

# Configuring Email Settings

It's preferable for Ubersmith-related email to be handled by the local mail container rather than communicating directly with a remote SMTP host. Mail delivery is quicker, with superior logging, and avoids the need for the Ubersmith web interface to 'pause' or 'wait' for the mail delivery actions to complete. Ubersmith's mail container runs the [Postfix](#) MTA. This configuration is confirmed to work with Office 365, Sendgrid, and Amazon SES.

The following instructions assume that Ubersmith has been installed to `/usr/local/ubersmith` and that Ubersmith is being configured to relay mail to Office 365. Be sure to use the specific `relayhost` configuration for the provider you plan to have Ubersmith send mail to. Retrieve the latest copy of **cacert.pem** from [curl.haxx.se](https://curl.haxx.se) and place it in `/usr/local/ubersmith/conf/mail`:

- `cd /usr/local/ubersmith/conf/mail`
- `curl -L -O https://curl.haxx.se/ca/cacert.pem`

Open a shell within the mail container:

- `cd /usr/local/ubersmith`
- `docker-compose exec mail bash`

Within the mail container, modify `/etc/postfix/main.cf` to uncomment and edit the following variables to the appropriate settings:

## `/etc/postfix/main.cf` Configuration Options

```
relayhost = [smtp.office365.com]:587
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd
smtp_sasl_security_options = noanonymous
smtp_sasl_tls_security_options = noanonymous

smtp_send_dummy_mail_auth = yes
smtp_always_send_ehlo = yes
smtp_tls_security_level = may
smtp_use_tls = yes
smtp_tls_CAfile = /etc/postfix/cacert.pem

# debug options
# debug_peer_list = smtp.office365.com
```

Still within the container, create `/etc/postfix/sasl_passwd` and generate `sasl_passwd.db`:

- Edit `/etc/postfix/sasl_passwd` to contain the following:
  - `[smtp.office365.com]:587 smtp-user@example.com:password`
- To generate `/etc/postfix/sasl_passwd.db`, run:
  - `postmap /etc/postfix/sasl_passwd`

Exit the container, and run:

- `docker cp ubersmith_mail_1:/etc/postfix/main.cf /usr/local/ubersmith/conf/mail`
- `docker cp ubersmith_mail_1:/etc/postfix/sasl_passwd /usr/local/ubersmith/conf/mail`
- `docker cp ubersmith_mail_1:/etc/postfix/sasl_passwd.db /usr/local/ubersmith/conf/mail`

Edit `/usr/local/ubersmith/docker-compose.override.yml` to add the following volumes to the mail service:

```
- "/usr/local/ubersmith/conf/mail/cacert.pem:/etc/postfix/cacert.pem"
- "/usr/local/ubersmith/conf/mail/main.cf:/etc/postfix/main.cf"
- "/usr/local/ubersmith/conf/mail/sasl_passwd:/etc/postfix/sasl_passwd"
- "/usr/local/ubersmith/conf/mail/sasl_passwd.db:/etc/postfix/sasl_passwd.db"
```

Recreate the mail container:

- `cd /usr/local/ubersmith; docker-compose up -d mail`

Verify mail is flowing properly by examining the log output from the mail container:

- `tail -f /var/log/ubersmith/mail/docker.log`

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