Set IBE encryption in FortiMail 5.2.x from scratch.

1. Go to Encryption -> IBE

You can use all the default settings here, only enable the IBE service, and set the base URL or IP address starting with HTTPS. Click "Apply" when finished.

Monitor	IBE Encryption	
Monitor Maintenance System Encryption IBE SAMME Mail Settings User Policy Profile	Enable IBE service IBE service name: Encryption User registration expiry time (days): 30 User inactivity expiry time (days): 90 Encrypted email storage expiry time (days): 180 Password reset expiry time (days): 24 Allow secure replying Allow secure forwarding Allow secure composing	
AntiSpam Email Archiving Log and Report	IBE base URL: https://172.31.16.63 "Heby" content URL: "About" content URL: Allow custom user control Notification Settings Send notification to sender when message is read [Edit]	
	Send Hourizator to Sender Wriel Intessaye is leas I <u>Extinuit</u> Send Hourizator II Intessaye enames unread for 14 day(s) Notification to sender IEditu] Notification to receivent IEditu] Appy Cancel	

 Go To Profile -> Content Click the "New..." button to create a profile

Monitor	Content Action	
Maintenance	New 🖓 Clone 📽 Edit 🛎 Delete	
System	C 4 4 Page 1 / 1 > > Records per page: 50 V Domain: -System-	~
Encryption	Profile Name	Domain Na
	CF_Inbound	System
Mail Settings	CF_Outbound	System
User	content_basic_predefined	System
0361	content_out_basic_predefined	System
Policy	content_softer	System
Profile		
Session		
AntiSpam		
AntiVirus		
Content		
Authentication		

3. Set the domain to "--System--", type a name for the new profile and set the direction. Click the "New..." button next to the "Action:" box to create new Action Profile

FortiMail	VM
Monitor	Content Action
Maintenance	Content Profile
System	Domain: -System-
Encryption	Profile name: Encrypt_IBE
Mail Settings	Action: -None-
User	- Attachment Filtering
Policy	
Profile	- File Type Filtering
Session AntiSpam	- Tother Setting
AntiVirus Content	- Scan Conditions
Authentication	- Content Monitor and Filtering
LDAP	
Dictionary	Create Cancel
Security	

4. Enable the option "Encrypt with profile:", select encryption profile from the list or click "New...":

		Content Action Pro	file		
Domain:	System				
Profile name:					
Direction	Outgoing	~			
📃 Tag email	's subject line			With value:	
🗐 Insert nev	w header			With value:	
Deliver to	alternate host				
BCC					
Archive to	account	None	~	New	Edit
🔲 Notify wit	h profile	None	*	New	Edit
Treat as s	pam				
🔲 Reject					
Discard					
Replace					
Personal o	quarantine				
System qu	uarantine				
Rewrit	e recipient email address		6		
	th profile	None	- (~	New	Edit
Encrypt w					

5. Set the the new profile and click "Create". For example:

FortiMail		
	Encryption Pro	file
Profile name:	IBE_Push	
Protocol:	IBE	~
Access method:	Push	*
Maximum size (KB) for Push method:	1024	
Encryption algorithm:	Triple DES	*
Action:	Encrypt	*
Action on failure:	Drop and send DSN	~
Create		

6. Check the settings in the "Content Action Profile", select a profile name, and click "Create"

FortiMail	~					
		C	ontent Action I	Profile		
Domain:	-System-					
Profile name:	Action_Encrypt_IBE)				
Direction	Outgoing		~			
📃 Tag emai	l's subject line				With value:	
🔲 Insert ne	w header				With value:	
Deliver to	alternate host					
BCC						
Archive to	o account	None		~	New	Edit.
Notify wit	th profile	None		*	New	Edit.
Treat as	spam					
🔲 Reject						
Discard						
Replace						
Personal e	quarantine					
System q	uarantine					
📄 🕨 Rewri	te recipient email addre	ss				
Engrypt v	vith profile	IBE_Push		×	New	Edit.
\sim						-
Create	Cancel					

7. You will return to the Content Profile.

Click the arrow next to Content Monitor and Filtering to expand the submenu and click "New..."

user	- 💌 Attachment Filtering
Policy	
Profile	− ▼ File Type Filtering
Session	- V Other Setting
AntiSpam	
AntiVirus	- Scan Conditions
Content	
Authentication	Content Monitor and Filtering
LDAP	
Dictionary	Kew Edit Move ▼ Delete
Security	Enable Dictionary Group Dictionary Profile Minimum Score Action
IP Pool	
Group	

8. Now you need to create a new dictionary profile

Click "New ... " next to the "Dictionary:" boxes

		Content	Monitor Profile	
Enable	\checkmark			\bigcap
Dictionary:	Profile	~	None	 New Edit
Minimum scor	e: 1			
Actions:	None	*	New Edit	
- 📥 Scan Co	ondition			
Scan PD	F content			
Scan MS	Office content			
	hive content			

9. Click "New ... "

8	US SSN	1	1	9	Search header; Search body
8	Credit Card	1	1	0	Search header; Search body
-	ADA D	*	×	<i>~</i>	A
Dictionary					
Dictionary					
	. 🍄 Edit 🏛 Delete	Туре	Weight	Maximum Weight Er	iable Maximum W Scan Area
🛋 New	. 🍄 Edit 🏛 Delete		Weight	Maximum Weight Er	iable Maximum W Scan Area
🛋 New	. 🍄 Edit 🏛 Delete		Weight	Maximum Weight En	able Maximum W Scan Area

10. Type the pattern you want to use as a keyword and click "Create"

FortiMail	
Enable	
	CONFIDENTIAL
Pattern:	
Pattern type:	Regex
Comments:	
Pattern weight:	1
Pattern maximum weight:	1
 Enable pattern maximum Search header 	n weight limit
Search ody Create Cancel	

If you need to create more than one keyword to activate the encryption, repeat 9) and 10)
 Select name for the dictionary profile and click "Create"

4ail ctionary I	Profile					
me:	Encryption_Key_Word					
	End/poon_nd/_rron					
Smart Io	dentifiers					
Edit						
able	Туре	Weight	Maximum	Weight Enable Maximu	m Weight Scan Area	
	Canadian SIN	1	1		Search header; Search body	-
	US SSN	1	1	0	Search header; Search body	Ξ
	Credit Card	1	1	0	Search header; Search body	
	D D#			~	o	•
Enable Ø	CONFIDENTIAL:	Type Regex	Weight 1	Maximum Weight Enat	le Maximum W Scan Area Search header; Sea	
0	CONFIDENTIAL:	Regex	1	1 😵	Search header; Sea	
			-			
			Create	Cancel		
			Geate	Cancer		

13. Select the previously created action and click "Create"

FortiMail			
	Cont	en	t Monitor Profile
Enable			
Dictionary:	Profile	*	Encryption_Key_Words Y New Edit
Minimum score:	1		
Actions:	Action_Encrypt_IBE	~	New Edit
Scan Con	dition		
Scan PDF	content		
Scan MSO	ffice content		
📃 Scan archi	ve content		
<u> </u>			
Create	ancel		

14. Now we are back to the Content Profile.

Check the settings and click "Create"

Monitor	Content	Action								
Maintenance		Content Profile								
System	Domain:	triton.bg			~					
Encryption	Profile name	Profile Encrypt	IBE							
	Direction:	Incoming			~					
Mail Settings	Action:	Action_Encrypt	IBE		~	New	Edit			
User	- Attack	ment Filtering								
Policy		_								
Profile	- 💌 File Ty	pe Filtering								
Session	-									
AntiSpam	- • Other	Setting								
AntiVirus	- Con (onditions								
Content	- O Stairt	onucions								
Authentication	- Conte	nt Monitor and	Filtering							
LDAP										
Dictionary		. 🖾 Edit 🕯								
Security		Dictionary Group	Dictionary Pr		Minimum So		Action			
IP Pool		-	Encryption_K	ley	1	<u>/</u>	Action_Encrypt_IBE			
Group	4									
Notification										
AntiSpam										
Email Archiving										
Log and Report										
	_									

15. The content profile was created.

🔤 🖾 New 🛍 Clone 📽 Edit 🏙 Delete						
💍 🖒 🕅 🗸 Page 1 🛛 / 1 🕨 🕅 Records per page: 50 💌 Domain:/					Selected: 1	Total:
Profile Name	Domain Name	Direction	_	_		•
CF_Inbound	system	Incoming				•
CF_Outbound	system	Outgoing				•
Encrypt_IBE	system	Outgoing				•
content_basic_predefined	system	Incoming				•
content_out_basic_predefined	system	Outgoing				•
Content_softer	system	Incoming				•
	Profile Name C - Produced Profile Name C - Produced Profile Name Content_paster profile content_paster profile content_paster profile	Profile Name Domain Name C P_Inbound system C P_E-obtioned system V Encrypt_DE system content_basis-profile system content_basis-profile system content_basis-profile system	Profile Name Domain Name Direction C Profile Name Incoming system Incoming C PL protound system Outpoing V Encrypt UBC system Outpoing content_basic profile system Outpoing content_basic profile system Outpoing content_basic profile system Outpoing content_basic profile system Outpoing	Profile Name Densitin Name Direction C Profile Name system Incoming C Profileward system Outpoing V Encrypt UE system Outpoing context basic predented system Outpoing context basic predented system Outpoing context basic predented system Outpoing	Profile Name Densition Name Direction C P_inbound system Incoming D F_performer system Outpoing V Encrypt UE system Outpoing context basic-predented system Outpoing context basic-predented system Outpoing context basic-predented system Outpoing	Profile Name Domain Name Direction C Profile Name system Incoming C PL-petword system Outgiong V Encrypt UE system Outgiong context basic predefined system Outgiong context basic predefined system Outgiong context basic predefined system Outgiong

16. Add the new Content profile to an outgoing recipient-based policy.

Note: If secured replying is used the content profile must be also added to an Incoming recipient-based policy.