Part 1)

2)

acl blacklist dstdomain www.amazon.com www.flipkart.com

http\_access deny blacklist

http\_access allow all

3)

http\_access allow blacklist

http\_access deny all

4)

acl blocktime time 9:00-17:00

http\_access deny blocktime

http\_access allow all

5)

acl blocktime time 9:00-13:00

http\_access deny blocktime

http\_access allow all

6)

acl blacklist dstdomain www.amazon.com www.flipkart.com

acl blocktime time 14:00-17:00

http\_access deny blacklist blocktime

http\_access allow all

7)

# install httpd-tools

cd /etc/squid/

htpasswd -c passwd alice # passwd is file name

htpasswd passwd bob

htpasswd passwd darth

8)

auth\_param basic program /usr/lib64/squid/basic\_ncsa\_auth /etc/squid/passwd

# to find path of ncsa\_auth => rpm -ql squid | grep ncsa\_auth

acl authusers proxy\_auth REQUIRED

http\_access allow authusers

http\_access deny all

9)

acl blacklist dstdomain www.amazon.com www.flipkart.com

acl authusers proxy\_auth REQUIRED

http\_access allow blacklist authusers

http\_access allow all

10)

acl blacklist dstdomain www.amazon.com www.flipkart.com

acl authusers proxy\_auth REQUIRED

http\_access allow blacklist

http\_access allow !blacklist authusers

http\_access deny all

11)

acl wsites1 dstdomain www.amazon.com www.flipkart.com

acl wsites2 dstdomain www.youtube.com www.twitter.com

acl aliceuser proxy\_auth alice

acl bobuser proxy\_auth bob

acl darthuser proxy\_auth darth

http\_access allow wsites1 aliceuser

http\_access deny !wsites1 aliceuser

http\_access allow wsites2 bobuser

http\_access deny !wsites2 bobuser

http\_access deny all

12)

acl wsites1 dstdomain www.amazon.com www.flipkart.com

acl wsites2 dstdomain www.youtube.com www.twitter.com

acl aliceuser proxy\_auth alice

acl bobuser proxy\_auth bob

acl darthuser proxy\_auth darth

acl time1 time 13:00-14:00

acl time2 time 17:00-18:00

http\_access allow wsites1 aliceuser time1

http\_access allow wsites2 bobuser time2

http\_access allow wsites1 wsites2 darthuser

http\_access deny all

13)

http\_access allow wsites1 aliceuser time1

http\_access allow wsites2 bobuser time2

http\_access allow darthuser

http\_access deny all

######################################################################################

PART 2

id -g squid #output: 23

iptables -t nat -A OUTPUT -p tcp --dport 80 -m owner ! --gid-owner 23 -j REDIRECT --to-port 3129

1)

acl asites dstdomain www.amazon.com www.flipkart.com

http\_access deny asites

http\_access allow all

2)

http\_access allow asites

http\_access deny all

3)

acl time1 time 9:00-17:00

http\_access deny time1

http\_access allow all

4)

acl asites dstdomain www.amazon.com www.flipkart.com

acl time2 time 14:00-17:00

http\_access deny asites time2

http\_access allow all