1. **Most of the admin wants to install squid to give restricted internet access to their clients computers.**

***Now install package***

*yum install squid -y*

*systemctl start squid*

*systemctl enable squid*

***There are many ways to block specific domain name in squid proxy server.***

***Domains which you want to block can be blocked by written in a squid configuration file.***

***Now Create a file called bad-domains and then specify the path of this file in ACL to block websites in squid proxy.***

*vi /etc/squid/bad-domains.txt*

***Add bad domains as given below.***

*www.yahoo.com*

*www.gmail.com*

*www.youtube.com*

*www.facebook.com*

***Now add ACL to filter URL by checking our bad list and then deny access with http\_access see below:***

*vi /etc/squid/squid.conf*

*Add these lines in ACL Section*

*acl bad-domains dstdomain "/etc/squid/bad-domains.txt"*

*http\_access deny bad-domains*

*systemctl restart squid*

***If you don't want to make directory to block websites list then you can directly add the website domain in /etc/squid/squid.conf***

*vi /etc/squid/squid.conf*

*acl bad-domains dstdomain .gmail.com .oyo.com .zoomcar.com*

*http\_access deny bad-domains*

*service squid restart*

***Now At Windows***

***Now open up chrome browser on client computer and point squid server IP in proxy settings with 3128 port.***

*Click the* ***Triple dot*** *button and then* ***select Settings****.*

*you see the "****advanced****" link and then click on it.*

*then click on "****Accessibility****"*

*you can see "****Open proxy settings****"*

*On the Internet Properties window, click on the "****LAN settings****" button.*

*In the LAN Settings, uncheck the box that says "****Automatically detect settings****." And then, in the Proxy Server section, click the checkbox to enable "****Use a proxy server for your LAN****..."*

*In the Address field, enter the IP Address of your Proxy Server, and the Proxy Server Port Number in the Port field.*

***Press the OK button and then press OK again to save your settings.***

***Then type in search bar facebook.com***