systemctl reboot" command.

Getting the SLS Hardware Key

Once connected to the SLS user interface for the first time, it is requested to activate SLS with a license provided by Stormshield, which contains the details of the purchased product, the number of sources it can handle, and the license's expiration date.

The license refers to the Hardware Key of the solution, which is unique. You can find it here:

×,	System Settings / Licenses		
Ø	Licenses	Hardware Key: XXXXX-XXXXX-XXXXX-XXXXX-XXXXX-XXXXX-XXXX	Upload License
Ø	i Trial Version	system is running on a trial varsion with limited access to features	×
Q	Thease be aware that your		
Q	License Overview		
٦			
¢	Licenses	Allocated Remaining	Days Remaining
	SIEM Data Sources	5 3	15

Registering the SLS product

You must contact your Stormshield reseller or partner to obtain an SLS product. Then, register it in your MyStormshield personal area. You will be prompted to enter your SLS Hardware Key and SLS Serial Number. For more information, refer to the **Registering products** guide.



Downloading the SLS license (.pak file)

Download the license (*.pak* file) from your **MyStormshield** personal area. For more information, refer to the **Downloading a product's license file** page.

Installing the License

1. On SLS, go to 🕸 Settings >> System Settings in the navigation bar on the left and click License.

(Z)	System				
ø	Ch	p		t3	
Ø	System Monitor	System Settings	Licenses	Updates	
ø					
٩	Open Door	Backup and Resore	Plugins	Sync	
Eð					
\$	User Accounts				
	Configuration				
1	Knowledge Base				
	System Settings				

2. Click Upload License > SIEM.



- 3. Browse to the file containing the License Key.
- 4. Go through the END USER LICENSE AGREEMENT (EULA).



5. Click Submit if you agree with the terms and conditions of the EULA.



Changing the "admin" user password

For security reasons, you must change the default password of the "admin" user.

- 1. Go to \mathbb{R} User >> My Preferences in the navigation bar on the left.
- 2. In the Account tab, enter changeme in the Current Password field.
- 3. Enter the new password and confirm it.
- 4. Click Change Password.

	Change Password	Date Format:
		2024/06/27 🗸
	* Current Password:	Time Format:
		○ 12 Hour
	* New Password:	Current User Time:
		09:06:31
	* Retype New Password:	
G	password	API Access Key
Ċ.	Change Password	Access Key:
0	My Preferences	
٨	Logout	





Updating SLS to the latest patch

1. Identify the current SLS version installed. On SLS, click on O Help > About SLS in the navigation bar on the left and look for the version number.

ABOUT	×
SLS 2.■.	
This product is created by Logpoint for Stormshield	

2. Check the version release notes to see if a newer SLS version is available. If so, refer to the Update Guide to install it.





Getting logs from an SNS firewall

Adding a new device on SLS

1. On SLS, go to 🕸 Settings >> Configuration >> Devices and click Add.

(Z)	e 8	ACK	Devices			
	0	ADD	🕄 ADD BULK DEVICES 🛛 🛓 IMF	ORT 🧿 JOBS		
0		S.N.	Name	Addresses	Device Groups	Log Collection Policies
Ø		1	114-115	100.00.000.0		stormshield
Q		2	And and a second	10.01.1		stormshield
Q		3	localhost	127.0.0.1,::1	linux	
Ð						
鏱						

- 2. Enter the Name of the device.
- 3. In the IP address(es) field, enter the IP address of the SNS firewall.
- 4. In the Log Collection Policy field, select stormshield.
- 5. Choose the correct **Time Zone**.
- 6. Click Submit.

CREATE DEVICE		08
DEVICE INFORMATION -		
Name:	Alpha	
Device Address(es):	×	
Device Groups:		
Log Collection Policy:	stormshield ×	
Distributed Collector:		
Time Zone:	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	Ŧ
RISK VALUES		
Confidentiality:	Minimal	Ŧ
Integrity:	Minimal	Ŧ
Availability:	Minimal	Ŧ
	Submit	Cancel



Configuring logs retrieval

You can choose to either get the logs from the SNS firewall through **standard Syslog** or more securely through **Syslog-TLS**.

Getting the logs through standard Syslog

Configuring a standard Syslog connection on the SNS firewall

- 1. On SNS, go to Configuration > Notifications > Logs Syslog IPFIX > Syslog.
- Select the object representing the IP address of the SLS instance or create a new object if one has not been created yet.
- 3. Select the appropriate protocol (TCP or UDP).
- 4. Select the port number. The default listening port is 514. You can retrieve the Syslog listening port by using the "change-syslog-port" command on a VM console. Note that using this command toggles the port between 514 and 601. Use it again if necessary.
- 5. Select the format.
- 6. **Apply** the configuration.

I NOTIFICA	TIONS / LOGS - SYSLOG - II	PFIX			
LOCAL STOR	AGE SYSLOG IPFIX				
SYSLOG PROF	ILES	Details			
Status	Name	Details			
💽 Enabled	SLS	Name:	SLS		
	Syslog Profile 1	Comments:	SLS		
Disabled Syslog Profile 2		Syslog server:	SLS_Server	▼ 5.	
	Syslog Profile 3	Protocol:	UDP		
		Port:	syslog	· 5.	
		Certification authority:	Syslog-CA	* X	
		Server certificate:	sls.syslog	* ×	
		Client certificate:		* X	
		Format:	RFC5424	•	

Getting the logs through Syslog-TLS

Downloading SNS Certificate Identity

- 1. On SNS, go to Configuration > Objects > Certificates and PKI.
- 2. Create a Server Identity with RSA as Key type.





3. Download the Server Certificate identity as a P12 file.

SOBJECTS / CERTIFICATES AN) PKI		
Q , Enter a filter	II - * ₹ ₹ + A	Add \rightarrow X Revoke \equiv Actions \rightarrow	📮 Download 👻 👁 Check usage
	9 9 9 9 9 9	DETAILS REVOCATION (CRL Validity Issued: Expires:	Certificate Identity CRL Feb 16 12:43:29 2021 GMT Feb 14 12:43:29 2031 GMT
SSL proxy default authority CA_for_SMC_VPN_tunnels Syslog-CA	P P P	Issued for	C=AW,ST=test state,L=test city,O=Te

Extract the key from the certificate

On a terminal emulator, use the following commands. Customize the .p12, .key and .crt file names to match your case.

```
~/ SYSLOG-TLS ]$ openssl pkcs12 -in syslog2.sls.local.p12 -out
syslog2.sls.local.key -nocerts
Enter Import Password:
Enter PEM pass phrase:
Verifying - Enter PEM pass phrase:
~/SYSLOG-TLS ]$ openssl pkcs12 -in syslog2.sls.local.p12 -out
syslog2.sls.local.crt -nokeys -clcerts
Enter Import Password:
~/SYSLOG-TLS ]$ openssl rsa -in syslog2.sls.local.key -out syslog2.sls.local-
unprotected.key
Enter pass phrase for syslog2.sls.local.key:
writing RSA key
```

Importing the SNS Certificate Identity on SLS

On SLS, go to ⁽²⁾ Settings >> System Settings >> System Settings.



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2. On the Syslog tab, import the Certificate (.crt file) and the Key (.key file).

3. Save.

SYSTEM SETTINGS				8	8
General	•	TLS			-
SMTP	•	Certificate:		Browse	
NTP	•	Key:		Browse	
SNMP	•	SI S Cartificatos ha	wa alaadu baan installad		
HTTPS	•	SES Certificates ha	we arready been installed		
Syslog	►	SEQUENCE NUMB	ERING		
Support Connection	•	Add sequence i	numbers on log received from syslog collector		
Modes of Operation	•	COLLECTOR			
SSH Key Pair for li-admin	•	Message Length:	12		
Lockout Policy	•			1KB / 64KB	
Enrichment	•				
Data Privacy Module	×		Save	Cancel	

Configuring a Syslog-TLS connection on the SNS firewall

- 1. On SNS, go to Configuration > Notifications > Logs Syslog IPFIX > Syslog.
- 2. Select the object representing the IP address of the SLS instance or create a new object if one has not been created yet.
- 3. Choose *TLS* Protocol.
- 4. Fill in the certificate information.
- 5. Select *legacy_long* format.
- 6. Apply the configuration.

	ATIONS / LOGS - SYSLOG	- IPFIX				
SYSLOG PROF	FILES	Details				
Status	Name					
💽 Enabled	SLS	Name:	SLS			
🗇 Disabled	Syslog Profile 1	Comments:	SLS			
⊙ Disabled	Syslog Profile 2	Syslog server:	SLS Server	-	100	
	Syslog Profile 3	Syslog Profile 3	Protocol:	TLS		•
		Port:	syslog-tls	-	93	
		Certification authority:	Syslog-CA		>	
		Server certificate:	sls.syslog	-	>	
		Client certificate:		-	>	
		Format:	legacy_long		•	



Getting logs from SES Evolution

Adding a new device on SLS

1. On SLS, go to 🕸 Settings >> Configuration >> Devices and click Add.

(Z)	€ B	АСК	Devices			
	0	ADD	🕄 ADD BULK DEVICES 🛛 🛓 IMF	PORT 🥑 JOBS		
0		S.N.	Name	Addresses	Device Groups	Log Collection Policies
Ø		1	214-000	10.00.001		stormshield
ø		2	And and a second	10.01		stormshield
٩		3	localhost	127.0.0.1,::1	linux	
E						
\$						

- 2. Enter the Name of the device.
- 3. In the **IP address(es)** field, enter he IP addresses of each machine that hosts an SES Agent handler that communicates with SLS.
- 4. In the Log Collection Policy field, select stormshield.
- 5. Choose the correct **Time Zone**.
- 6. Click Submit.

CREATE DEVICE		8 8
DEVICE INFORMATION -		
Name:	Alpha	
Device Address(es):	The second secon	
Device Groups:		
Log Collection Policy:	stormshield 🔀	
Distributed Collector:		
Time Zone:	(GMT+01:00) Brussels, Copenhagen, Madrid, Paris	T
RISK VALUES		
Confidentiality:	Minimal	Ŧ
Integrity:	Minimal	Ŧ
Availability:	Minimal	T
	Submit	Cancel







Configuring logs retrieval

You can choose to either get the logs from SES Agent handlers through **standard Syslog** or more securely through **Syslog-TLS**.

Getting the logs through standard Syslog

Configuring a TCP or UDP connection on the Agent handler

- 1. On the SES Evolution administration console, go to the **Agent handlers** menu and click the + icon.
- 2. Enter the Name of the Agent handler group.
- 3. In the Address field, enter the IP address of the SLS instance.
- 4. Select the appropriate Protocol (TCP or UDP).
- 5. Enter the **Port** number. The default listening port is *514*. You can retrieve the Syslog listening port by using the "change-syslog-port" command on a VM console. Note that using this command toggles the port between *514* and *601*. Use it again if necessary.
- 6. In the **Transfer type** field, choose Non-Transparent-Framing.
- 7. In the Message content field, choose Raw JSON.
- 8. Click Save in the upper banner.

Agent handlers > New gr	oup (SLS-AHANI	DLERSES)				
+ Add	Ag	ent handler g	roup settings				
New group (SLS-AHANDLERSES) SLS-AHANDLERSES	Name New group (SLS-AHANDLERSES)						
	Syslog servers						
		+ Add a serv					
		Enabled	Description				
		Address	1041040-000		Message content	Raw JSON	\sim
		Protocol	ТСР	\sim	Message language	English	\sim
		Port	514		Maximum message size		
		Transfer type	Non-Transparent-Framing	\sim	Minimum log severity	Warning	\sim

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Getting the logs through Syslog-TLS

Generating and importing the Certificate Identity on SLS

- 1. On the host system used to generate certificates, generate a PEM X.509 certificate.
- 2. On SLS, go to 🕸 Settings >> System Settings >> System Settings.



3. On the Syslog tab, import the Certificate (.crt file) and the Key (.key file).

4. Save.

SYSTEM SETTINGS				00
General	•	TLS		
SMTP	•	Certificate:		Browse
NTP	•	Key:		Browse
SNMP	•			
HTTPS	•	SLS Certificates ha	ave already been installed	
Syslog	Þ	SEQUENCE NUMB	ERING	
Support Connection	►	Add sequence	numbers on log received from syslog collector	
Modes of Operation	•	COLLECTOR		
SSH Key Pair for li-admin	•	Message Length:	12	
Lockout Policy	•			1KB / 64KB
Enrichment	•			
Data Privacy Module	•		Save	Cancel





Importing the Root Certificate Authority

On each machine that hosts an SES Agent handler that communicates with SLS, install the root certificate in the Trusted root certification authorities or Third-party root certificate authorities certificate store.

Configuring a TCP/TLS connection on the Agent handler

- 1. On the SES Evolution administration console, go to the **Agent handlers** menu and click the + icon.
- 2. Enter the Name of the agent handler group.
- 3. In the Address field, enter the IP address of the SLS instance.
- 4. Select the *TCP/TLS* **Protocol**.
- 5. Enter the **Port** *6514*.
- 6. In the Transfer type field, choose Non-Transparent-Framing.
- 7. In the Message content field, choose Raw JSON.
- 8. Click Save in the upper banner.

Agent handlers > New gro	oup (SLS-AH	IANDLERSES)			
+ Add	Agent hand	ller group settings			
SLS-AHANDLERSES	Name N	lew group (SLS-AHANDLERSES)			
Syslog servers					
	💽 Ena	abled Description	-		
	Address	104104100	Message content	Raw JSON	\sim
	Protocol	TCP/TLS Y	Message language	English	\sim
		Reminder: The root certification authority and intermediate	Maximum message size		
		certification authorities of the Syslog Server must be imported in the certificate store of each agent handler computer.	Minimum log severity	Warning	, ~
	Port	6514			
	Transfer	type Non-Transparent-Framing V			





Getting logs from external sources

Downloading the external sources archive on MyStormshield

- 1. Download the "Applications SLS External Sources" archive from your MyStormshield personal area in Downloads > Downloads > Stormshield Log Supervisor > Resources.
- 2. Extract the content of the archive.
- 3. Find the application file .pak you want.

Adding an external source application on SLS

1. On SLS, go to 🕸 Settings >> System Settings >> Applications and click Import.

(Z)	← BACK SLS Applications					
0	La Import 🕐 Jobs			search	0	
0	S.N.	Name	Description	Version	Actions	
Ø	1	ThreatIntelligence	This package contains Threat Intelligence Enrichment Source, Threat Intel Analytics, and Threat Intelligence process command.	6.1.2	İ	
Q	2	GEOIP	This package contains GEOIP EnrichmentSource and GEOIP Process Plugin.	5.2.0	Î	
٩	3	JSONParser	This package contains JSONParser process commands	5.0.2	î	
Đ	4	MitreDatasetUpdater	This application contains the Mitre Dataset Updater plugin.	6.2.0	î	
愈	5	StringConcat	This package contains String Concat process plugin	1.0.1	î 🕄	
	6	CSVEnrichmentSou	This package contains pluggable CSVEnrichmentSource.	5.2.1	ê	

2. Browse to the application .pak file and click Upload.

IMPORT NEW APPLICAT	8		
Application:	Select a File to import		Browse
		Upload	Cancel







Additional information and answers to questions you may have about SLS are available in the **Stormshield knowledge base** (authentication required).







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