

Anleitung So migrieren Sie die Konfiguration von Sophos SG auf XG Firewall

Der Sophos Migrations-Assistent hilft Ihnen dabei, die Konfiguration Ihrer SG Firewall auf eine XG Firewall zu übernehmen. Der Inhalt dieser Anleitung führt Sie parallel Schritt für Schritt durch die Migration und gibt begleitende Hinweise.

<u>Bitte beachten Sie:</u> Es können nicht alle Konfigurationspunkte identisch übernommen werden. Diese werden nochmals gesondert vor der finalen Migration im Migrations-Assistent angezeigt.

Hardware-Empfehlung und Vorbereitung

Hardware: Mind. Dual-Core, 1GB RAM, 32GB HDD

Download des Migrations-Assistenten: <u>https://partnerportal.sophos.com/lp/sophos-migration-assistant.aspx</u> Hier kommt es zur Partner Login-Aufforderung. Sollten Sie auf die Landingpage umgeleitet werden, bitte den Link erneut benutzen.

Schritt-für-Schritt-Anleitung Migrations-Assistent SG -> XG

 Anmeldung über <u>https://172.16.16.16</u> ohne Port (IP-Adresse alternativ über die Konsole anpassbar) Login: admin Passwort: admin





2. End User License Agreement akzeptieren.

End User License Agreement Use of the Sophos UTM Migration Assistant is subject to the Sophos <u>End User License Agreement</u> . You must tick the checkbox below if you want to proceed. I agree to the Sophos End User License Agreement	Ne	xt

3. Hier finden Sie eine Übersicht, was genau alles portiert werden kann bzw. wird.

⇔ Sophos Migr	ration Assistant Preview		Overview	Help	admin 🔻
Welcome to Sophos UT	M Migration Assistant				
The Sophos UTM Migration Ass	istant is a tool designed to help Sophos Part	ners and Customers to			
 Migrate Sophos UTM con model 	figurations to XG Firewall compatible configur	ration for respective UTM			
Manage migration history	y and settings				
Read the UTM migration guide b gets migrated, what does not ge	before you proceed to know Best Practices, pr et migrated and behavior.	epare for migration, what			
Supported UTM firmware versi	ons				
9.4, 9.4 MR, 9.5, 9.5 MR					
What configuration gets migra	ted?				
Your UTM configuration can incl	lude:				
CATEGORY	SUB-CATEGORY	WHAT'S MIGRATED			
Management	System Settings	Hostname, Time and Date			
	WebAdmin Settings	Globel, Access Control, Advanced,			
	Backup/Restore	Automatic Backups			
	Notifications	Global, Advanced			
	SNMP	Traps			
Definitions & Users	Network Definitions	Network Definitions, MAC Address Definitions			
	Service Definitions	Service Definition			

4. Jetzt können Sie die Migration mit "Start New Migration" starten.

Sophos Migration Assistant	Preview		0	verview	Help admin 🕶
Start New Migration			Show: Pending only All	Search	٩
Session Name / Migration Start Date No Records Found.	UTM Version	Description	Last Modified / Last Backup Created		Manage



5. Session Name = Name der Migration (für Sie als Unterstützung)
 Description = Details zu Ihrer Migration
 Configuration File = Hier bitte die UTM/SG-Migrationsdatei auswählen (Export ab Punkt 6)
 Password ... = Passwort der UTM/SG-Migrationsdatei eingeben

Sophos Migration Assistant Preview			Overview	Help admin 🔻
Upload UTM Configuration File Supported Version UTM 9.4 onwards	Upload UTM Configuration File	2 Perform Automatic Migration	3 Handle Exceptions	Download Migrated file
Session Name * admin Enter a unique name to identify the Migration Session.	Configuration File * Durchsuchen Keine Datei au	usgewählt.		
Description	Password required only for encrypted	l configuration file		
Duscription			Canc	el Next

6. Export der UTM/SG-Migrationsdatei: In der UTM einloggen und aus dem Management-Reiter den Eintrag "Backup/Restore" auswählen. Dann unter "Create Backup Now" das Backup anstoßen.
Wichtig: Es darf kein Haken bei Unique... und Administrative... gesetzt sein.

SOPHOS	UTM 9 💄 admin 📴 🕜 C 🔅
₽ search	Backup/Restore
Dashboard	Backup/Restore O Automatic B
Management	Available backups Date/Time of creation Version Creator
System Settings WebAdmin Settings	No backups available
Up2Date Backup/Restore	Create Backup
User Portal Notifications Customization SNMP Central Management Sophos Mobile Control	Comment (optional): Creating a backup will take a snapshot of the current configuration and add it to the list of available backups above. You can specify an optional comment when creating a backup. While creating the backup, remove the following data: an optional comment when creating a backup. Unique site data (license, passwords, certificates/keys, endpoints) additional comment when creating a backup.
High Availability Shutdown/Restart	G Create Backup Now
Definitions & Users	
nterfaces & Routing	Import Backup
Vetwork Services	Lipload an avisting backup file. This will not instantly restore the
Network Protection	Backup file: backup ine. This will not instantity restore the backup, it will just be added to the list above.
Web Protection	Password:
Email Protection	C Import Backup
Advanced Protection	

7. Das Backup ist nun sichtbar und kann mit dem blauen Symbol (Pfeil Abwärts) heruntergeladen werden.

🔎 search	Backup/Restore		
Dashboard	Backup/Restore	Ø Automatic B	
Management	Available backups	Date/Time of creation	Version Creator
WebAdmin Settings	🗆 🛃 G 🗙 🖂	2019-02-07 11:14	9.510-5 🔔 admin
Licensing		(resetting host data to	the defaults)



8. Zurück in die Migrationsoberfläche und die Konfigurationsdatei auswählen und laden. Danach einfach unten rechts auf "Next" klicken.

Sophos Migration Assistant Preview			Overview	Help	admin 🕶
Upload UTM Configuration File Supported Version UTM 9.4 onwards	Upload UTM Configuration File	2 Perform Automatic Migration	3 Handle Exceptions		Download Migrated file
Session Name * SG105_NJE Enter a unique name to identify the Migration Session.	Configuration File * Durchsuchen nje-techtrain_9.51000	05_2019-02-07_11-14.abf			
Description Konfigübernahme SG105 NJE	Password required only for encrypted configure	ation file			
			С	ancel	Next

9. Der Migrationsvorgang beginnt (Vorgang kann zwischen 2 und 7 Minuten dauern)

Sophos Migration Assistant Preview			Overview	Help admin -
Session Name SG105_NJE	Upload UTM Configuration File	Perform Automatic Migration	3 Handle Exceptions	Download Migrated file
60% migrated				
Automat	ic migration រុទ្	progress		
If you leave this page, the migrati	ion will still continue in the back	ground. Return back to mi	gration list	

10. Der Vorgang ist beendet. Aber es wurde ein Fehler entdeckt und angezeigt.

Sophos Migration Assistant Preview			Overview	Help admin -
Session Name SG105_NJE	Upload UTM Configuration File	Perform Automatic Migration	3 Handle Exceptions	Download Migrated file
Almost Done! 1 Exceptions left				
The system was able to auto-migrate most of the configuration automatically, however it was not able to convert some items automatically. There are l Exceptions left .				
You can either accept the recommendations or resolve the exceptions. Please work through the list of exceptions on the migration assistant.				
Continue with Exception Handling				



11. Sie können unter "Continue with Exception Handling" den Fehler einsehen und anpassen.

Sophos Migration Assistant Preview		Preview XG Configuration Ov	erview Help admin -
Session Name SG105_NJE	Upload UTM Perform Configuration Automat File Migratio	Handle A Exceptions	4 Download Migrated file
Unsolved Exceptions			View Logs
XG Entity	UTM Entity		Action
IPsec "L2TP_over_IPsec" (Configure > VPN > IPsec Profiles)	IPsec Policy "L2TP-over-IPsec" (Site-to-site VPN > IPsec > Polices)		Resolve
Reason: I XG field Name: Phase2 Authentication Algorithm Fror - Configured value is not among allowed values. Allowed values: "md5.sha1.sha2_256.s XG Value: N/A	ha2_384,sha2_512 UTM Value: sha2_256_96		

12. In diesem Fall muss man z. B. die "Phase2" umstellen.

Sophos Migration A	Assistant Preview	Overview Help admin -
VPN General Settings		Session Name Stills, NJF XG Entity XG Entity
Name * Description	L2TP_over_IPsed Policy used for L2TP-over-IPsec	Configure 3 YTM 2 Have 1 Pace 1 Police UIN Faity Place Policy 12TP_aver (Pace (Site-to-site VPN a) Pace 3 Polices) Pesson: 2 1X6 (rick Nome Phase 2 Authentication Apportun Entry Configured value is not among allowed Entry Configured value i
Allow Re-keying Key Negotiation Tries *	Enable Set 0 for unlimited number of negotiation tries	1035341,1042_256,sha2_384,sha2_512 MG Value N/A UTN Value: sha2_256_86
Authentication Mode * Pass Data in Compressed Format	Main Mode Aggressive Mode Enable	
Algorithm *	Encryption * Authentication * AES128 SHA2 256 V	0
DH Group (Key Group) *	🗋 1 (DH768) 📋 2 (DH1024) 📑 5 (DH1536) 🗹 14 (DH2048) 📋 15 (DH3072) [] 16 (DH4096)
Key Life *	28800 Seconds	

13. Die Migration ist abgeschlossen und die Konfigurationsdatei für die XG Firewall kann heruntergeladen werden.

Sophos Migration Assistant Preview		Preview XG	G Configuration Overview	Help admin •
Session Name SG105_NJE	Upload UTM Configuration File	Perform Automatic Migration	Handle Exceptions	Download Migrated file
Congratulations Your configuration is successfully migrated.				
Download the converted SFOS configuration file and migration logs. You can import the migrated backup file into your SFOS device.				
Download Migrated Config Download Logs Save & Exit				



14. Im Haupt-/Startmenü können Sie jederzeit eine neue Migration anstoßen und die bereits getätigten einsehen und herunterladen.

⊖ Sophos Migration Ass	istant Preview		Overview Help	admin 👻
Start New Migration			Show: Pending only All Search	٩
Session Name / Migration Start Date	UTM Version	Description	Last Modified / Last Backup Created	Manage
SG105_NJE Wed. February 06, 2019 - 18:53:54	9.510005	Konfigübernahme SG105 NJE	Wed. February 06, 2019 - 18:58:36 Wed. February 06, 2019 - 18:59:14	

15. Einspielen der Konf.-Datei im XG Menü: Jetzt das Dashboard der XG Firewall aufrufen und unter dem Reiter "Backup & Firmware" das Backup (unterhalb "Backup Restore") auswählen und hochladen bzw. einspielen.

SOPHOS 🕀 XG Firewall	Backup & firmware			🖬 How-to gu	iides Log viewer Help admin ▼ Infinigate	
MONITOR & AMALYZE Control center Current activities Reports Diagnostics	Backup & restore	ΑΡΙ	Import export	Firmware	Pattern updates	
Firewall Intrusion prevention Web Applications Wireless Email Web server Advanced threat Central Synchronization CONFIDURE VPN Network Routing Authentication	Backup mode Backup prefix Email address * Frequency Schedule Apply Backup now	C Local FTP Email upgeinfinigate de Quarantine digest will be sent to the first email address only. Never Daily Weekly Monthly Sunday HH DO MM				
System services System services Hosts and services Administration Backup & firmware Certificates	Backup restore Restore configuration Upload and restore	Durchsuchen Keine	Datel ausgewählt.			

16. Die vorhandene Konfiguration wird logischerweise ersetzt. XG startet danach automatisch neu. Der Vorgang ist somit abgeschlossen und die Konfiguration sollte übernommen worden sein.

SOPHOS 🕀 XG Firewall	Backup & firmware						
MONTOR & ANALYZE Control center Current activities Reports	Backup & restore	API	Import export	Firmware	Pattern updates		
Diagnostics	Backup						
PROTECT Firewall Intrusion prevention Web Applications Wireless Email Web server Advanced threat Central Synchronization Contral Synchronization Contral Synchronization VPN Network Routing Authentication	Backup mode Backup prefix Email address * Frequency Schedule Apply Backup now	Local OFTP nje@infinigate.de Restoring this backup will o device. This may also result address. Are you sure you w	Email Quere Quere Quere Quere Quere consection due to restore in loss of connection due to restore into restore this backup? OK Cancel	antine digest will be sent to the first email and will restart your ation of the original IP	address only.		
NATEM Profiles Hosts and services Administration Backup & firmware Certificates	Backup restore Restore configuration Upload and restore	Durchsuchen device	backup				

