

- I. Install squid (if required).
- II. How to start/restart/stop squid service.
- III. Change browser proxy setting to use squid proxy.
- IV. squid configuration file is located in /etc/squid. Any modifications to squid configuration file needs squid service restart.
- V. Keep a copy of squid configuration file.
- VI. List of assignments to complete(configuration file to be restored to original before starting with each assignment.) – Non Transparent Proxy mode.
 1. Check that all websites (http and https) are accessible.
 2. Block Amazon and Flipkart.
 3. Block all websites except Amazon and Flipkart.
 4. Block all websites between 9 am to 5 pm. (Since the lab is scheduled between 2 to 5 pm , all websites should be blocked).
 5. Change block timing to 9 am to 1 pm. (All websites should be accessible now).
 6. Block access to Amazon and Flipkart between 2 to 5 pm. Allow all other sites.
 7. Create three users, Alice, Bob, Darth.
 8. Allow access to all websites only after user authentication.
 9. Allow access to Amazon and Flipkart only after user authentication. Allow free access to other sites.
 10. Allow Access to Amazon and Flipkart without authentication. Other sites need user to be authenticated.
 11. Allow Alice to access only Amazon and Flipkart. Allow Bob to access only YouTube and Twitter. No access to Darth. No access without user authentication.
 12. Allow Alice access to Amazon and Flipkart only between 1 to 2pm, rest all the time. Allow Bob access to YouTube and Twitter only between 5 to 6 pm., rest all the time. Allow Darth to access the four websites all the time and nothing else.
 13. Same as above. Allow Darth to access all websites at all times.

