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Sendmail to Relay Emails through Gmail STMP

Written by Rahul K. | September 12, 2016

 Sendmail

This tutorial will help you to configure Sendmail to relay email through external smtp servers like Gmail, Amazon SES, Mailchimp, Mandrill etc. In this tutorial we are suing Gmail SMTP server to relay emails from sendmail server.

1. Create Auth File

First create directory for storing authentication files.

```
$ sudo mkdir /etc/mail/auth
$ sudo chmod 700 /etc/mail/auth
```

Now create a auth file with any name like smtp-auth and add following content. Replace the above email with your gmail or google apps email.

```
$ sudo vi /etc/mail/auth/smtp-auth
```

```
AuthInfo: "U:root" "I:user@gmail.com" "P:PASSWOR
```

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Now create a hash map file of above created auth file.

```
$ makemap hash /etc/mail/auth/smtp-auth < /etc/m
```

2. Configure Sendmail with SMART_HOST

Now add following configuration lines into your sendmail.mc configuration file below "MAILER" definition.

```
define(`SMART_HOST',`[smtp.gmail.com]')dnl
define(`RELAY_MAILER_ARGS', `TCP $h 587')dnl
define(`ESMTP_MAILER_ARGS', `TCP $h 587')dnl
define(`confAUTH_OPTIONS', `A p')dnl
TRUST_AUTH_MECH(`EXTERNAL DIGEST-MD5 CRAM-MD5 LO
define(`confAUTH_MECHANISMS', `EXTERNAL GSSAPI D
FEATURE(`authinfo',`hash -o /etc/mail/authinfo/s
```

In the next step we will need to re-build sendmail's configuration. To do that execute:

```
# make -C /etc/mail
```

3. Verify Setup

After completing all above configuration, reload sendmail service.

```
$ sudo service sendmail reload
```

Now send a test email verify everything is working fine.

```
$ echo "Test Email" | mail -s "Subject Here" rec
```

RAHUL K.   f 🐦 G+

I, Rahul Kumar am the founder and chief
editor of TecAdmin.net. I am a Red Hat
Certified Engineer (RHCE) and working as
an IT professional since 2009..

2 COMMENTS

RODEL   ↩ REPLY TO RODEL

March 15, 2018 at 3:56 am

Hello Rahul,

I have followed the steps above and I have used Gmail
as the sender. I tried the command (echo "Test Email" |
mail -s "Subject Here" recipient@example.com) and I
get this response 'You have new mail in
/var/mail/appadmin' but i did not receive any email in
my inbox? Did I missed something?

Thank you

RAHUL K.   ↩ REPLY TO RAHUL

March 15, 2018 at 10:57 am

Have you changed the recipient address?

LEAVE A REPLY

COMMENTS *

NAME *

EMAIL *

WEBSITE

I'm not a robot

reCAPTCHA
Privacy - Terms

SUBMIT