

Apache Server Install Certificate

- Guided version of this document other than the information content and if you are using a version may be different.

	Title	<h1>Apache Server Install Certificate</h1>	

► Apache Server Install Certificate

Apache Version1.x : **httpd.conf**
 Apache Version2.x : **ssl.conf**
 Apache version2.2x : **httpd-ssl.conf**.

** Apache Server Install Certificate

Obtain a certificate by email

-----BEGIN CERTIFICATE-----

```
JIEBSDSCEXoCHQEwLQMJSOZILvoNVQECSQAwcSETMRkoAMUTBhMuVrMmIoAnBdNVBAoTF1JTQS
BEYXRhIFNlY3VyaXR5LlCBJmMuMRwwGgYDVQQLEXNQZXJzb25hIENlcnRpZmljYXRIMSQwlgYDVQ
QDEExtPcGVuIE1hcmtldCBUZXR0IFNlcnZlciAxMTAwHhcNOTUwNzE5MjAyNzUwMjYwNTE0MjYw
AyOTUwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYwMjYw
DAABgNVBASTE1BlcnNvbWVhZGQ2VydGImaWNhdGUxJDAiBgNVBAMTG09wZW4gTWVya2V0IFRlc3Qg
U2VydMvYlDExMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEwMDEw
kD1iN3sEPfSTGxNJXY58XH3JoZ4nrF7mlfvpghNi1taYimvvhbBPNqYe4yLPAGMBAAEwDQYJKoZIhvcNA
QECBQADQQBqyCpws9EaAjKKAefuNP+z+8NY8khckgyHN2LLpfhv+iP8m+bF66HNDUIFz8ZrVOu3W
QapglPV90klSkNKXX3a
```

-----END CERTIFICATE-----

1. Copy Certificate

Include -----BEGIN CERTIFICATE & END CERTIFICATE-----

2. Save Certificate(Cert.pem)

	Title Apache Server Install Certificate

► Modified Apache Conf.

3. Apache Modified (httpd.conf or httpd-ssl.conf)

Ex)

```
<VirtualHost _default_:443>  
  DocumentRoot "/xxx/html"  
  ServerName www.xxx.co.kr  
  ServerAdmin admin@xxx.co.kr  
  SSLEngine on
```

```
SSLProtocol -all +SSLv3 +TLSv1
```

```
SSLCipherSuite SSLv3:+HIGH:+MEDIUM
```

```
SSLCertificateFile /usr/local/apache/conf/ssl/cert.pem (Certificate File)
```

```
SSLCertificateKeyFile /usr/local/apache/conf/ssl/key.pem (Key File)
```

```
SSLCACertificateFile /usr/local/apache/conf/ssl/Name-Chain.pem (Chain-Certificate File)
```

```
</VirtualHost>
```

4. Restart Apache Server

```
$ apachectl startssl (Apache 2.2.x : apachectl start)
```

Title	
<h1>Apache Server Install Certificate</h1>	

► Check SSL

5. Check SSL Port(default - 443)

\$ netstat -na | grep 443

```
[root@168 bin]# netstat -na | grep 443
tcp        0      0  :::443                :::*                    LISTEN
unix  3      [ ]          STREAM  CONNECTED  543443 /tmp/orbit-root/linc-ca4-0-674efd6
510ec
[root@168 bin]#
```

6. Check SSL Page (https://URL)

