**Email Notification Setup with Postfix for Wazuh**

This document provides a step-by-step guide to configuring email notifications using Postfix for Wazuh, based on the provided commands.

**Prerequisites**

Ensure the following packages are installed:

apt-get update && apt-get install postfix mailutils libsasl2-2 ca-certificates libsasl2-modules

**Configure Postfix**

1. Navigate to the Postfix directory and back up the existing configuration file:

cd /etc/postfix/

sudo cp main.cf main.cf.bak

1. Edit the main.cf file to configure the mail relay.

sudo nano main.cf

Add or update the following settings:

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-certificates.crt

smtp\_use\_tls = yes

smtpd\_relay\_restrictions = permit\_mynetworks, permit\_sasl\_authenticated, defer\_unauth\_destination

**Set Up SMTP Authentication**

1. Create the password file with SMTP credentials:

echo [smtp.gmail.com]:587 [example@gmail.com:your](mailto:example@gmail.com:your)apppassword > /etc/postfix/sasl\_passwd

1. Secure the password file:

postmap /etc/postfix/sasl\_passwd

chmod 400 /etc/postfix/sasl\_passwd

chown root:root /etc/postfix/sasl\_passwd /etc/postfix/sasl\_passwd.db

chmod 0600 /etc/postfix/sasl\_passwd /etc/postfix/sasl\_passwd.db

**Restart and Enable Postfix**

systemctl restart postfix

systemctl enable postfix

systemctl status postfix

**Test Email Notification**

Send a test email to confirm successful configuration:

echo "Test mail from postfix" | mail -s "Test Postfix" -r "example@yourdomain.com" example@yourdomain.com

Alternatively, using Gmail for testing:

echo "Test mail from postfix" | mail -s "Test Postfix" -r " example@yourdomain.com " example@gmail.com

**Troubleshooting**

* Check mail queue for issues:

mailq

* View logs for detailed errors:

less /var/log/mail.log

* Ensure the correct credentials are in place:

cat /etc/postfix/sasl\_passwd

* Remove incorrect authentication files if needed:

rm -rf /etc/postfix/sasl\_\*

**Conclusion**

Following these steps should ensure Wazuh email notifications are properly configured using Postfix with Gmail or Office365. Adjust settings as needed for other SMTP providers.