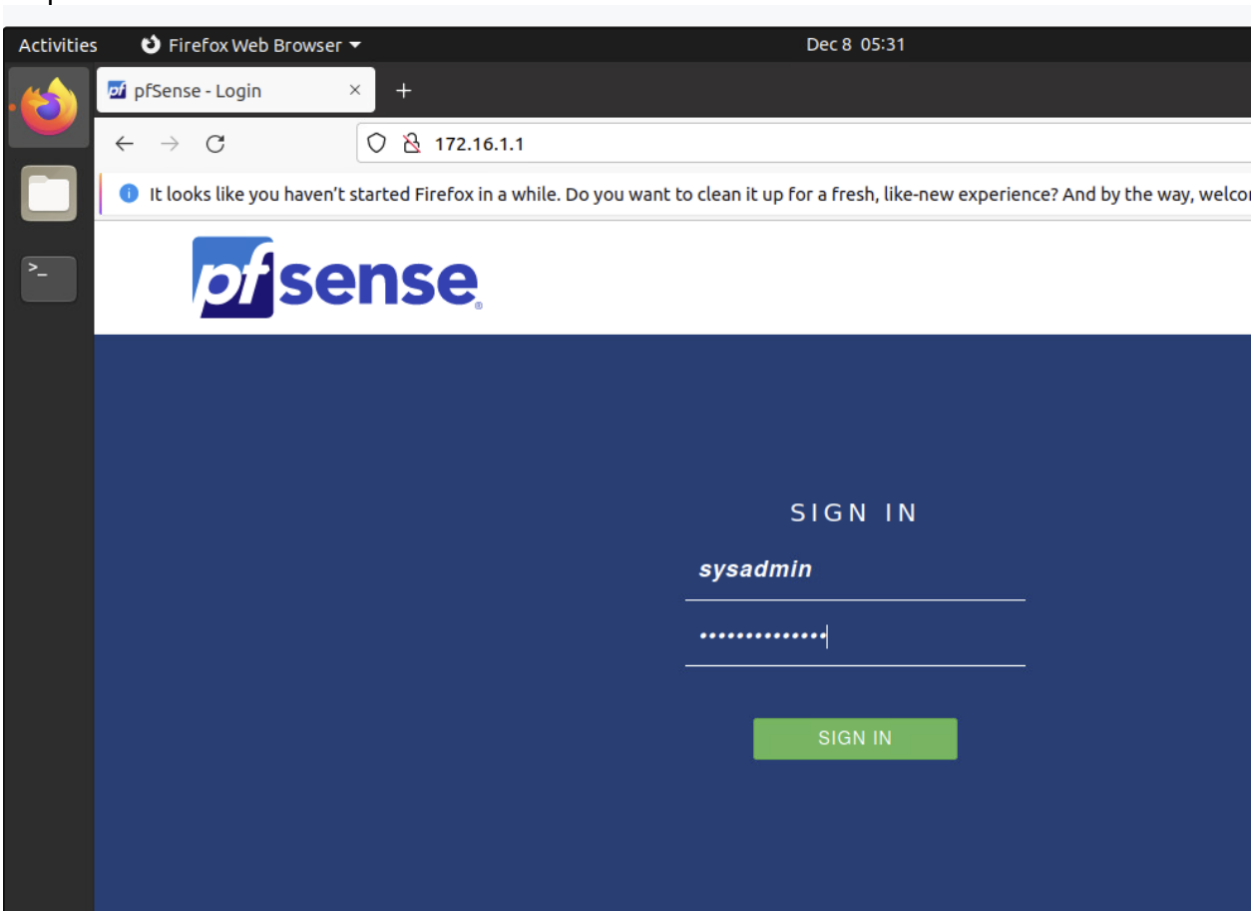
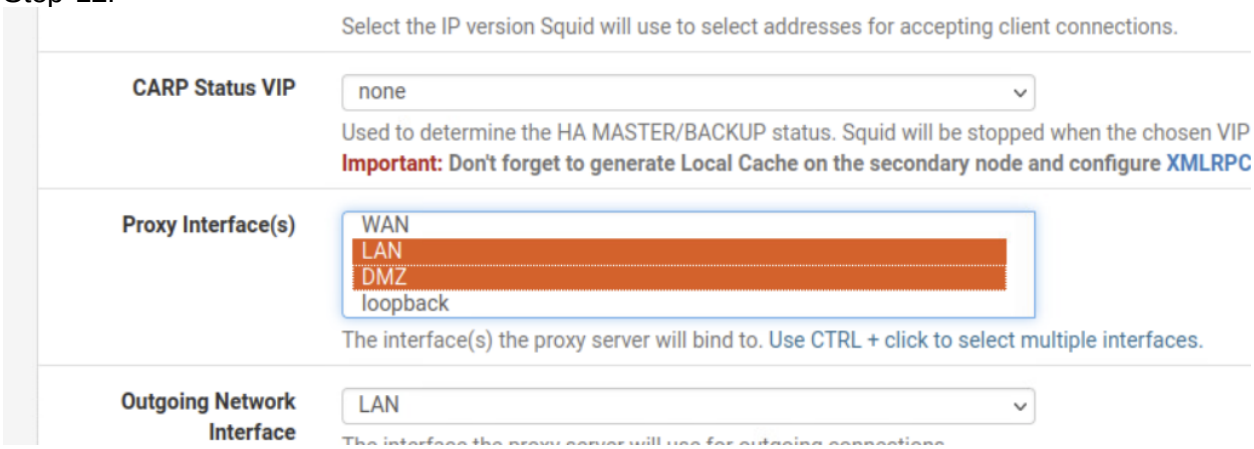
Peter Sanford
IT 2700
NetLab Lab 15
12/07/2023

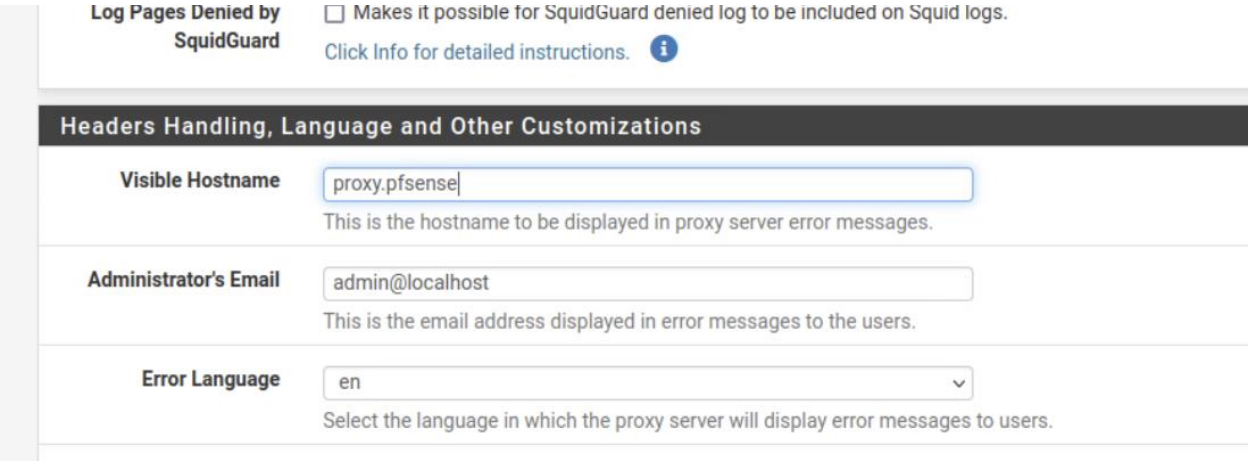
1.1
Step 5:



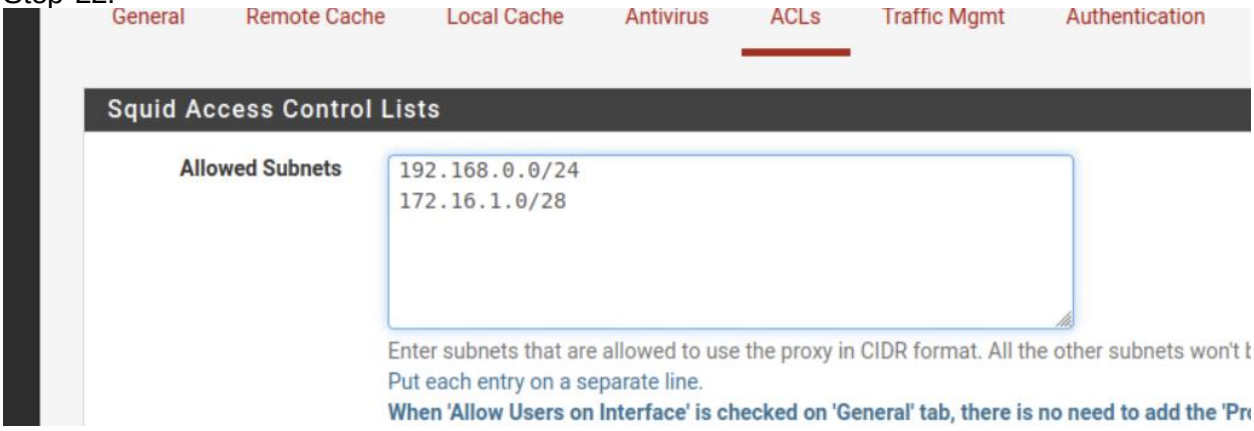
Step 12:



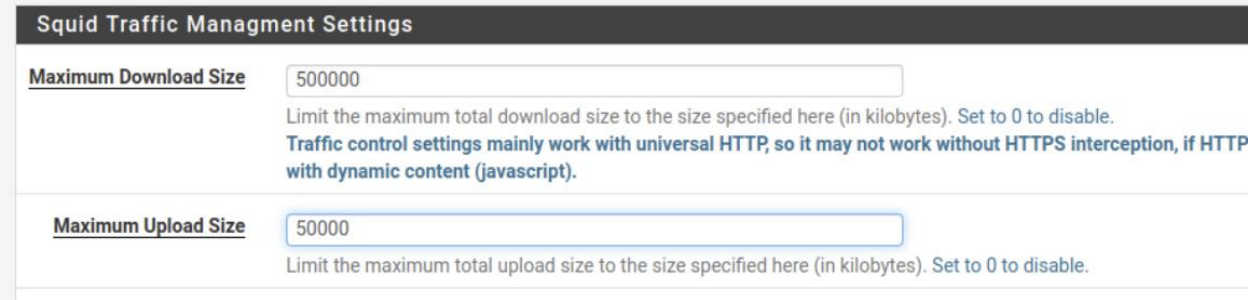
Step 19:



Step 22:

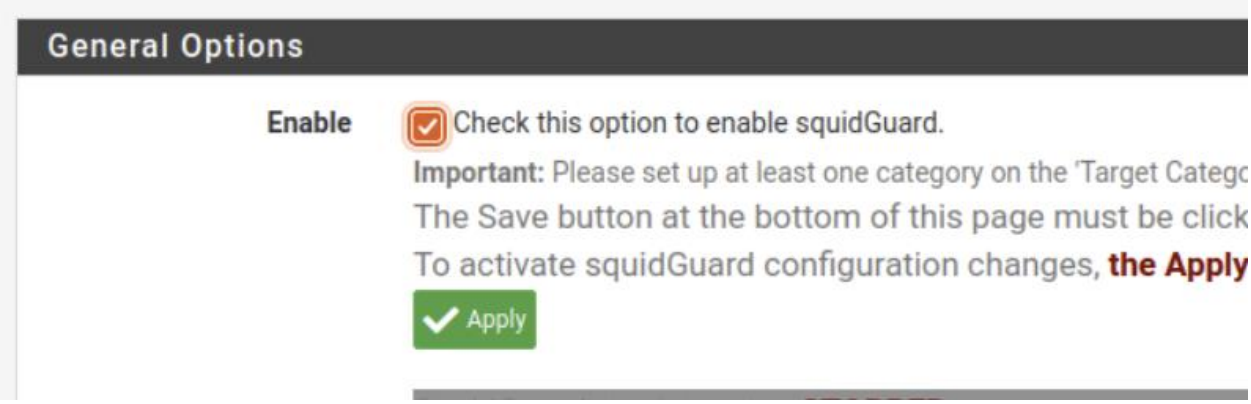


Step 27:

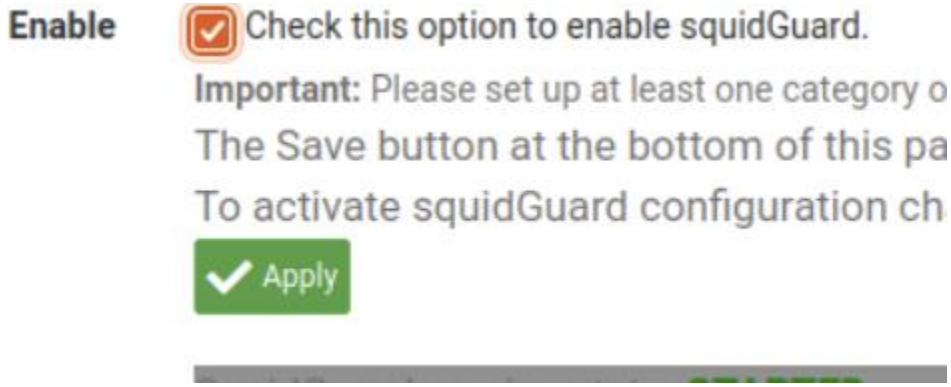


1.2

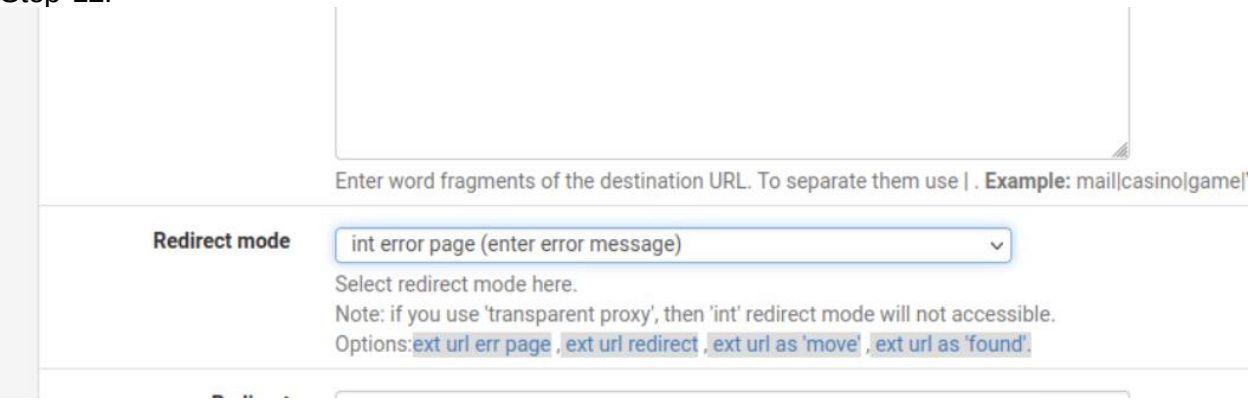
Step 2:



Step 6:



Step 12:



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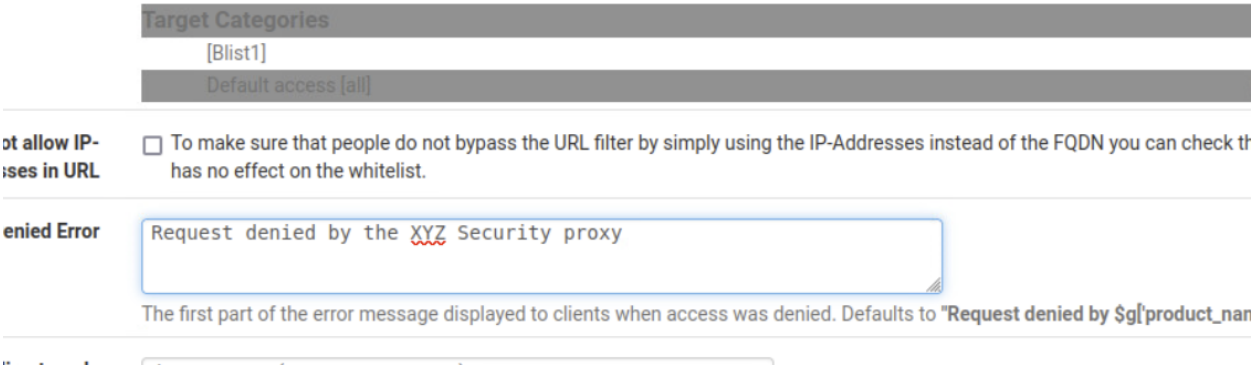
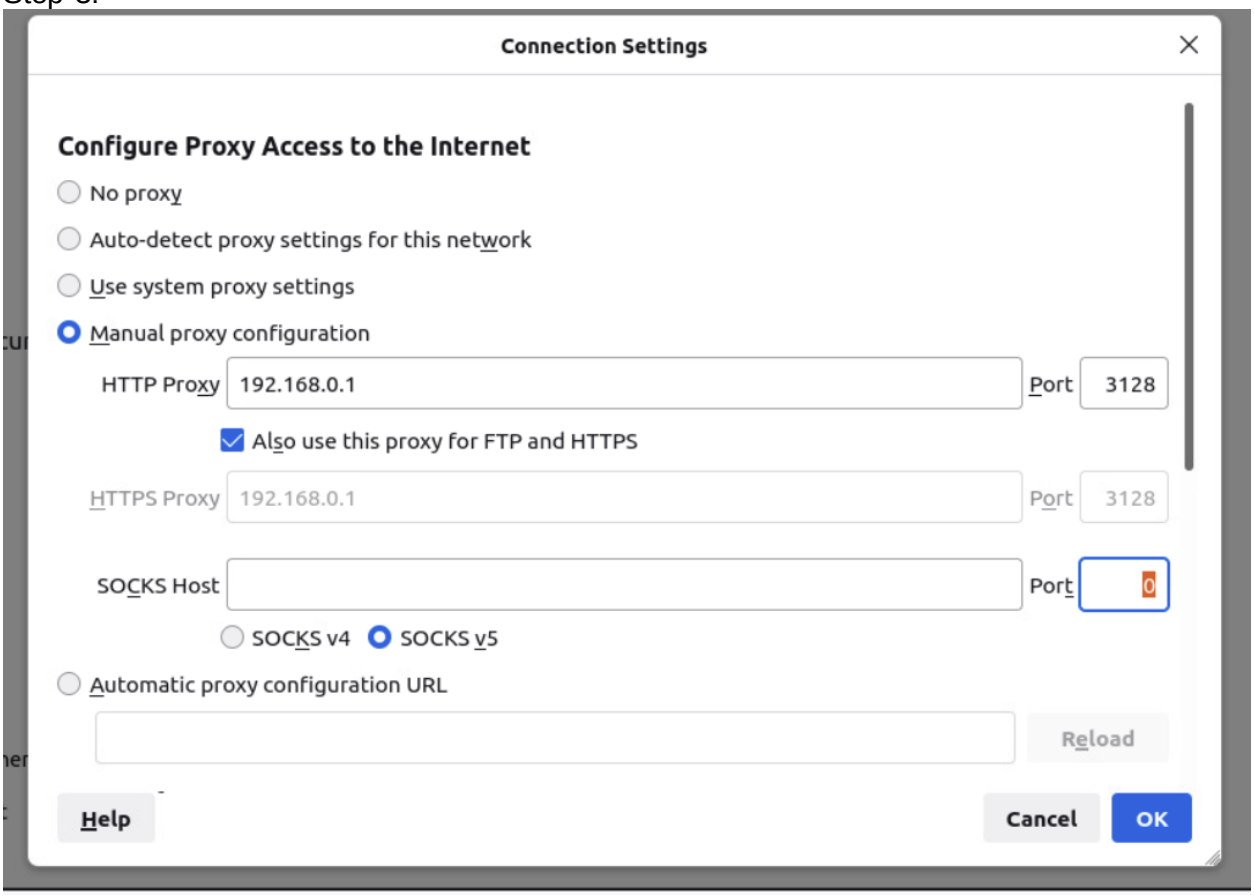


1.3

Step 3:

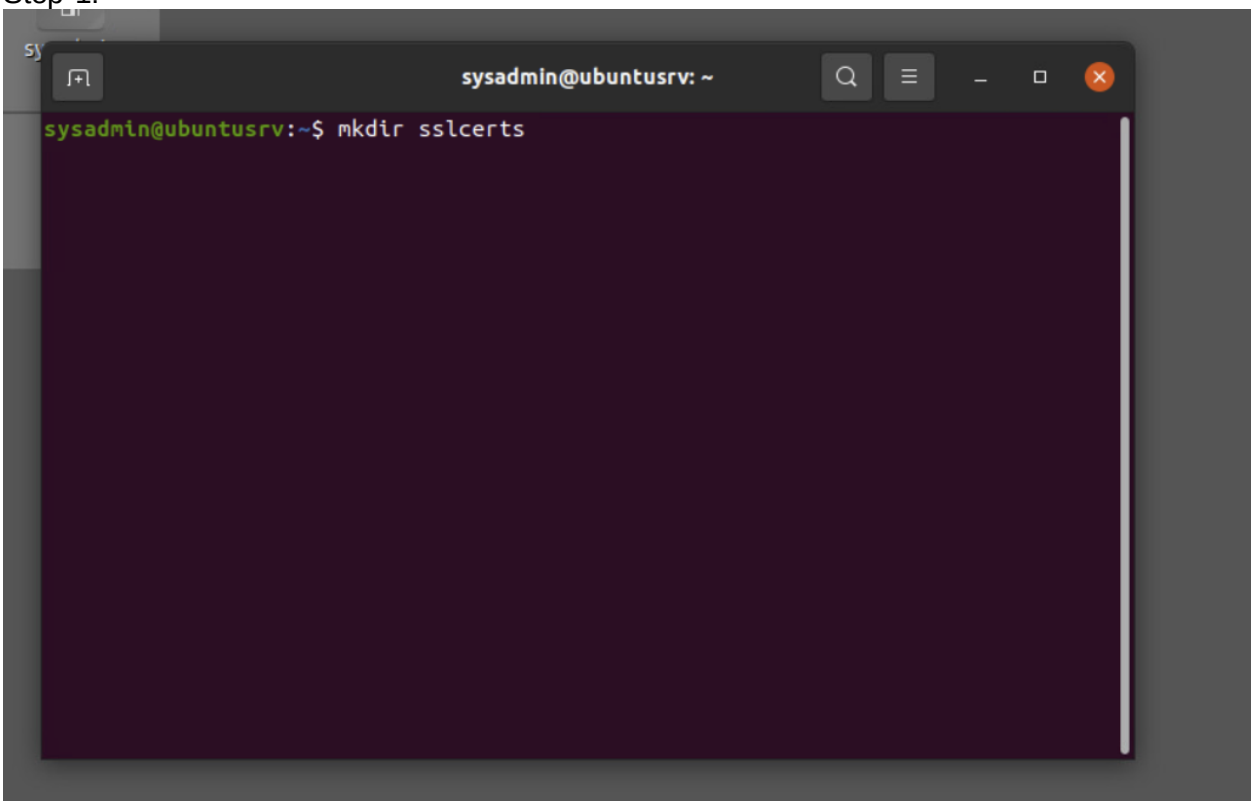

Connection Settings
Configure Proxy Access to the Internet
No proxy
Auto-detect proxy settings for this network
Use system proxy settings
Manual proxy configuration
HTTP Proxy
192.168.0.1
Port
3128
Also use this proxy for FTP and HTTPS
HTTPS Proxy
192.168.0.1
Port
3128
SOCKS Host
Port
0
SOCKS v4
SOCKS v5
Automatic proxy configuration URL
Reload
Help
Cancel
OK

Step 5:

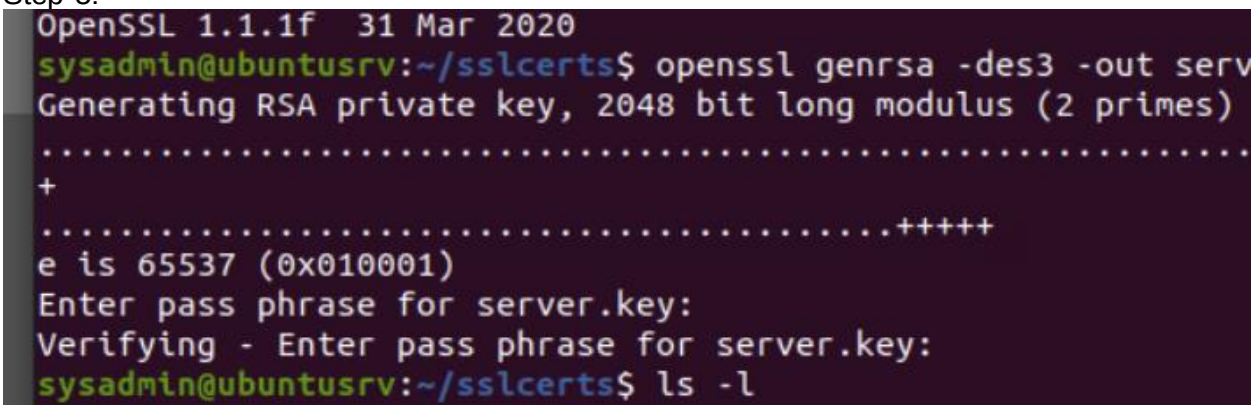

squidGuard Error page
Firefox Web Browser
casino.com
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like
Request denied by the XYZ Security proxy: 403 Forbidden
; Reason:
Client address: 172.16.1.10
Client name: 172.16.1.10
Client group: default
Target group: Blist1
URL: http://casino.com/

2.1

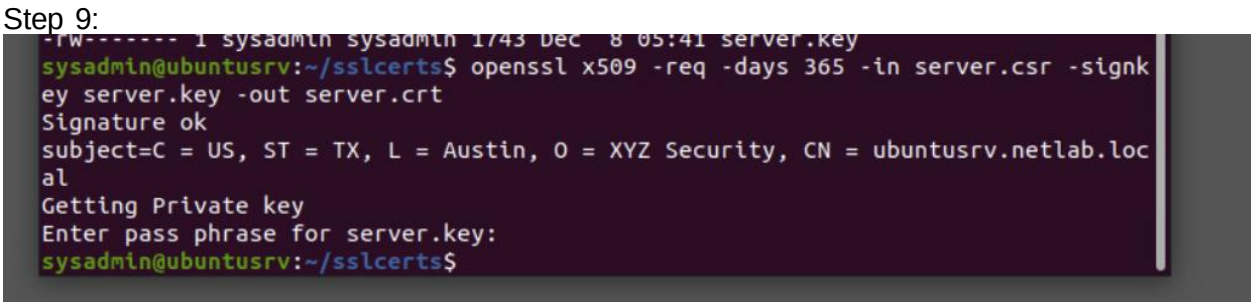
Step 1:



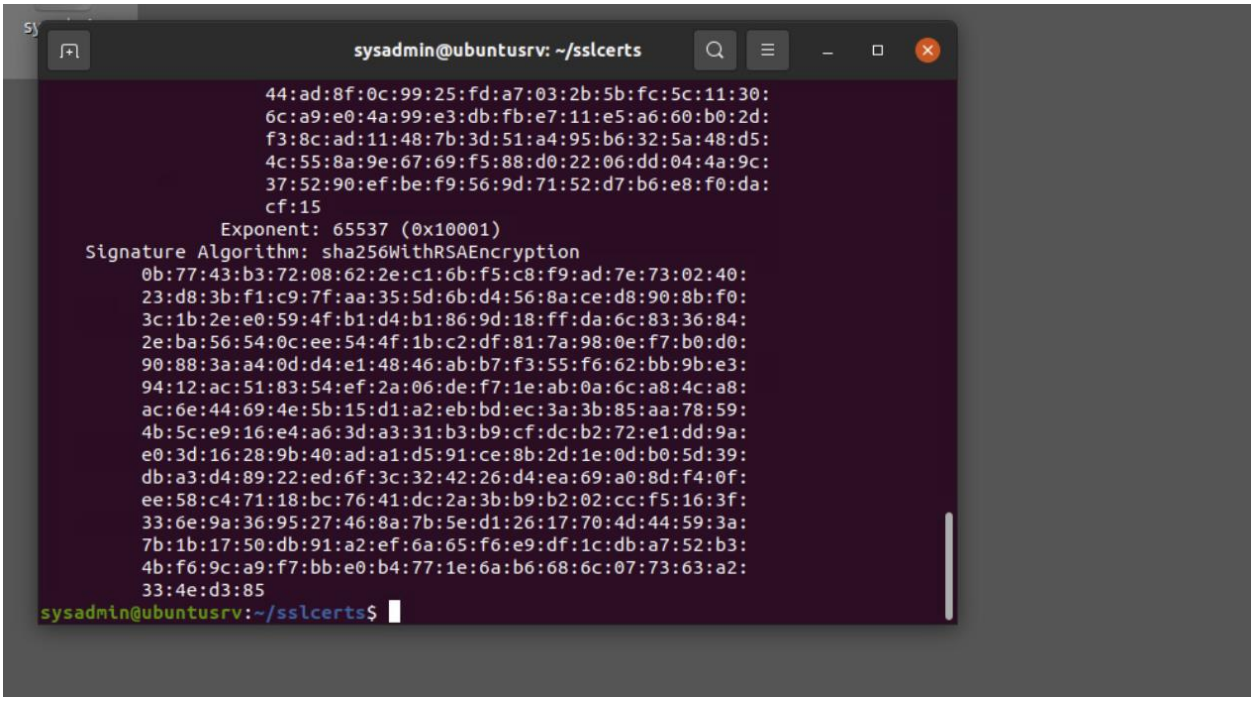
Step 5:



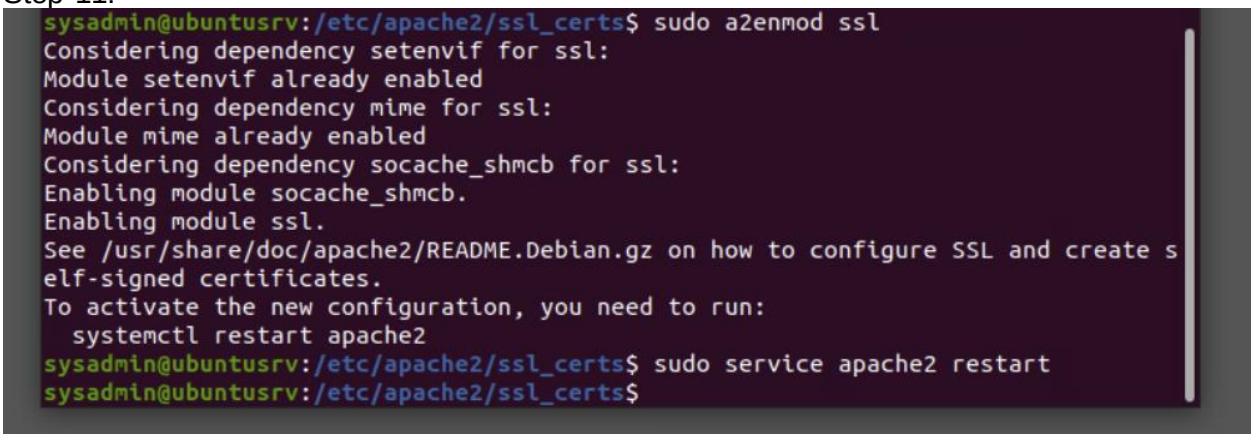
Step 9:



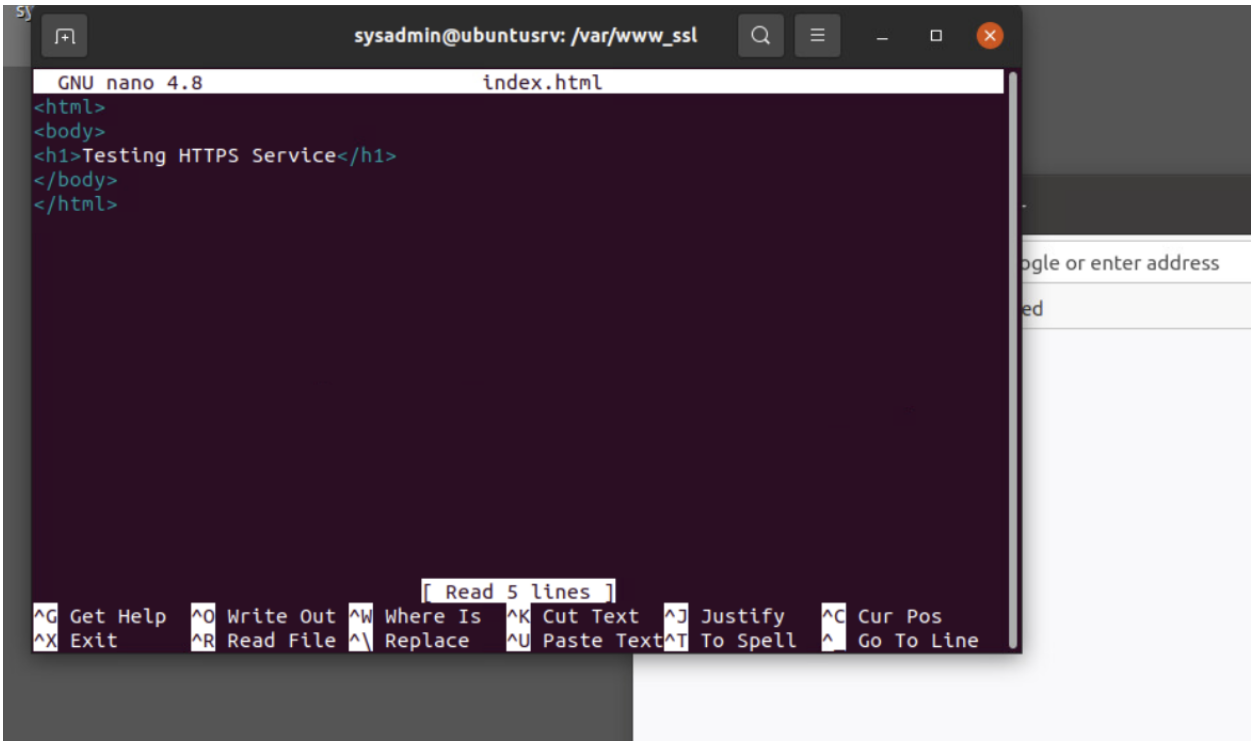
Step 11:



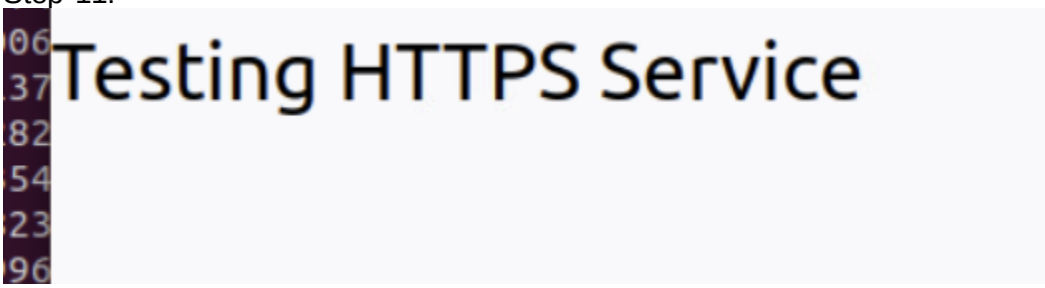
2.2
Step 11:



2.3
Step 3:



Step 11:



Commentary:

In this lab we looked at proxy servers and implementing secure protocols. I learned that it can be a little complicated making everything go through a proxy server but can give you a lot of control over the packets and the users. I also learned that secure protocols are a great way to increase your security without too much hassle. Knowing this information, companies can use proxy servers and secure protocols to gain more control over the security and also maintain security best practices using the most up-to-date protocols.