Document of SSL sertificate on RedHat httpd server

1. **First of all we are Install the the SSL related packages.**
   yum install httpd -y
   yum install openssl mod_ssl -y
2. **Create SSL key and certificat -**
   openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout key_name.key -out key_name.crt

3. **Copy *.crt and *.key on SSL certificate path -**

   cp key.crt /etc/pki/tls/certs

   cp key.key /etc/pki/tls/private

4. **After this configuration we are go to the SSL configuration file /etc/httpd/conf.d/ssl.conf and change SSLCertificateFile key.crt name and change SSLCertificateKeyFile key.key**

5. **Create SSL file in /etc/httpd/conf.d/*.conf**

   <virtualhost *:443>
   SSLEngine on
   SSLCertificateFile /etc/pki/tls/certs/nitin.crt
   SSLCertificateKeyFile /etc/pki/tls/private/nitin.key
   servername www.hello.in
   documentroot /var/www/html/nitin
   </virtualhost>
   <directory /var/www/html>
   authtype basic
   authname nitin
   authuserfile /etc/httpd/.htpasswd
   require valid-user
   </directory>

6. Restart own server
   systemctl restart httpd