

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.

The screenshot shows the FortiMail VM configuration interface for IBE Encryption. The left sidebar lists various configuration categories, with 'Encryption' selected. The main area is titled 'IBE Encryption' and contains several settings:

- Enable IBE service:** Checked (indicated by a red circle).
- 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 (hours):** 24
- Allow secure replying:** Checked
- Allow secure forwarding:** Unchecked
- Allow secure composing:** Unchecked
- IBE base URL:** https://172.31.16.63 (circled in red)
- "Help" content URL:** (empty)
- "About" content URL:** (empty)
- Allow custom user control:** Unchecked

Below these settings is a 'Notification Settings' section with several checkboxes for sending notifications to sender and recipient, and a 'Send notification if message remains unread for' field set to 14 days.

2. Go To Profile -> Content

Click the "New..." button to create a profile

The screenshot shows the FortiMail VM configuration interface for Content Profiles. The left sidebar lists various configuration categories, with 'Content' selected. The main area is titled 'Content' and contains a table of existing profiles:

Profile Name	Domain Name
CF_inbound	System
CF_Outbound	System
content_basic_predefined	System
content_out_basic_predefined	System
content_sofilter	System

At the top of the table, there is a 'New...' button circled in red, along with 'Clone...', 'Edit...', and 'Delete' buttons. The table also shows pagination information: Page 1 / 1, Records per page: 50, and Domain: --System--.

3. Set the domain to "--System--", type a name for the new profile and set the direction.

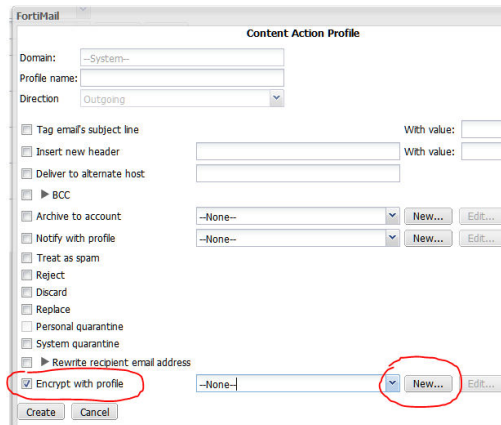
Click the "New..." button next to the "Action:" box to create new Action Profile

The screenshot shows the FortiMail VM configuration interface for creating a new Content Profile. The left sidebar lists various configuration categories, with 'Content' selected. The main area is titled 'Content Profile' and contains several settings:

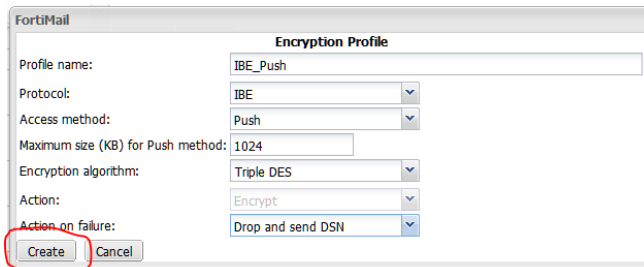
- Domain:** --System--
- Profile name:** Encrypt_IBE
- Direction:** Outgoing
- Action:** --None-- (with a 'New...' button circled in red next to it)

Below these settings are several expandable sections: Attachment Filtering, File Type Filtering, Other Setting, Scan Conditions, and Content Monitor and Filtering. At the bottom, there are 'Create' and 'Cancel' buttons.

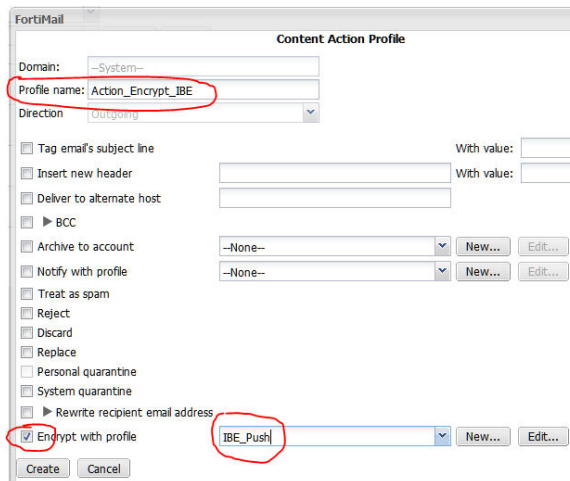
4. Enable the option “Encrypt with profile:”, select encryption profile from the list or click “New...”:



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

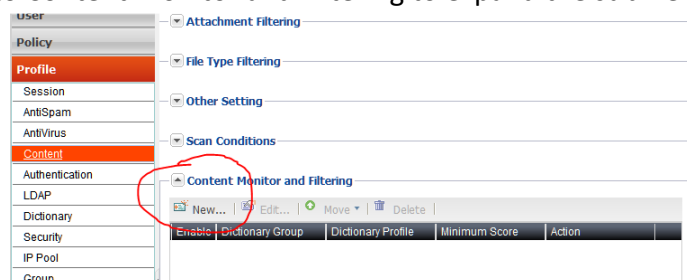


6. Check the settings in the “Content Action Profile”, select a profile name, and click “Create”

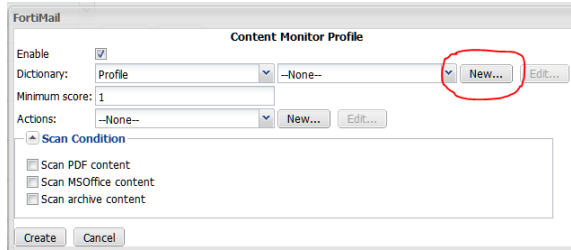


7. You will return to the Content Profile.

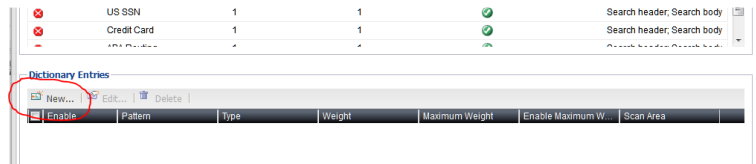
Click the arrow next to Content Monitor and Filtering to expand the submenu and click “New...”



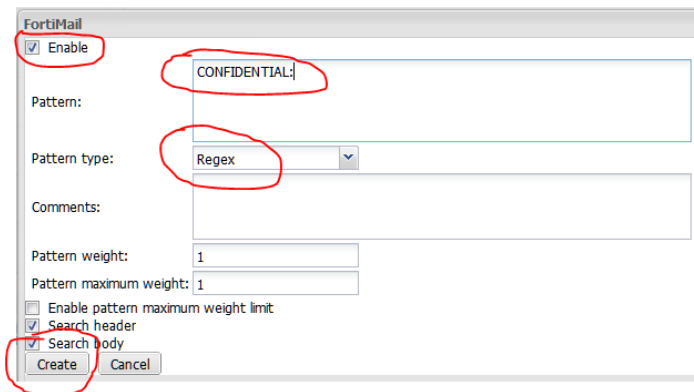
- Now you need to create a new dictionary profile
Click “New...” next to the “Dictionary:” boxes



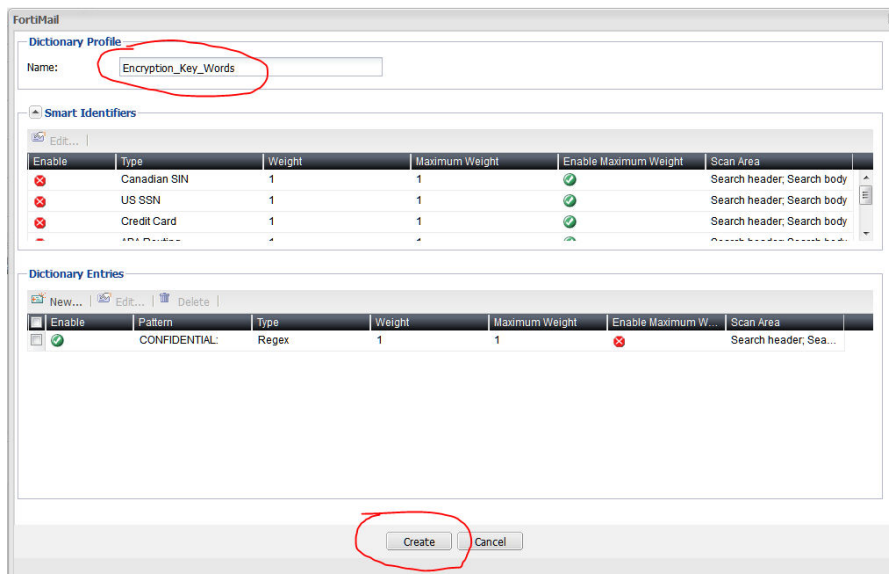
- Click “New...”



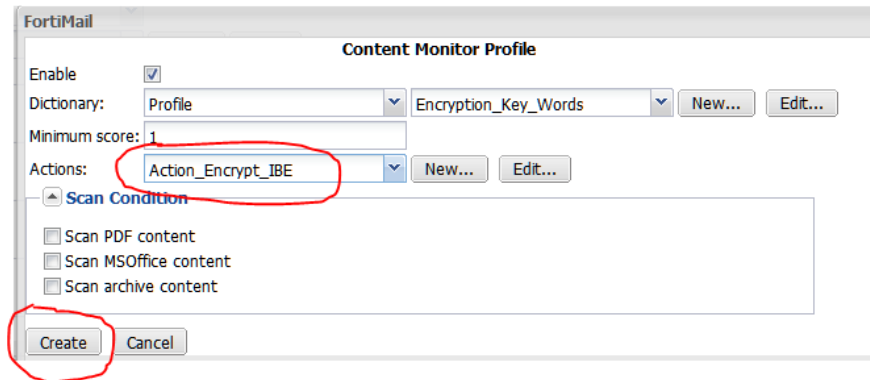
- Type the pattern you want to use as a keyword and click “Create”



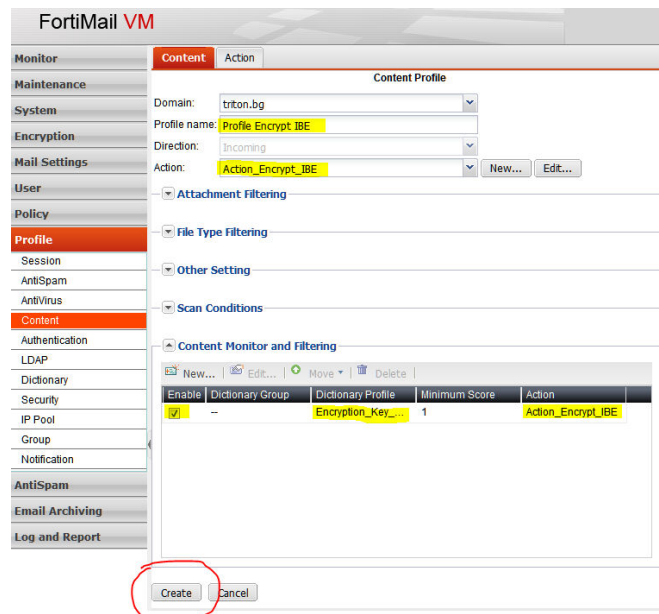
- If you need to create more than one keyword to activate the encryption, repeat 9) and 10)
- Select name for the dictionary profile and click “Create”



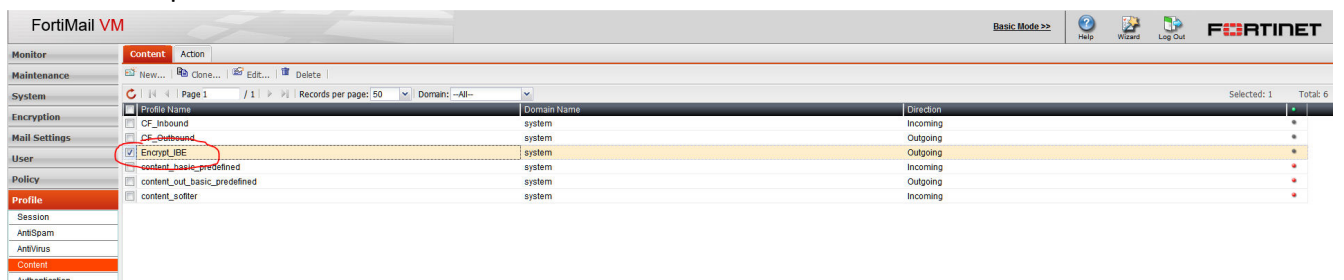
13. Select the previously created action and click “Create”



14. Now we are back to the Content Profile.
Check the settings and click “Create”



15. The content profile was created.



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.