

How to use telnet to confirm SMTP connectivity between the Mobility front-end (FE) and the SMTP server

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1. Install telnet client:
sudo yum -y install telnet
2. Enter the following syntax:
telnet <FQDN> <PORT>

For example:

```
[root@fe1 iso]# telnet smtp.smmglobal.net 25
Trying 127.0.0.1...
Connected to smtp.smmglobal.net.
Escape character is '^]'.
220 fe1.testlab.smmglobal.net ESMTP Postfix
```

3. Once the above or something like it is displayed, enter the following to manually send a message through the SMTP service.
4. Type the following followed by hitting <enter>:
EHLO <domain>

For example:

```
[root@fel iso]# telnet smtp.smmnglobal.net 25
Trying 127.0.0.1...
Connected to smtp.smmnglobal.net.
Escape character is '^]'.
220 fel.testlab.smmnglobal.net ESMTP Postfix
EHLO smmnglobal.net
250-fel.testlab.smmnglobal.net
250-PIPELINING
250-SIZE 10240000
250-VERFY
250-ETRN
250-ENHANCEDSTATUSCODES
250-8BITMIME
250 DSN
```

5. Enter the following as the from address:

MAIL FROM:<email>

For example:

```
MAIL FROM:adam_burner@symantec.com
250 2.1.0 Ok
```

6. Enter the recipient's email address:

RCPT TO:<email>

For example:

```
RCPT TO:adam_burner@symantec.com
250 2.1.5 Ok
```

7. Type the following command to tell the server that you are ready to send data:

DATA

8. Type the following:

Subject: test message from Mobility server

Press Enter twice (there is no response to this action).

9. Now enter the message body:

This is a test message

10. Type a period at the end of a blank line to send the message:

```
[root@fe1 iso]# telnet smtp.smmglobal.net 25
Trying 127.0.0.1...
Connected to smtp.smmglobal.net.
Escape character is '^]'.
220 fe1.testlab.smmglobal.net ESMTP Postfix
EHLO smmglobal.net
250-fe1.testlab.smmglobal.net
250-PIPELINING
250-SIZE 10240000
250-VRIFY
250-ETRN
250-ENHANCEDSTATUSCODES
250-8BITMIME
250 DSN
MAIL FROM:adam_burner@symantec.com
250 2.1.0 Ok
RCPT TO:adam_burner@symantec.com
250 2.1.5 Ok
DATA
354 End data with <CR><LF>.<CR><LF>
Subject:Test message from Mobility front-end

This is a test message
.
250 2.0.0 Ok: queued as 05373160291
```

Mobility email SMTP settings and directives ([HOWTO110249](#))

(Return to this step as needed)

To change the SMTP mail relay after completing the **bootstrapping** process: open a terminal to the FE. As root edit **/usr/local/nukona/appstore_cu/appstore_cu/settings_local.py**:

vi /usr/local/nukona/appstore_cu/appstore_cu/settings_local.py

The below lines can be changed and the following entries are accepted:

EMAIL_PROXY_TYPE='<smtp or localhost>'

EMAIL_HOST='<SMTPFQDN or localhost>'

EMAIL_HOST_PASSWORD = '<password or blank>'

EMAIL_PORT=<any port>

EMAIL_HOST_USER='<user or blank>'

EMAIL_USE_TLS=<True or False>

For example:

```
EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
EMAIL_TO_CONSOLE_ONLY=False
EMAIL_SUBJECT_PREFIX=''
EMAIL_PROXY_TYPE='smtp'
EMAIL_HOST='smtp.mydomain.com'
EMAIL_HOST_PASSWORD = ''
EMAIL_PORT=25
EMAIL_HOST_USER=''
EMAIL_USE_TLS=False
EMAIL_SES_FROM_ADDR=''
SEND_TRACE_EMAIL = True
```

Restart Mobility Services:

sudo /etc/init.d/appcenter-services restart

If the **EMAIL_PROXY_TYPE='localhost'** and the **EMAIL_HOST='localhost'** the Mobility Suite FE will use postfix to proxy messages to the relay. Edit the postfix configuration file located at the end of the

/etc/postfix/main.cf file:

vi /etc/postfix/main.cf

The below lines can be changed and the following entries are accepted:

smtp_sasl_auth_enable = <Yes or No>

smtp_sasl_security_options = noanonymous

smtp_tls_security_level = may

header_size_limit = 4096000

relayhost = [<SMTPFQDN or IP>]:<any port>

smtp_sasl_password_maps = static:<user>:<password>

For example:

Without Authentication:

```
smtp_sasl_auth_enable = No
smtp_sasl_security_options = noanonymous
smtp_tls_security_level = may
header_size_limit = 4096000
relayhost = [smtp.mydomain.com]:25
```

With authentication:

```
smtp_sasl_auth_enable = Yes
smtp_sasl_security_options = noanonymous
smtp_tls_security_level = may
header_size_limit = 4096000
relayhost = [smtp.mydomain.com]:587
smtp_sasl_password_maps = static:user@mydomain.com:mypassword
```

Restart postfix:

sudo service postfix restart

Tip: Postfix mail logs are stored in **/var/log/maillog** if the mail log contains messages regarding an **untrusted issuer** follow [TECH209709](#) to build troubleshoot TLS failures.