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SMTP server with authentication

In case that your SMTP server has authentication (like Gmail), we need to configure a server relay because Wazuh does not support it by default. For this purpose we will use `Postfix`. The following guide describes the minimal configuration to perform in Postfix to allow Wazuh sends emails to a SMTP with authentication:

1. Install the needed packages:

   Ubuntu

   ```
   apt-get install postfix mailutils libsasl2-2 ca-certificates libsasl2-modules
   ```

   CentOS

   ```
   yum update && yum install postfix mailx cyrus-sasl cyrus-sasl-plain
   ```

2. Set Postfix config file `/etc/postfix/main.cf`. Add this lines to the end of the file:

   Ubuntu

   ```
   relayhost = [smtp.gmail.com]:587
   smtp_sasl_auth_enable = yes
   smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
   smtp_sasl_security_options = noanonymous
   smtp_tls_CAfile = /etc/ssl/certs/thawte_Primary_Root_CA.pem
   smtp_use_tls = yes
   ```

   CentOS

   ```
   relayhost = [smtp.gmail.com]:587
   smtp_sasl_auth_enable = yes
   smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
   smtp_sasl_security_options = noanonymous
   smtp_tls_CAfile = /etc/ssl/certs/ca-bundle.crt
   smtp_use_tls = yes
   ```

3. Configure email address and password:

   ```
   echo [smtp.gmail.com]:587 USERNAME@gmail.com:PASSWORD > /etc/postfix/sasl_passwd
   postmap /etc/postfix/sasl_passwd
   chmod 400 /etc/postfix/sasl_passwd
   ```

4. Secure DB password

   ```
   chown root:root /etc/postfix/sasl_passwd /etc/postfix/sasl_passwd.db
   chmod 0600 /etc/postfix/sasl_passwd /etc/postfix/sasl_passwd.db
   ```

5. Reload Postfix

   ```
   systemctl reload postfix
   ```

6. Test you configuration with:

   ```
   echo "Test mail from postfix" | mail -s "Test Postfix" you@example.com
   ```

   You should receive an email on `you@example.com`

7. Configure Wazuh in the `/var/ossec/etc/ossec.conf`:

   ```
   <global>
     <email_notification>yes</email_notification>
     <smtp_server>localhost</smtp_server>
     <email_from>USERNAME@gmail.com</email_from>
     <email_to>you@example.com</email_to>
   </global>
   ```