

# Airwave – Using gmail as a smtp gateway with authentication.

Date: 7/24/2015

Airwave version used: 8.0.8.1

1. ssh to airwave as root
2. Add SASL libraries for Postfix

yum install cyrus-sasl-plain

3. Create a temporary password file with your gmail-login-name@gmail.com:password .

```
echo "smtp.gmail.com smtp_user:smtp_passwd" > /etc/postfix/sasl_passwd
```

4. Hash the password file so that it is not stored in clear text. This command will create a file named sasl\_passwd.db in the /etc/postfix/ directory.

```
postmap hash:/etc/postfix/sasl_passwd
```

5. Now add the following to the bottom of /etc/postfix/main.cf. This is assuming that your root certificates installed from openssl are located in /etc/pki/tls/certs/ca-bundle.crt.

```
smtp_sasl_auth_enable = yes
```

```
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
```

```
smtp_sasl_security_options = noanonymous
```

```
# Secure channel TLS with exact nexthop name match.
```

```
smtp_tls_security_level = secure
```

```
smtp_tls_mandatory_protocols = TLSv1
smtp_tls_mandatory_ciphers = high
smtp_tls_secure_cert_match = nexthop
smtp_tls_CAfile = /etc/pki/tls/certs/ca-bundle.crt
relayhost = smtp.gmail.com:587
```

6. Also modify this statement in main.cf to enable ipv4 only otherwise you will see error messages in the mail log file regarding network unreachable.

```
from - inet_protocols = all
to - inet_protocols = ipv4
```

7. Now restart postfix:

```
service postfix restart
```

8. Send a test email via Airwave test email section or use the following syntax at the command line:

```
mail email@domain
```

Fill in the subject, put something in the body and then type a “.” and hit enter to send.

9. If this worked you can remove the un-hashed password file.

```
rm /etc/postfix/sasl_passwd
```

10. Go to menu AMPSetup/General

Select “No” under “Use Embedded Mail Server” since smtp.gmail.com:587 is not a valid entry. Since the mail information is hard coded selecting No still uses the static information.

If any issues, review the mail log file:

```
tail /var/log/maillog
```