

DEBIAN 6.0 : Konfigurasi SSL Apache

Ditulis oleh Tutor TKJ CLUB

Kamis, 25 Juli 2013 08:31 - Pemutakhiran Terakhir Sabtu, 03 Agustus 2013 04:32

Ada beberapa langkah yang perlu untuk dilakukan dalam melakukan Konfigurasi SSL bagi Web Server khususnya pada Sistem Operasi Linux Debian 6.

Adapun langkah yang dimaksud adalah sebagai berikut :

1. Creat SSL Centificates

```
root@www:~#
```

```
cd /etc/ssl/certs
```

```
root@www:/etc/ssl/certs#
```

```
openssl genrsa -des3 -out server.key 1024
```

```
Generating RSA private key, 1024 bit long modulus
```

```
.....++++++
```

```
.....++++++
```

```
e is 65537 (0x10001)
```

```
Enter pass phrase for server.key:
```

```
# set passphrase
```

```
Verifying - Enter pass phrase for server.key:
```

```
# confirm    # remove passphrase from private key
```

```
root@www:/etc/ssl/certs#
```

```
openssl rsa -in server.key -out server.key
```

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Enter pass phrase for server.key:

passphrase

writing RSA key

root@www:/etc/ssl/certs#

openssl req -new -days 3650 -key server.key -out server.csr

You are about to be asked to enter information that will be incorporated into your certificate request.

What you are about to enter is what is called a Distinguished Name or a DN.

There are quite a few fields but you can leave some blank

For some fields there will be a default value,

If you enter '.', the field will be left blank.

Country Name (2 letter code) [AU]:

JP # country

State or Province Name (full name) [Some-State]:

Hiroshima

state

Locality Name (eg, city) []:

Hiroshima # city

Organization Name (eg, company) [Internet Widgits Pty Ltd]:

Server World

company

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Organizational Unit Name (eg, section) []:

IT Solution

department

Common Name (eg, YOUR name) []:

www.server.world

server's FQDN

Email Address []:

xxx@server.world # email address

Please enter the following 'extra' attributes
to be sent with your certificate request

A challenge password []:

An optional company name []:

root@www:/etc/ssl/certs#

```
openssl x509 -in server.csr -out server.crt -req -signkey server.key -days 3650
```

Signature ok

subject=/C=JP/ST=Hiroshima/L=Hiroshima/O=Server World/OU=IT

Solution/CN=www.server.world/emailAddress=xxx@server.world

Getting Private key

root@www:/etc/ssl/certs#

[chmod](#) 400 server.* 2. Configure SSL

oot@www:~#

[vi](#) /etc/apache2/sites-available/default-ssl # line 3: change to webmaster's email
ServerAdmin webmaster@server.world # line 11,12: change

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```
Options FollowSymLinks ExecCGI
AllowOverride All # line 51,52: change
SSLCertificateFile /etc/ssl/certs/server.crt
SSLCertificateKeyFile /etc/ssl/certs/server.key
```

[root@www:~#](#)

a2ensite default-ssl

Enabling site default-ssl.

Run '/etc/init.d/apache2 reload' to activate new configuration!

[root@www:~#](#) a2enmod ssl

Enabling module ssl.

See /usr/share/doc/apache2.2-common/README.Debian.gz on how to configure SSL and create self-signed certificates.

Run '/etc/init.d/apache2 restart' to activate new configuration!

[root@www:~#](#) /etc/init.d/apache2 restart

Restarting web server: apache2 ... waiting. Sumber : [TKJ CLUB](#)