```bash
#!/bin/bash
#
###################################################################
#
#    Name:          Apache_config.sh
#    Author:        Chris Fedun 25/02/2017
#    Description:   Apache Configuration
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#
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###################################################################
My_Cert="/etc/ssl/My_Certs/certs/mailserver_crt.pem"
My_Key="/etc/ssl/My_Certs/private/mailserver_key.pem"
domain_name=$1
#####Main


#Enable the SSL encryption module and the Rewrite module
a2enmod rewrite ssl

#Enable the virtual host for HTTPS
a2ensite default-ssl

#create HTTPtoHTTPS Rewrite
sed -i "
    s|\t\#ServerName www.example.com|\t\#ServerName www.example.com\n\tRewriteEngine
    On\n\tRewriteCond %{HTTPS} off\n\tRewriteRule (.*) https://%{SERVER_NAME}/\$1 [R,L]|
" /etc/apache2/sites-available/000-default.conf

#Set Certificate location
sed -i "
    /\t\tSSLCertificateFile\t\/etc\/ssl\/certs\/ssl-cert-snakeoil.pem/ {
        N
            /\t\tSSLCertificateKeyFile \/etc\/ssl\/private\/ssl-cert-snakeoil.key/ {
                N

                s:\t\tSSLCertificateFile\t/etc/ssl/certs/ssl-cert-snakeoil.pem\n\t\tSSLCertif
                icateKeyFile
                /etc/ssl/private/ssl-cert-snakeoil.key:\t\t\#SSLCertificateFile\t/etc/ssl/cer
                ts/ssl-cert-snakeoil.pem\n\t\t\#SSLCertificateKeyFile
                /etc/ssl/private/ssl-cert-snakeoil.key\n\t\tSSLCertificateFile\t$My_Cert\n\t\
                tSSLCertificateKeyFile $My_Key:
            }
    }


" /etc/apache2/sites-available/default-ssl.conf

#Change Max Upload size to 20Mb
sed -i 's/\(^upload_max_filesize = \).*/\120M/' /etc/php5/apache2/php.ini

#Backup original Apache configureation file
cp /etc/apache2/apache2.conf /etc/apache2/apache2.conf_orig

#allow asterisk user access
```

```
sed -i 's/^\(User\|Group\).*/\1 asterisk/' /etc/apache2/apache2.conf
sed -i 's/AllowOverride None/AllowOverride All/' /etc/apache2/apache2.conf

service apache2 reload

exit

####### END :) #######
```

```
sed -i 's/^\(User\|Group\).*/\1 asterisk/' /etc/apache2/apache2.conf
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service apache2 reload
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