

## Create ssl

```
openssl genrsa -out ../za3/csms.sggrp.com.key 1024
openssl req -new -key ../za3/csms.sggrp.com.key -out ../za3/csms.sggrp.com.csr
```

```
[root@csms1 bin]# openssl req -new -key ../za3/csms.sggrp.com.key -out ../za3/csms.sggrp.com.csr.new
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) [GB]:ID
State or Province Name (full name) [Berkshire]:Jawa Timur
Locality Name (eg, city) [Newbury]:Gresik
Organization Name (eg, company) [My Company Ltd]:PT Semen gresik (Persero) Tbk
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, your name or your server's hostname) []:csms.sggrp.com
Email Address []:

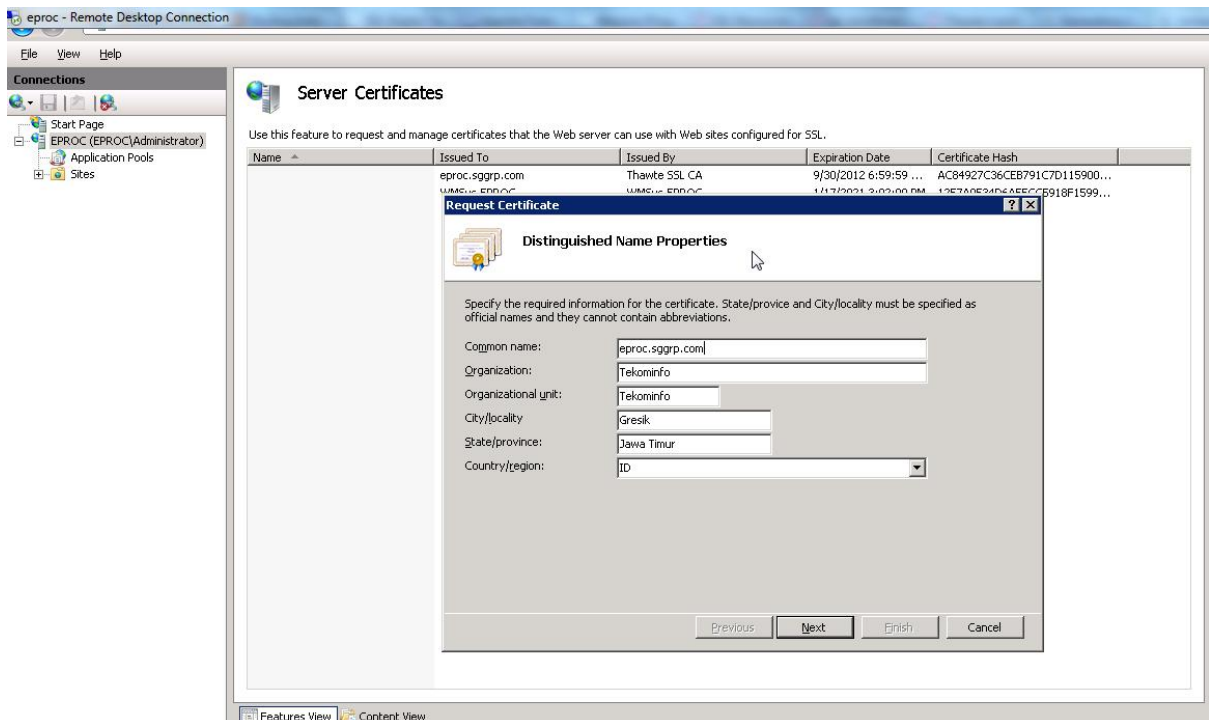
Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
```

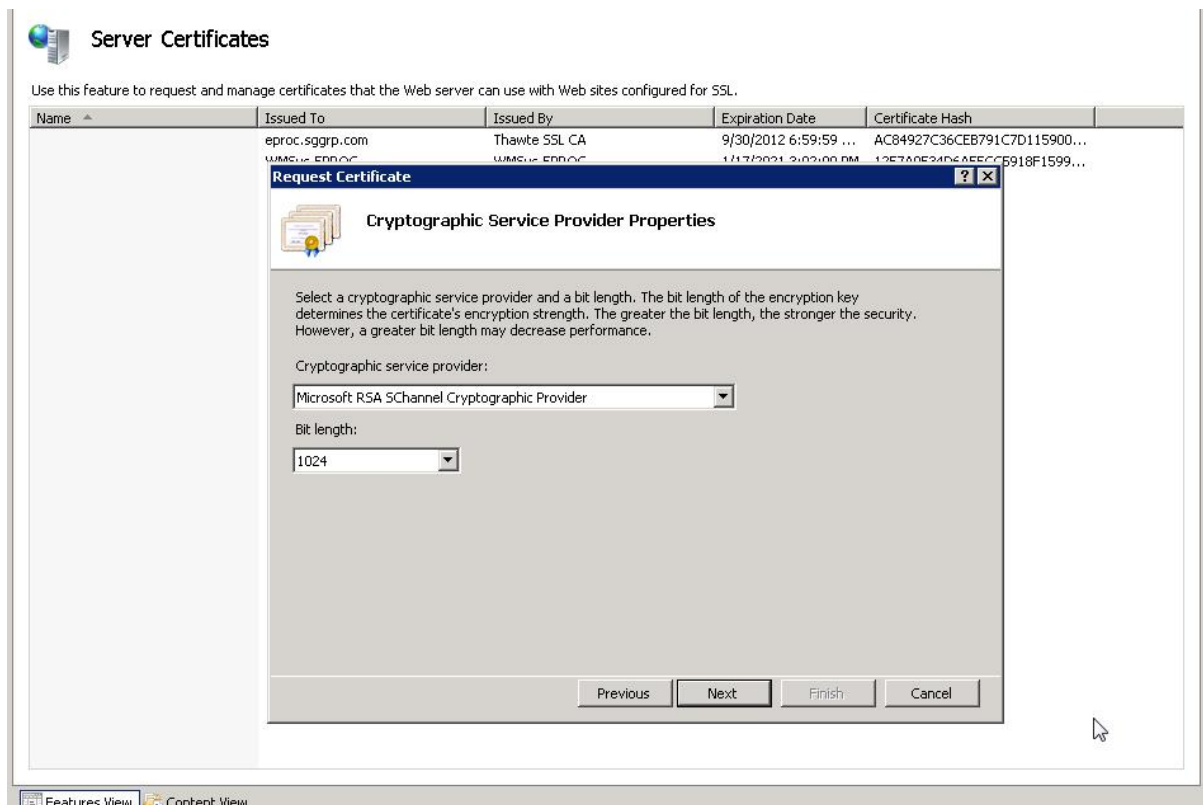
```
[root@csms1 za3]# more csms.sggrp.com.csr.new
-----BEGIN CERTIFICATE REQUEST-----
MIIBYTCCATICAQAwwYgxCzAJBgNVBAYTAklEMRMwEQYDVQQIEwpxYXdhIFRpbXVv
MQ8wDQYDVQQHEwZHMmVzaWsxJjAkBgNVBAoTHVBUIFNBbWVvIGdyZXNpayAoUGVv
c2VybykgVGJrMRIwEAYDVQQLEw1UZWtvcWluZm8xZzFzAVBgNVBAMTDmNzbXMuc2dn
cnAuY29tMIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQC+K+4M2wy4XaN3qKi8
HMX/uyvXTSO/KIO+ZUS3Cz3QZRUS7VydYoNriPZTeSDMqZrGDzjgrsa1Cj9919S0
FmxQUDZMXWwu4sHN4cSJeIgl9Z/riLrBwsFZ8NRC1WucQwbEdGmlUt5YpPubuA7y
PW1C1BpLhQ/TWvT1o6KRW849bwIDAQABAAAwDQYJKoZIhvcNAQEEBQADgYEAB1Tp
pi0WuLspDnLtQA0Y0yryyyjKFxyCmcx8GggX6kA+zEU9XlXgjdWIfQl4DS+7Wmn+J
E/CH6DTvmu6r8TbMwwq2Js/6kuuxTswDyDuPlyJwYPJuNBEoby9o3DglTAO19s2i
5SdKwErb7/aXjROD3UtkBUXEX5D8+QEKJu7OHg8=
-----END CERTIFICATE REQUEST-----
[root@csms1 za3]#
```

```
openssl genrsa -out ../za3/bos.sggrp.com.key 1024
openssl req -new -key ../za3/bos.sggrp.com.key -out ../za3/bos.sggrp.com.csr2
```

```
[root@bos bin]# openssl req -new -key ../za3/bos.sggrp.com.key -out ../za3/bos.sggrp.com.csr.new
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.
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Country Name (2 letter code) [GB]:ID
State or Province Name (full name) [Berkshire]:Jawa Timur
Locality Name (eg, city) [Newbury]:Gresik
Organization Name (eg, company) [My Company Ltd]:PT Semen Gresik (Persero) Tbk
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, your name or your server's hostname) []:bos.sggrp.com
Email Address []:

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@bos bin]# cd ../za3
[root@bos za3]# ls
bos.sggrp.com.csr  bos.sggrp.com.csr.new  bos.sggrp.com.key
[root@bos za3]# more bos.sggrp.com.csr.new
-----BEGIN CERTIFICATE REQUEST-----
MIIBYDCCATECAQAwYcxzCzAJBgNVBAYTAklEMRMwEQYDVQQIEwpKYXdhIFRpbXVy
MQ8wDQYDVQQHEWZhc2VzZm8xJjAKBgNVBAoTHVBVUjEwIEdyZXNpayAoUGVv
c2Vyb3kgVGJrMRIwEAYDVQQLEw1lU2VtY2VlU2M8xFjAUBgNVBAMTDWJvcy5zZ2dy
cC5jb20wgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBANvgLIjJm52QcvC9oEdT
ES57TxZ2LQ66hT7/ppAQJDgmNb+z9DMAzcotV5KofFcAAUTKHOMWIoFa+F5IEvbp
ZMG3Dna7lE+AeciMVsfRjRfGLhy5PuPoKz34LjiGrRKkcJ7lx6ZuTG2yofIw+13B
IyLPs2G/6aGTzSRd4uGilg+BAgMBAAAGgADANBgkqhkiG9w0BAQUFAAOBgQCDCIi
TrJW95TAUdTCheCL0s0Ac9mjvVO5xq3HHvxGAljZoxpDSXMrBi27IwfAe9d44rC
Hf5uSbaZgzLe9kUAXR1ROopvWk/YEDy54/otaYoHhbH8YI5gacY6LtXHW/CGmFu4
akyBpfxiCghG16seBeseFpOHmLk0iZmacZ2S1Q==
-----END CERTIFICATE REQUEST-----
[root@bos za3]#
```





Referensi

***openssl x509 -req -days 365 -in server.csr -signkey server.key -out server.crt***

```
openssl genrsa -des3 -out digitss.key 1024
OpenSSL rsa -in digitss.key -out unsecured.digitss.key
OpenSSL req -new -key digitss.key -out digitss.csr
```

```
openssl genrsa -des3 -out domainname.key 2048
openssl genrsa -out domainname.key 2048
openssl req -new -key domainname.key -out domainname.csr
openssl genrsa -des3 -out server.key 1024
openssl req -new -key server.key -out server.csr
```

```
openssl req -noout -text -in domainname.csr
```

```
openssl rsa -noout -text -in domainname.key
```



```

[root@bos bin]# openssl
[root@bos bin]# ./openssl req -new -key ../za4/bos.sggrp.com.key -out ../za4/bos.sggrp.com.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]:ID
State or Province Name (full name) [Some-State]:Jawa Timur
Locality Name (eg, city) []:Gresik
Organization Name (eg, company) [Internet Widgits Pty Ltd]:PT. Semen Gresik (Per
sero) Tbk.
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, YOUR name) []:bos.sggrp.com
Email Address []:zaenul@sg.sggrp.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@bos bin]# cd ../za4
[root@bos za4]# ls
bos.sggrp.com.csr  bos.sggrp.com.key
[root@bos za4]# more bos.sggrp.com.csr
-----BEGIN CERTIFICATE REQUEST-----
MIIC8zCCAAdsCAQAwga0xCzAJBgNVBAYTAklEMRMwEQYDVQQIEWpKYXdhIFRpbXVY
MQ8wDQYDVQQHEwZHMmVzaWwsczA0aW50aW50aW50aW50aW50aW50aW50aW50aW50
cnNlcm8pIFRiay4xEjAQBgNVBAstCVRla29taW5mbzEWMBQGA1UEAxMNYm9zLnNn
Z3JwLmNvbTEiMCAGCSqGSIb3DQEJARYTemFlbnVsQHNnLnNnZ3JwLmNvbTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMs3axd50B75TrWqDujW816fL1bD
Q7hRB9Hb+Xg9NrW5J8IweTeva/sJ9UE2Nkxn1n1+zXvRAKXDYe8vNy4GpjKPGN6g
8v4gdega4aj9S5SXMUvtdFTYo2TERJWzERudJySVpd+XggS2M+w2dwrnHhUzMthM
E56cbfQh7FycrGUYQkSLkiTV1WpdF5pQlASn6MgQew9Urgrb+QtZ4/YIqGQx/LB2
/+e/YS44CVh2DBZAhqzm7S5g0A3RZn9Y9e+xm0FfxHZU6pJfE4Dtf13Re66dYxg/
VITgPNJb+IHOj2g09XioyCbXD4HQ5daEyc1fjsBi3o649kwvvtuhWMcm08CAwEA
AaAAMAOGCSqGSIb3DQEBBQUAA4IBAQBpeaN5kmA814Cguf+HvmFbKKDDEt8ruWYU
DSFqX4fxUpY51gM1TBH26gh3EvpLIuz4JxUxjFK2LMjZMOSck2G1196G5nb4ibCN
m7WbcDEmUGOmHn2LbKWkOCdmarafIdEuJ+x8L+TS1WnzzCGqn4IgFl1WEHMsGjHE
YXHe7R6WmCQBpsRAuDGoQWdNOyMfuE/WdC/Smgl8nVf4orhaMa4213kuv9+BQP+r
sNPurwTXaJXiwtmlwq1Jv79pgl9dIXBA/C3nU1GbYjMMLw8fkoVJz4AvK6qKPHuR
+G20fz2ZoQrCxiVhcsPMkQzqNiesN1MoeC44hGpK0UmWIBB70T5v
-----END CERTIFICATE REQUEST-----
[root@bos za4]# █

```

```
root@csms1:/opt/lampp/za4
csms.
[root@csms1 bin]# ./openssl genrsa -out ../za4/csms.sggrp.com.key 2048
Generating RSA private key, 2048 bit long modulus
.....
.....+++
e is 65537 (0x10001)
[root@csms1 bin]# ./openssl req -new -key ../za4/csms.sggrp.com.key -out ../z
csms.sggrp.com.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]:ID
State or Province Name (full name) [Some-State]:Jawa Timur
Locality Name (eg, city) []:Gresik
Organization Name (eg, company) [Internet Widgits Pty Ltd]:PT. Semen Gresik (
sero) Tbk.
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, YOUR name) []:csms.sggrp.com
Email Address []:zaenul@sg.sggrp.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@csms1 bin]# cd ../za4
[root@csms1 za4]# ls
csms.sggrp.com.csr csms.sggrp.com.key
[root@csms1 za4]# more csms.sggrp.com.csr
-----BEGIN CERTIFICATE REQUEST-----
MIIC9DCCAdwCAQAwga4xCzAJBgNVBAYTAklEMRMwEQYDVQQIEWpKYXdhIFRpbXVY
MQ8wDQYDVQQHEwZhcWVzaWsxKDAwBgNVBAoTH1BULiBTZW11biBHcmVzaWsgKFB1
cnNlcm8pIFRiay4xEjAQBgNVBAsTCVR1a29taW5mbzEXMBUGA1UEAxMOY3Ntcy5z
Z2dycC5jb20xIjAgBgkqhkiG9w0BCQEWES3phZW51bEBzZy5zZ2dycC5jb20wgqEi
MA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQCvkiMyJmSn+nzEgaiNpX8kJ2nW
FmXw6dkRo4C6UEqAycHfXXpQx8zpe3N2iCIDBM2KxaN9+0DZXV/PmglicK2OoPN+
aWUdhYn1X1Q3ZFikiGKR4b1Z9OJj2GMupXaLR+rTbLMDbAIZW7wWkUEX/mdRERTH
UCvp4f0JZ2RdYguIsvARS/qzuv6RJ2jqT/s/b/Bwwz5FWaSa0RaKp2qxwhqx6Wna0
WUZfmKk5QVcc2ob+MO3GTUxu33ZwDX4ddzbONH9H6JaNsc20vySOgUvFUVgOmBG4
MJ7zBfdxWRNoR3S8k41bIEsm7rOhCtvTQgz52RvxSuWkjiViktKjaCkEtna3DAgMB
AAGgADANBgkqhkiG9w0BAQUFAAQEARF6724aZ0w14CfHbULERBk5Mf08qe1zC
```

### download certificate dari thawte

```
root@bos:/opt/lampp/za4
htcacheclean      mysql.server      webazolver
htdbm             mysql_setpermission webpng
htdigest          mysqlshow         xgettext
htpasswd          mysqlslap         xml2-config
-----BEGIN CERTIFICATE-----
MIIEtDCCA5ygAwIBAgIQcyQU9zEesBF8gFs6xRvPXTANBgqhkiG9w0BAQUFADA8
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMVGhhd3R1LlCBJmMuMRYwFAYDVQQDEw1U
aGF3dGUGU1NMIENBMB4XDTEyMTEyMTEyMTEyMTEyMTEyMTEyMTEyMTEyMTEyMTEy
CzAJBgNVBAYTAk1EMRIwEAYDVQQIEw1FYXN0IEphdmExDzANBgNVBACUBkdY2XNp
azEnMCUGA1UEChQeUFQgU2VtZW4gR3Jlc2l1r1ChQ2XJzZXJvKSBuYmRiEAYD
VQQLFAlUZWtWbWluZm8xZjF1Y2VtZW4gR3Jlc2l1r1ChQ2XJzZXJvKSBuYmRiEAYD
SIB3DQEBAAQAA4IBDwAwggEKAoIBAQDLN2sXedAe+U6lqg7o1vJeny9Ww004UQfR
2/sYPTa1uSfCMHk3r2v7CfVBNjZMZ9Z5fs170QC1w2HvLzcuBqYy4DeoPL+IHxo
GuGo/UuU1zFL7XRU2KNkxESVsxEbnScklaXf14IEtjPsNncK5x4VMzLYTBOenGxU
IexcnKx1GEJE15Ik1dVqXReaUJQEj+IEHsPVK4K2/kLWeP2CKhKmfywdv/nv2Eu
OAlYdgwWQIas5u0uYNNAN0WZ/WPXvsZtBX8R2V0qSXxOA7X5d0XuunWMYP1SE4DzS
W/iBzo9oNPV4qMgm1w+B0OXWhMnNX47AYt6OuPZML77boVjHJpJvAgMBAAGjggFk
MIIBYDAYBgNVHREETAPgg1ib3Muc2dnbnAuY29tMAkGA1UdEwQCMAAwQgYDVDR0g
BDswOTA3BggpghkgBhvhFAQc2MCKwJwYIKwYBBQUHAgEwG2h0dHBzOi8vd3d3LnRo
YXN0ZS5jb20vY3BzLzA0BggNVHQ8BAf8EBAMCBAwHwYDVROjBBGwFoAUp6KDuzRF
QD381TBPERk+oQGf9tswOgYDVROjBDMwMTAvoC2gK4YpaHR0cDovL3N2ci1vdi1j
cmwudGhhd3R1LmNvbS9UaGF3dGUGU2VtZW4gR3Jlc2l1r1ChQ2XJzZXJvKSBuYmRi
CCsGAQUFBwMCMGKGCsGAQUFBwEBBF0wWzAiBggrBgEFBQcwAYYwAHR0cDovL29j
c3AudGhhd3R1LmNvbTA1BggrBgEFBQcwAoYpaHR0cDovL3N2ci1vdi1haWEudGhh
d3R1LmNvbS9UaGF3dGUGU2VtZW4gR3Jlc2l1r1ChQ2XJzZXJvKSBuYmRiEABWUW1Uwxyem
NqIMPk0wvnam89RBwFa82xymSj00QWlY38ouhM4AyU77a/dxBcVI2FHQ+at63Serq
k9bRKIP7SzaPjdPVccOkNK3/JmQydb/eEaAT3DBS4mi2xHnRwhL1Hlhy4rAQk1SS
IbPUffAFq48nb0r1K1KnACB517ciXWud0Pu9K0uGBJAUpNs7F43pkC89Echr54zE
4K0gw/m+yaEb8OzgsGgUut1X47+xiyvwUCqd1tVKep+Erkb9Lb82Ywpf1kZ3L3Fq
ZZR3gsP5oC/PvPt1XzZBah6m6VYyabd8L7C1dtLLXRYgJoJz8xGY0sBftCP/6FXJ
ii6rFwNzphw=
-----END CERTIFICATE-----
"bos.sggrp.com.cer" [New] 28L, 1692C written
[root@bos za4]#
```

## Tanggal 12/03/2013



```

[root@csms si]# openssl genrsa -out ./semenindonesia.com.key 2048
Generating RSA private key, 2048 bit long modulus
.....+++
.....+++
e is 65537 (0x10001)
[root@csms si]# openssl req -new -key ./semenindonesia.com.key -out ./semenindonesia.com.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
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-----
Country Name (2 letter code) [GB]:ID
State or Province Name (full name) [Berkshire]:Jawa Timur
Locality Name (eg, city) [Newbury]:Gresik
Organization Name (eg, company) [My Company Ltd]:PT Semen Indonesia (Persero) Tbk.
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, your name or your server's hostname) []:*.semenindonesia.com
Email Address []:zaenul@sg.semenindonesia.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@csms si]# ls
csms.semenindoensia.com.csr  semenindoensia.com.csr
csms.semenindonesia.com.key  semenindonesia.com.key

```

tanggal 13 Juni 2013

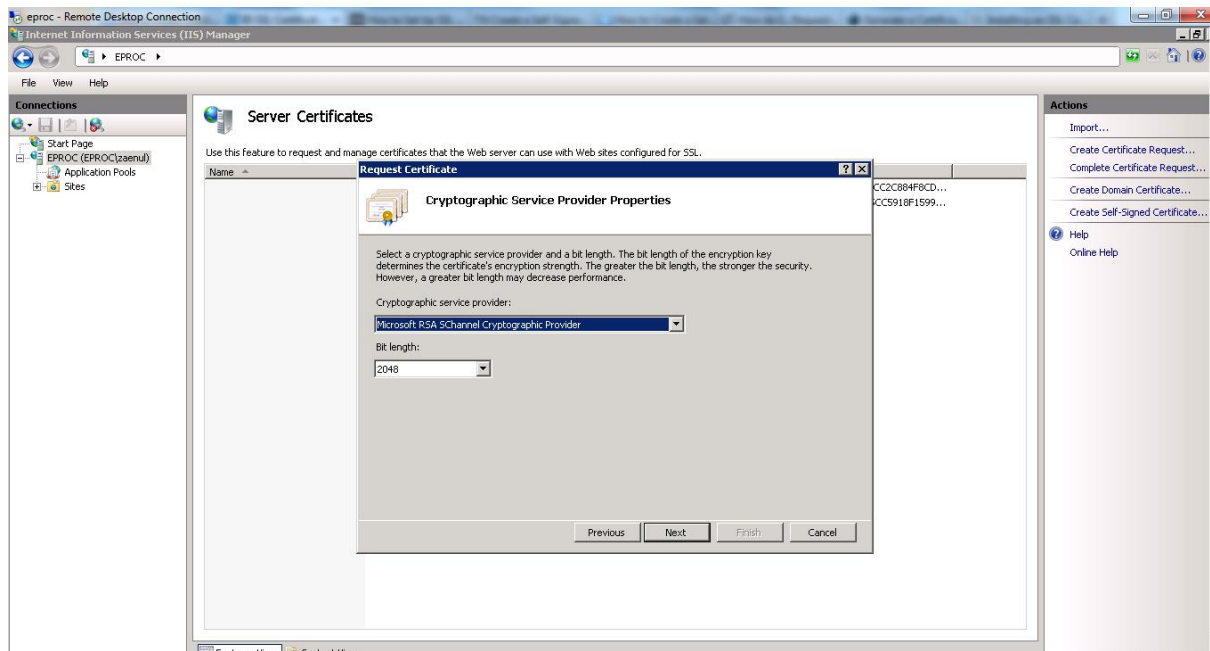
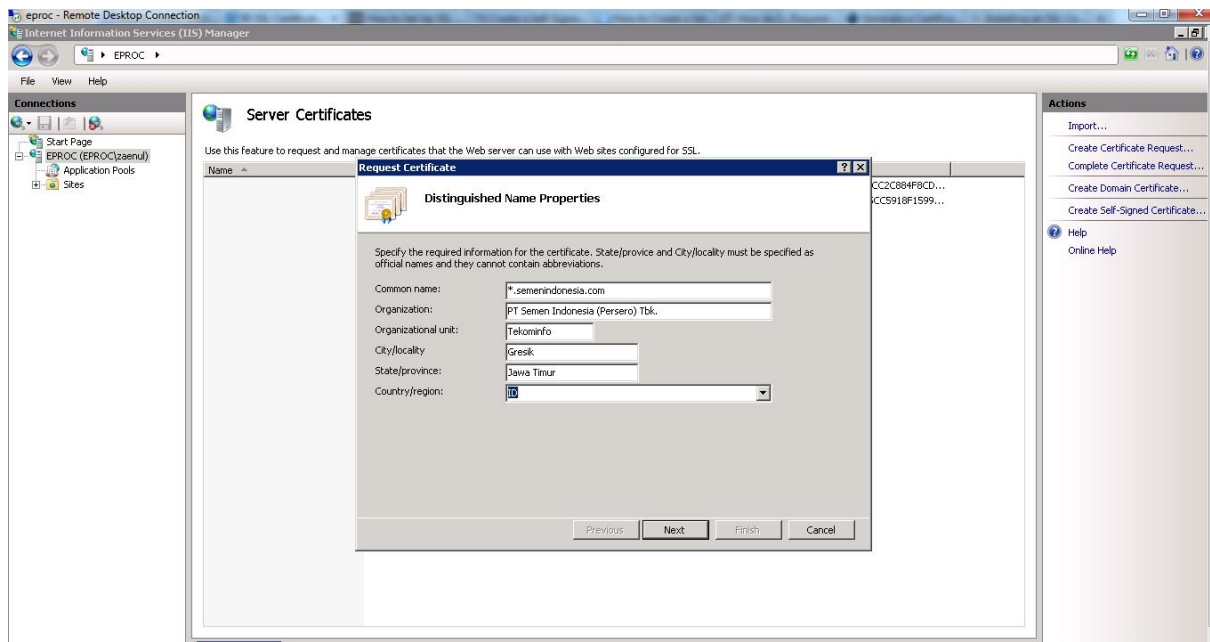
openssl genrsa -out ./semenindonesia.com.key 2048

```

[root@csms si]# ls
[root@csms si]# openssl genrsa -out ./semenindonesia.com.key 2048
Generating RSA private key, 2048 bit long modulus
.....+++
.....+++
e is 65537 (0x10001)
[root@csms si]# ls
semenindonesia.com.key
[root@csms si]# openssl req -new -key ./semenindonesia.com.key -out ./semenindonesia.com.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.
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State or Province Name (full name) [Berkshire]:Jawa Timur
Locality Name (eg, city) [Newbury]:Gresik
Organization Name (eg, company) [My Company Ltd]:PT Semen Indonesia (Persero) Tbk.
Organizational Unit Name (eg, section) []:Tekominfo
Common Name (eg, your name or your server's hostname) []:*.semenindonesia.com
Email Address []:zaenul@sg.semenindonesia.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@csms si]# date
Thu Jun 13 09:02:23 WIT 2013
[root@csms si]#

```





Generate ssl crm .semenindonesia.com

```
openssl genrsa -out ./semenindonesia.com.key 2048
```

```

root@appcrpm/opt/lampp/etc
httpd.conf.bak  openssl.cnf  php.ini-prei.7.2  webalizer.conf
locales.conf   openssl.cnf  pool.conf         webalizer.conf.sample
[root@appcrpm etc]# openssl genrsa -out ./semenindonesia.com.key 2048
Generating RSA private key, 2048 bit long modulus
.....+++
.....+++
e is 65537 (0x10001)
[root@appcrpm etc]# openssl req -new -key ./semenindonesia.com.key -out ./semenindonesia.com.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) [XX]:ID
State or Province Name (full name) []:East Java
Locality Name (eg, city) [Default City]:Gresik
Organization Name (eg, company) [Default Company Ltd]:PT Semen Indonesia (Persero) Tbk.
Organizational Unit Name (eg, section) []:ICT
Common Name (eg, your name or your server's hostname) []:*.semenindonesia.com
Email Address []:setyo.pambudi@semenindonesia.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
[root@appcrpm etc]# ls
extra      httpd.conf.bak  mime.types  openssl.cnf  php.ini      proftpd.conf  ssl.crt      webalizer.conf.sa
freetsd.conf  locales.conf  my.cnf      original     php.ini-prei.7.2  semenindonesia.com.csr  ssl.key      xampp
httpd.conf    magic         openssl.cnf  pear.conf   pool.conf    semenindonesia.com.key  webalizer.conf
[root@appcrpm etc]#

```

```
openssl req -new -key ./semenindonesia.com.key -out ./semenindonesia.com.csr
```

Meminta generate ssl ke digicert atau comodo

```
[root@appcrim/opt/lampp/etc]#  
Organizational Unit Name (eg, section) []:ICT  
Common Name (eg, your name or your server's hostname) []:*.semenindonesia.com  
Email Address []:setyo.pambudi@semenindonesia.com  
  
Please enter the following 'extra' attributes  
to be sent with your certificate request  
A challenge password []:  
An optional company name []:  
[root@appcrim etc]# ls  
extra          httpd.conf.bak  mime.types      openssl.cnf     php.ini         proftpd.conf    ssl.crt          webalizer.conf.sa  
freedts.conf   locales.conf    my.cnf          original        php.ini-pre1.7.2 semenindonesia.com.csr  ssl.key          xamppl  
httpd.conf     magic           openssl.dap     pear.conf       pool.conf       semenindonesia.com.key  webalizer.conf  
[root@appcrim etc]# more semenindonesia.com.csr  
-----BEGIN CERTIFICATE REQUEST-----  
MIIDAjCCAcCAQAwgbwxCzAJBgNVBAYTAklEMRIwEAYDVQQIDAlFYXN0IEphdmEx  
DzANBgNVBAcMBkdyZXNPazEGCgGAlUECgwUoFogU2VtZW46SWskb25lclhIChQZ  
XXJzZXJvK3BUYSYmsuMQwwCgYDVQQLDANJQ1QxHTABBgNVBAMMFmouc2VtZW5pbmRv  
bmVzaWEyYj29tcMS8wLQYUKoZIhvcNAQKBFIbZXRKSbyswYW1idWRpQHNIbWVuWA5k  
b25lc2llNmVnbTCCASIdWQYUKoZIhvcNAQEBAQDggEPADCCAQoCGgEBALRQ/U7o  
UNVYXsdKLsaaXy/J4sgtF4kyrz2Frgr/m4EOStfRoyzMt102iQgnRwKaLa74DQi  
zmwzcq69nCLYKIFvalYLAF57Rhbo42AtOyJpWy2dFTj6wLjtG7RxUxiaHxtjfLW  
uqLEecceBeP+8/hFtyAKJ/hjmHYJD+SIN1toE38GI/GOEhJKqZslsQOzSE+vZM6v  
65RDtDM26t7vWfDa+tDhn6uEnyxehPU41/m72VGAF6OZDhnXAdx2UaEFH7c2iZ6s  
cAPDZRI7jzfZRv6aarMbEOP753Ki1YWCcDhJ6I7VxF5Max4kE18aVA9IIkuzYrR  
R9e17RPDZVQ12dcCaWEAAaAMAOGCSqGSIB3DQEBBQUAA4IBAQBxxSmMjNApeVyb  
spu8MEVENobLlycWAisQDDF/OgV8Myx7jMf8+/uxjlbylLcemihlnusktI2KE5  
7Bdj8t5xygcHeDQawexDGh8rhqcXqCYQCXYbRjFF9bnLF68FzkGmA546pcesoon  
2PCk6HN7NzyhmCo6NxhbxKmGaD1NE+0jsdsqzlzRON6+ExB2K5Sri5dqO60qdPkiDiU  
ffRm3SP4hnmXIvCKiaMYIs6NgLhtqjW35xnOuFaF60kujhORgm+jfkhlM15VYH  
g/17hqdf+6tgMgl7yKtJ7/GULhiM5AYbMVVNjbHnsudbw3+DRCWPTSBRIDbNJ2Z  
wzMy2tfq  
-----END CERTIFICATE REQUEST-----  
[root@appcrim etc]#
```



```
root@appcrm/opt/lampp/etc
extra      locales.conf  openssl.cnf  php.ini      semenindonesia.com.csr  star_semenindonesia_com.crt
freetsds.conf  magic      openssl.cnf  php.ini-pre1.7.2  semenindonesia.com.key  webalizer.conf
httpd.conf    mime.types original      pool.conf      ssl.crt            webalizer.conf.sample
[root@appcrm etc]# ls -lat
total 304
drwxr-xr-x. 8 root root 4096 May 22 10:57 .
-rw-r--r--. 1 root root 1119 May 22 10:37 semenindonesia.com.csr
-rw-r--r--. 1 root root 1675 May 22 10:33 semenindonesia.com.key
-rw-r--r--. 1 root root 1716 May 21 21:54 DigiCertCA.crt
-rw-r--r--. 1 root root 1976 May 21 21:54 star_semenindonesia_com.crt
drwxr-xr-x. 2 root root 4096 Apr 13 09:16 extra
-rw-r--r--. 1 root root 69079 Apr 11 14:26 php.ini
-rw-r--r--. 1 root root 18820 Apr 11 12:30 httpd.conf
drwxr-xr-x. 2 root root 4096 Apr 11 12:08 xampp
drwxr-xr-x. 30 root root 4096 Apr 9 11:46 ..
-rw-r--r--. 1 root root 5075 Apr 9 11:45 my.cnf
-rw-r--r--. 1 root root 1728 Apr 9 11:45 proftpd.conf
-rw-r--r--. 1 root root 31001 Apr 9 11:45 php.ini-pre1.7.2
-rw-r--r--. 1 root root 23924 Apr 9 11:45 webalizer.conf
-rw-r--r--. 1 root root 18709 Apr 9 11:45 httpd.conf.bak
lrwxrwxrwx. 1 root root 28 Apr 9 11:45 openssl.cnf -> ../share/openssl/openssl.cnf
drwxr-xr-x. 2 root root 4096 Apr 9 11:44 ssl.crt
drwxr-xr-x. 2 root root 4096 Apr 9 11:44 openssl
drwxr-xr-x. 2 root root 4096 Apr 9 11:44 ssl.key
drwxr-xr-x. 3 root root 4096 Apr 9 11:44 original
-rw-r--r--. 1 root root 32109 Feb 13 2014 webalizer.conf.sample
-rw-r--r--. 1 root root 1118 Feb 13 2014 pear.conf
-rw-r--r--. 1 root root 1094 Feb 13 2014 freetsds.conf
-rw-r--r--. 1 root root 370 Feb 13 2014 locales.conf
-rw-r--r--. 1 root root 219 Feb 13 2014 pool.conf
-rw-r--r--. 1 root root 12959 Jun 20 2002 magic
-rw-r--r--. 1 root root 12381 Jun 20 2002 mime.types
[root@appcrm etc]#
```

Backup file csr ke folder yang sudah disiapkan dan memindahkan file .crt, .key dan .ca ke folder yang sudah disiapkan

```
[root@appcrm etc]# ls
DigiCertCA.crt  httpd.conf.bak  my.cnf      pear.conf      proftpd.conf  ssl.key      xampp
extra           locales.conf    openssl.cnf  php.ini-pre1.7.2  semenindonesia.com.csr  star_semenindonesia_com.crt
freetsds.conf  magic          openssl.cnf  php.ini-pre1.7.2  semenindonesia.com.key  webalizer.conf
httpd.conf     mime.types     original      pool.conf      ssl.crt       webalizer.conf.sample
[root@appcrm etc]# mkdir backupcsr
[root@appcrm etc]# mv semenindonesia.com.csr backupcsr/
[root@appcrm etc]# ls
backupcsr  httpd.conf  mime.types  original      pool.conf  ssl.key      xampp
DigiCertCA.crt  httpd.conf.bak  my.cnf      pear.conf      proftpd.conf  star_semenindonesia_com.crt
extra          locales.conf    openssl.cnf  php.ini-pre1.7.2  semenindonesia.com.key  webalizer.conf
freetsds.conf  magic          openssl.cnf  php.ini-pre1.7.2  ssl.crt       webalizer.conf.sample
[root@appcrm etc]# mv star_semenindonesia_com.crt ssl.crt
[root@appcrm etc]# mv semenindonesia.com.key ssl.key
[root@appcrm etc]# mv DigiCertCA.crt ssl.crt
[root@appcrm etc]#
```

Setting ssl di webservice yang dipakai

Kalau lampp di https-ssl.conf dan bila memakai httpd di ssl.conf

```
root@appcrm/opt/lampp/etc/extra
# can configure both in parallel (to also allow the use of DSA
# ciphers, etc.)
# Some ECC cipher suites (http://www.ietf.org/rfc/rfc4492.txt)
# require an ECC certificate which can also be configured in
# parallel.
#SSLCertificateFile "/opt/lampp/etc/ssl.crt/server.crt"
#SSLCertificateFile "/opt/lampp/etc/server-dsa.crt"
#SSLCertificateFile "/opt/lampp/etc/server-ecc.crt"
SSLCertificateFile "/opt/lampp/etc/ssl.crt/star_semenindonesia_com.crt"

# Server Private Key:
# If the key is not combined with the certificate, use this
# directive to point at the key file. Keep in mind that if
# you've both a RSA and a DSA private key you can configure
# both in parallel (to also allow the use of DSA ciphers, etc.)
# ECC keys, when in use, can also be configured in parallel
#SSLCertificateKeyFile "/opt/lampp/etc/ssl.key/server.key"
#SSLCertificateKeyFile "/opt/lampp/etc/server-dsa.key"
#SSLCertificateKeyFile "/opt/lampp/etc/server-ecc.key"
SSLCertificateKeyFile "/opt/lampp/etc/ssl.key/semenindonesia.com.key"

# Server Certificate Chain:
# Point SSLCertificateChainFile at a file containing the
# concatenation of PEM encoded CA certificates which form the
# certificate chain for the server certificate. Alternatively
# the referenced file can be the same as SSLCertificateFile
# when the CA certificates are directly appended to the server
# certificate for convenience.
#SSLCertificateChainFile "/opt/lampp/etc/server-ca.crt"
SSLCertificateChainFile "/opt/lampp/etc/ssl.crt/DigiCertCA.crt"

Certificate Authority (CA):
```



SSLCertificateFile "/opt/lampp/etc/ssl.crt/star\_semenindonesia\_com.crt"

SSLCertificateKeyFile "/opt/lampp/etc/ssl.key/semenindonesia.com.key"

SSLCertificateChainFile "/opt/lampp/etc/ssl.crt/DigiCertCA.crt"

Simpan setingan kemudian restart apache lamp