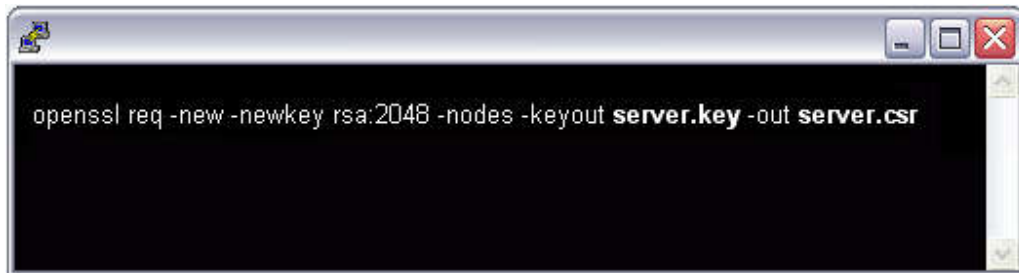


Lighttpd CSR Creation and Installation using OpenSSL

How to generate a CSR for Lighttpd using OpenSSL

1. Login to your server via your terminal client (ssh). At the prompt, type:



openssl req -new -newkey rsa:2048 -nodes -keyout server.key -out server.csr
where server is the name of your server.

2. This will begin the process of generating two files: the **Private-Key** file for the decryption of your SSL Certificate, and a certificate signing request (**CSR**) file used to apply for your SSL Certificate. When you are prompted for the **Common Name** (domain name), enter the fully qualified domain name for the site you are securing. If you are generating an Lighttpd CSR for a Wildcard SSL Certificate make sure your common name starts with an asterisk (e.g. *.example.com). After that, you will be prompted for your organizational information, beginning with geographic information. There may be default information set already.

Your .csr file will then be created.

3. Please [send the CSR file to us](#) for our process.
4. Save (backup) the generated .key file as it will be required later when installing your SSL certificate in Lighttpd.

Lighttpd Server SSL Certificate Installation

1. **Copy the Certificate files to your server.**
Copy your Intermediate and Primary Certificates (your_domain_name.crt) you received to the directory on your server where you will keep your certificate and key files. Make them readable by root only.
2. **Concatenate the certificate and key file.**
You need to concatenate the key file and the certificate file into a single pem file by running the following command:

```
cat your_domain_name.key your_domain_name.crt > your_domain_name.pem
```

3. **Edit the Lighttpd configuration file.**
Now open your lighttpd.conf file and add the following:

```
var.confdir = "/etc/lighttpd"  
$SERVER["socket"] == "15.15.15.15:443" {  
    ssl.engine = "enable"  
    ssl.pemfile = var.confdir + "/your_domain_name.pem"  
    ssl.ca-file = var.confdir + "/IntermediateCA.crt"  
    server.name = "your.domain.com"  
    server.document-root = "/my/document/root/"  
}
```

Make sure that the `var.confdir (/etc/lighttpd)` matches the location where you saved your certificate files. Also change the IP address (`15.15.15.15`) to match your IP address.

4. **Restart Lighttpd.**