echo "I have a simple non-ssl host"
I have a simple non-ssl host

echo "I have a simple non-ssl host"
I have a simple non-ssl host
cat /etc/apache2/sites-enabled/000-default.conf
peanut.theGummibear.com.conf
cat /etc/apache2/sites-enabled/peanut.theGummibear.com.conf
<VirtualHost 144.38.196.12:80>
  ServerName peanut.theGummibear.com
  DocumentRoot /var/www/html/peanut
</VirtualHost>
This is peanut
# apt-get install software-properties-common
root@joe-ubuntu-12:~# apt-add-repository ppa:certbot/certbot
root@joe-ubuntu-12:~# apt-get update
# apt-get install python-certbot-apache
root@joe-ubuntu-12:~# letsencrypt
$ letsencrypt
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Enter email address (used for urgent renewal and security notices) (Enter 'c' to cancel): joe@cs.dixie.edu
Starting new HTTPS connection (1): acme-v01.api.letsencrypt.org

Please read the Terms of Service at https://letsencrypt.org/documents/LE-SA-v1.1.1-August-1-2016.pdf. You must agree in order to register with the ACME server at https://acme-v01.api.letsencrypt.org/directory

(A)gree/(C)ancel: A
Saving debug log to /var/log/letsencrypt/letsencrypt.log
Enter email address (used for urgent renewal and security notices) (Enter 'c' to cancel): joe@cs.dixie.edu
Starting new HTTPS connection (1): acme-v01.api.letsencrypt.org

Please read the Terms of Service at https://letsencrypt.org/documents/LE-SA-v1.1.1-August-1-2016.pdf. You must agree in order to register with the ACME server at https://acme-v01.api.letsencrypt.org/directory

(Agree/(C)ancel: A

Would you be willing to share your email address with the Electronic Frontier Foundation, a founding partner of the Let's Encrypt project and the non-profit organization that develops Certbot? We'd like to send you email about EFF and our work to encrypt the web, protect its users and defend digital rights.

(Y)es/(N)o: N
Please read the Terms of Service at https://letsencrypt.org/documents/LE-SA-v1.1.1-August-1-2016.pdf. You must agree in order to register with the ACME server at https://acme-v01.api.letsencrypt.org/directory

(Agree/(C)ancel: A

Would you be willing to share your email address with the Electronic Frontier Foundation, a founding partner of the Let's Encrypt project and the non-profit organization that develops Certbot? We'd like to send you email about EFF and our work to encrypt the web, protect its users and defend digital rights.

(Y)es/(N)o: N

Which names would you like to activate HTTPS for?

1: joe-ubuntu-12.cs.dixie.edu
2: peanut.thegummibear.com

Select the appropriate numbers separated by commas and/or spaces, or leave input blank to select all options shown (Enter 'c' to cancel): 2
Performing the following challenges:
  tls-sni-01 challenge for peanut.thegummibear.com
Enabled Apache socache_shmcb module
Enabled Apache ssl module
Waiting for verification...
Cleaning up challenges
Created an SSL vhost at /etc/apache2/sites-available/peanut.thegummibear.com-le-ssl.conf
Enabled Apache socache_shmcb module
Enabled Apache ssl module
Deploying Certificate for peanut.thegummibear.com to VirtualHost /etc/apache2/sites-available/peanut.thegummibear.com-le-ssl.conf
Enabling available site: /etc/apache2/sites-available/peanut.thegummibear.com-le-ssl.conf

Please choose whether or not to redirect HTTP traffic to HTTPS, removing HTTP access.

1: No redirect – Make no further changes to the webserver configuration.
2: Redirect – Make all requests redirect to secure HTTPS access. Choose this for new sites, or if you're confident your site works on HTTPS. You can undo this change by editing your web server's configuration.

Select the appropriate number [1-2] then [enter] (press 'c' to cancel):
This is peanut
# echo "Yay, it's secure"
Yay, it's secure

root@joe-ubuntu-12:~#
# see what the script did

```
[root@joe-ubuntu-12:/etc/apache2/sites-enabled# echo "see what the script did"
```

```
[root@joe-ubuntu-12:/etc/apache2/sites-enabled# cat
000-default.conf
peanut.the.gummi.bear.com-le-ssl.conf
peanut.the.gummi.bear.com.conf
```

```
[root@joe-ubuntu-12:/etc/apache2/sites-enabled# cat peanut.the.gummi.bear.com
```
# echo "see what the script did"

cat 000-default.conf peanut.thegummibear.com-le-ssl.conf

cat peanut.thegummibear.com.conf

No such file or directory

<VirtualHost 144.38.196.12:80>
  ServerName peanut.thegummibear.com
  DocumentRoot /var/www/html/peanut
  RewriteEngine on
  RewriteCond %{SERVER_NAME} =peanut.thegummibear.com
  RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI} [END,NE,R=permanent]
</VirtualHost>
root@joe-ubuntu-12:/etc/apache2/sites-enabled# ls
000-default.conf peanut.thegummibear.com-le-ssl.conf
peanut.thegummibear.com.conf

root@joe-ubuntu-12:/etc/apache2/sites-enabled# cat peanut.thegummibear.com-le-ssl.conf

<IfModule mod_ssl.c>
<VirtualHost 144.38.196.12:443>
  ServerName peanut.thegummibear.com
  DocumentRoot /var/www/html/peanut
  SSLCertificateFile /etc/letsencrypt/live/peanut.thegummibear.com/fullchain.pem
  SSLCertificateKeyFile /etc/letsencrypt/live/peanut.thegummibear.com/privkey.pem
  Include /etc/letsencrypt/options-ssl-apache.conf
</VirtualHost>
</IfModule>

root@joe-ubuntu-12:/etc/apache2/sites-enabled# echo "It created that conf file"
It created that conf file

root@joe-ubuntu-12:/etc/apache2/sites-enabled#