

Sophos XG 125 Firewall arayüzüne gidiyorum ve login oluyorum. Karşıma gelen arayüzden **"System services"** sekmesinden **"Traffic shaping"** modülünü açıyorum. Yeni bir kural belirlemek için **"Add"** butonuna tıklıyorum.

SOPHOS Firewall

MONITOR & ANALYZE

- Control center
- Current activities
- Reports
- Zero-day protection
- Diagnostics

PROTECT

- Rules and policies
- Intrusion prevention
- Web
- Applications
- Wireless
- Email
- Web server
- Advanced protection

CONFIGURE

- VPN
- Network
- Routing
- Authentication
- System services**

SYSTEM

- Sophos Central
- Profiles
- Hosts and services
- Administration
- Backup & firmware
- Certificates

System services

Feedback How-to guides Log viewer Help admin

High availability Traffic shaping settings RED Malware protection Log settings Notification list Data anonymization **Traffic shaping** Services

Add Delete

<input type="checkbox"/>	Name	Restriction type	Up/down bandwidth (min/max KB/s)	Upload bandwidth (min/max KB/s)	Download bandwidth (min/max KB/s)	Manage
<input type="checkbox"/>	Extremely Limited Rule	Rule-based individual	2/128	-	-	
<input type="checkbox"/>	Extremely Limited User	User-based individual	2/32	-	-	
<input type="checkbox"/>	High Guarantee Rule	Rule-based individual	2048/8192	-	-	
<input type="checkbox"/>	High Guarantee User	User-based individual	512/2048	-	-	
<input type="checkbox"/>	Lightly Limited Rule	Rule-based individual	2/2048	-	-	
<input type="checkbox"/>	Lightly Limited User	User-based individual	2/512	-	-	
<input type="checkbox"/>	Low Guarantee Rule	Rule-based individual	128/512	-	-	
<input type="checkbox"/>	Low Guarantee User	User-based individual	32/128	-	-	
<input type="checkbox"/>	Moderate Guarantee Rule	Rule-based individual	512/2048	-	-	
<input type="checkbox"/>	Moderate Guarantee User	User-based individual	128/512	-	-	
<input type="checkbox"/>	Moderate Limited Rule	Rule-based individual	2/512	-	-	
<input type="checkbox"/>	Moderate Limited User	User-based individual	2/128	-	-	
<input type="checkbox"/>	Streaming Video - Guarantee Full HD Quality	Application-based individual	-	290/2560000	2900/2560000	
<input type="checkbox"/>	Streaming Video - Guarantee HD Quality	Application-based individual	-	180/2560000	1800/2560000	
<input type="checkbox"/>	Streaming Video - Guarantee SD Quality	Application-based individual	-	70/2560000	700/2560000	
<input type="checkbox"/>	Streaming Video - Limit to Full HD Quality	Application-based individual	-	2/290	2/2900	
<input type="checkbox"/>	Streaming Video - Limit to HD Quality	Application-based individual	-	2/180	2/1800	
<input type="checkbox"/>	Streaming Video - Limit to SD Quality	Application-based individual	-	2/70	2/700	
<input type="checkbox"/>	VoIP Guarantee	Rule-based individual	50/2560000	-	-	

Karşıma gelen ekrandan

Name: kendime uygun bir isim belirliyorum.

Policy association : Ben bir grup veya kullanıcıya bu kuralı uygulayacağım için “Users” seçiyorum.

Rule Type: Kullanıcılarımız İnternet hız kotası koayacağım için “Limit” seçeneğini seçiyorum.

Limit: bu kısımda kullanıcılarımın nete maksimum 8mbit hız ile çıkmasını istediğim için “1024” değerini giriyorum. Hesaplamada kullandığım formül $8192/8=1024$

Save ile işlemimi tamamliyorum.

System services

Feedback How-to guides Log viewer Help admin

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Add traffic shaping (QoS) policy

Name * Streaming_Media_shaping

Policy association ☒ Users ☐ Rules ☐ Web categories ☐ Applications

Rule type ☒ Limit ☐ Guarantee

Limit upload/download separately ☒ Disable ☐ Enable

Priority * 1 - [Business Critical]

Limit * 1024 KB/s (2 - 2560000)

Bandwidth usage type ☒ Individual ☐ Shared

Description

Add schedule-wise traffic shaping policy details to override default traffic shaping policy details

☐ Schedule Rule type Up/down bandwidth
[min/max KB/s] Upload bandwidth
[min/max KB/s] Download bandwidth
[min/max KB/s] Manage

No records found

Save Cancel

Sonraki adımda oluşturmuş olduğum kuralımı, yine daha önce Firewall da oluşturmuş olduğum gruba atayacağım. Bu nedenle **“Authentication”** sekmesinden ilgili kullanıcı grubuna gelip düzenlemek için kalem işareti tıklıyorum.

The screenshot shows the 'Authentication' page in the Sophos Firewall management interface. The left sidebar contains navigation options under 'MONITOR & ANALYZE', 'PROTECT', 'CONFIGURE', and 'SYSTEM'. The 'Authentication' tab is selected. The main area displays a table of user groups with columns for 'Group name', 'Traffic shaping', and 'Surfing quota'. The group 'YONETIM_GRP(C)' is highlighted with a red box, and a red arrow points to the edit icon (pencil) in the 'Manage' column.

Group name	Traffic shaping	Surfing quota	Manage
Open Group	No policy	Unlimited Internet Access	
Clientless Open Group(C)	No policy	No policy	
Guest Group	No policy	Unlimited Internet Access	
STANDART_USER(C)	No policy	No policy	
YOUTUBE_OPEN_GRP(C)	No policy	No policy	
YONETIM_GRP(C)	No policy	No policy	
SSL_USERS	No policy	Unlimited Internet Access	
ETICARET_OPEN_GROU	No policy	No policy	

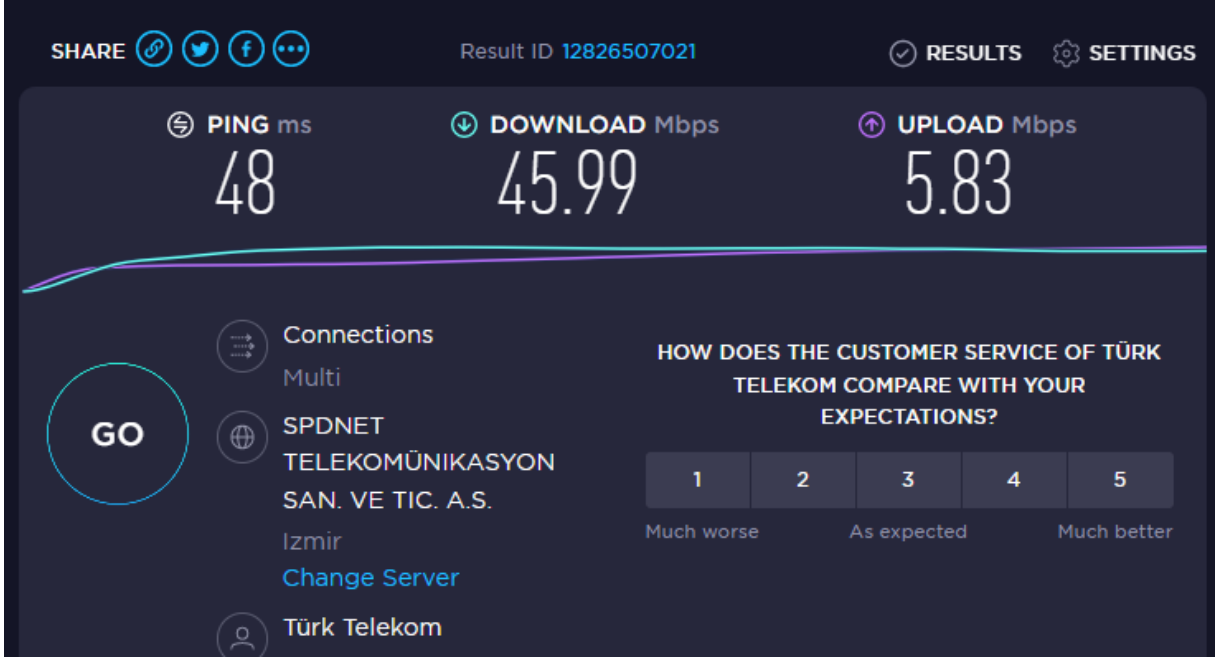
Karşıma gelen ekrandan “Traffic Shaping” sekmesinden oluşturmuş olduğum kuralı seçip “Save” ile işlemimi tamamlıyorum.

The screenshot shows the 'Authentication' page in the Sophos Firewall management interface, specifically the 'Traffic Shaping' configuration for the 'YONETIM_GRP' group. The 'Traffic shaping' dropdown is highlighted with a red box, and a red arrow points to the 'Save' button at the bottom.

Group name: YONETIM_GRP
Description:
Group type: Clientless
Policies:
Surfing quota: Unlimited
Access time: Unlimited
Network traffic: Not applicable
Traffic shaping: Streaming_Media_shaping
SSL VPN policy: Not applicable
Clientless SSL VPN policy: Not applicable
Other settings: ☒ Enable ☐ Disable
Quarantine digest: ☒ Enable ☐ Disable

Save Add member(s) Show group members Cancel

Kuralı uygulamadan önceki internet çıkış hızımız aşağıdaki gibiydi.



Kuralımızı ilgili kullanıcılara uyguladıktan sonra kullanıcılarımızın yine kendilerine uygulanan policy üzerinden internete çıkış hızı 8 mbit olarak sınırlandırıldı.

