*9.4. LABS* 



## Exercise 9.5: Enable StartTLS for Postfix, and force Plain-Text logins to use Start-TLS

Use the following information to create a certificate.

- Private-key pass phrase: this is a long passphrase
- Country Name: US
- State Name: Awesome
- Locality Name: Awesometown
- Organization Name: Example Incorporated
- Organizational Unit Name: IT
- Common Name: smtp.example.com
- Email Address: admin@smtp.example.com

## Solution 9.5

- 1. Create a new PEM certificate:
  - For CentOS:

```
# cd /etc/pki/tls/certs
# make postfix.pem
```

For other distributions:

• Change the **Postfix** configuration to enable and enforce TLS:

```
# postconf -e "smtpd_tls_auth_only = yes"
# postconf -e "smtpd_tls_security_level = may"
# postconf -e "smtpd_tls_cert_file = /etc/postfix/postfix.pem"
# postconf -e "smtpd_tls_key_file = /etc/postfix/postfix.pem"
```

Restart Postfix:

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```
# systemctl restart postfix
```

• Test SMTP StartTLS:

Note: You may have to do this twice to get the key data.

Note: After the **starttls** command use the "control + d" key combination.



NOTE: There is no option for AUTH until after you start the TLS session.

NOTE: Relay access is still denied until after the AUTH step.

