

Sophos Email Gateway Comparison

- UTM 9.5 [SG]
- SF-OS v16.5 [XG]
- Email Appliance 4.2 [SEA]
- Sophos Email on Central 06/17 [Sophos Email]

License Model

		SG	XG	SEA	Sophos Email
Hardware Appliance	Licensing Basis	Hardware	Hardware	# Users	
	Total Cost	Hardware + Email subscription + optional Premium Support	Hardware + Email subscription + optional Enhanced Plus Support	Hardware + Sophos Email Protection Subscription [# users] + optional Enhanced Plus Support	
Virtual Appliance	Licensing Basis	Per virtual appliance licensed on # users [IP addresses]	Per virtual appliance licensed on vCPU-Cores/RAM	Up to 10 virtual appliances included, # users	
	Total Cost	Price per #IP Addresses or mailboxes [whichever is higher] + Email Subscription + optional Premium Support	Software Base License + Email Subscription + optional Enhanced Plus Support	Sophos Email Protection subscription [# users] + optional Enhanced Plus Support	
Hosted	Licensing Basis	Bring your own license			# Users
Software	Licensing Basis				

Technical Comparison

		SG	XG	SEA	Sophos Email
Protocols	SMTP/S	✓	✓	✓	✓
	POP3	✓	✓		
	IMAP		✓		
Threat Protection	Malware Scanning [# engines]	2	2	1	1
	Unscannable Attachment Handling	✓	✓	✓	
	Encrypted Attachment handling	✓	✓	✓	
	Attachments Stripping [True File Type]	✓	✓	✓	
	DKIM	✓		✓	
	SPF	✓		✓	Q3 2017
	Sandstorm	✓	✓	✓	Q4 2017
	Sandstorm select datacenter	✓	✓		
	Time of Click Protection			✓	Q1 2018
Anti-Spam	Delay Queue [Snowshoe spam protection]			✓	Q3 2017
	Sender Genotype Reputation	✓	✓	✓	✓
	Live Anti-Spam [SXL]	✓	✓	✓	✓
	IP Reputation Filter	✓	✓	✓	✓
	Greylisting	✓	Q4 2017		
	Block / Allow list	✓	✓ [Admin only]	✓	✓
	RDNS	✓		✓	✓
	BATV	✓		✓	
	Recipient Validation	✓	Q4 2017	✓	✓
	Reject-Before-Accept SMTP	✓			✓
	Quarantine/Report	✓	✓	✓	✓
	Quarantine/Portal	✓	✓	✓	✓
	Add Header	✓		✓	
Add Subject	✓	✓	✓	✓ [Spoofed Messages]	
Harvesting Protection	✓	✓	✓	✓	

Technical Comparison

		SG	XG	SEA	Sophos Email
Content Filter	Sophos Content Control Lists CCL	✓	✓	✓	
	Text Filter/Regex	✓		Q3 2017 [Subject, body, to/from, file attachment content]	
	Offensive Language Filter			✓	
	Bulk Mail Filter			✓	
	Header Check	✓	✓	✓	✓
	Source IP Check	✓	✓	✓	
	ActiveContent	✓	✓	✓	✓
	Total Email Size	✓	✓	✓	
	Attachment Size	✓	✓		
	Country/GeoIP	✓			
	Per Group		✓		
Per Domain	✓	✓	✓		
Policy Actions	Outbound Scanning	✓	✓	✓	Q3 2017
	Add Footer	✓		✓	
	Continue Next Rule			✓	
	Deliver After This Rule			✓	
	Discard		✓	✓	✓
	Move to Quarantine	✓	✓	✓	✓
	Copy to Quarantine and Deliver			✓	
	Re-Route Message to Other Server			✓	
	Re-Route to Different Recipient			✓	
	Copy to Different Server			✓	
	Tag and Deliver	✓	✓ (Spam only)	✓	
Integration	HA	✓	✓	✓	✓
	Active Directory Sync	✓	✓	✓	✓
	Azure Active Directory Sync				✓
	Lotus Domino			✓	
	Lotus Domino [Groups by OU]			✓	
	Novell eDirectory	✓	✓	✓	
	OpenLDAP	✓	✓	✓	
	Sun JSMS			✓	
	SNMP	✓	✓	✓	
	Syslog	✓	✓	✓	
	Sophos Managed Appliance			✓	
Hardware Monitoring			✓		
Quarantine-Backup			✓		

Technical Comparison

		SG	XG	SEA	Sophos Email
Others	TLS	✓	✓	✓	✓
	SPX	✓	✓	✓	
	S/MIME Encyption	✓			
	PGP Encryption	✓			
	Smarthost Routing	✓	Q4 2017	✓	✓
	Domain Based Routing	✓	✓	✓	✓
	Address Based Routing	✓	✓		
	End to End Message Forensics			✓	
	Reporting	✓	✓	✓	✓
	Emergency Inbox (Read)				✓
	Header Filtering			✓	
	Address Rewrite		✓	✓	
	Domain Rewrite			✓	

Examples

Case 1

Business with 100 employees – one location. An older UTM of a competitor is in place and cannot handle the eSecurity load. Additionally the customer is asking for a better protection against crypto trojans.

Recommendation: Sophos Email Appliance or Sophos UTM Email with Sandstorm subscription depending on some key features requested.

Case 2

Business with 400 employees and 3 locations with local breakouts. Sophos UTM is already in place, but only web security is currently enabled. The customer asks for email security and protection against crypto trojans.

Recommendation: SG 330 for 400 user's incl. Sandstorm plus a SG230 appliance on each location with less than 100 users.

Case 3

Business with 4000 employees, 3 locations with Gigabit MPLS/WAN connection between the sub locations, one central breakout. Customer currently uses IronPort and asks for better protection against current threats.

Recommendation: 2 x ES5000 and Sophos Mail Protection Advanced for 4000 users in the central location and a Sandstorm subscription.

Case 4

Customers using Microsoft Exchange Online, Office 365, G Suite for Google Cloud or other hosted email services and need additional protection plus business continuity.

Recommendation: Sophos Email on Central.

General Recommendations

	SG	XG	SEA	Sophos Email
UTM of a Competitor in Place	Hardware UTM	Hardware XG		
Dedicated Firewall / Email / Web Gateways in Place			Hardware or Virtual Email Appliance[s]	
Multiple locations with Local Firewalls/Breakouts				
Protection Against Current Threats with Sandstorm	Hardware or Virtual UTM	Hardware, Virtual or Software XG		
Exchange-Online / Office 365 Customer				✓
Multi Tenancy				

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