



Instructions: Generation of CSR for Lighttpd

Create certificate signing request

Step one: Create a directory where to create CSR and key.

```
mkdir /etc/lighttpd/ssl/
```

```
cd /etc/lighttpd/ssl/
```

Step two: Type the following command to create the CSR

```
openssl req -new -newkey rsa:2048 -nodes -keyout example.com.key -out example.com.csr
```

After creating CSR, Request an SSL certificate from TrustFactory

Refer to the purchase and order completion document for your specific certificate type, in the support section of the TrustFactory website.

After receiving the SSL certificate from TrustFactory. Now create pem file by combining key file and certificate in one file

```
cat example.com.key example.com.crt > example.com.pem
```



Step Three: Setup Virtual Host with SSL

Edit Lighttpd configuration file `/etc/lighttpd/lighttpd.conf` and add the following values.

```
$SERVER["socket"] == ":443" {  
  
    ssl.engine = "enable"  
  
    ssl.pemfile = "/etc/lighttpd/ssl/ example.net.pem"  
  
    # ssl.ca-file = "/etc/lighttpd/ssl/CA_issuing.crt"  
  
    server.name = ". example.net"  
  
    server.document-root = "/sites/vhosts/ example.net/public"  
  
    server.errorlog = "/var/log/lighttpd/ example.net.error.log"  
  
    accesslog.filename = "/var/log/lighttpd/ example.net.access.log"
```

Step 4: Verify Configuration & Restart Lighttpd

Verify syntax of configuration file before starting lighttpd service.

```
# lighttpd -t -f /etc/lighttpd/lighttpd.conf
```

```
Syntax OK
```

If you found that all syntax is ok, restart service



```
# service lighttpd restart
```