**Q).create three user tom , jerry, and noddy and allow these websites(disney,hotstar,netflix,jio)**

278 htpasswd /etc/squid/squid-users tom

279 htpasswd /etc/squid/squid-users jerry

280 htpasswd /etc/squid/squid-users noddy

282 journalctl -xe

283 vim /etc/squid/squid.conf

284 systemctl restart squid

285 vim /etc/squid/squid.conf

286 cat /etc/squid/squid.conf

287 vim /etc/squid/squid.conf

288 systemctl restart squid

289 vi /etc/squid/cartoon.txt

.disney.com

.hotstar.com

.netflix.com

.jio.com

290 vim /etc/squid/squid.conf

1 #

2 # Recommended minimum configuration:

3 #

4

5 # Example rule allowing access from your local networks.

6 # Adapt to list your (internal) IP networks from where browsing

7 # should be allowed

8 acl localnet src 10.0.0.0/8 # RFC1918 possible internal network

9 acl localnet src 172.16.0.0/12 # RFC1918 possible internal network

10 acl localnet src 192.168.0.0/16 # RFC1918 possible internal network

11 acl localnet src fc00::/7 # RFC 4193 local private network range

12 acl localnet src fe80::/10 # RFC 4291 link-local (directly plugged) machines

13

14 acl SSL\_ports port 443

15 acl Safe\_ports port 80 # http

16 acl Safe\_ports port 21 # ftp

17 acl Safe\_ports port 443 # https

18 acl Safe\_ports port 70 # gopher

19 acl Safe\_ports port 210 # wais

20 acl Safe\_ports port 1025-65535 # unregistered ports

21 acl Safe\_ports port 280 # http-mgmt

22 acl Safe\_ports port 488 # gss-http

23 acl Safe\_ports port 591 # filemaker

24 acl Safe\_ports port 777 # multiling http

25 acl CONNECT method CONNECT

26

27 #

28 # Recommended minimum Access Permission configuration:

29 #

30 # Deny requests to certain unsafe ports

31 http\_access deny !Safe\_ports

32

33 # Deny CONNECT to other than secure SSL ports

34 http\_access deny CONNECT !SSL\_ports

35

36 # Only allow cachemgr access from localhost

37 http\_access allow localhost manager

38 http\_access deny manager

39

40 # We strongly recommend the following be uncommented to protect innocent

41 # web applications running on the proxy server who think the only

42 # one who can access services on "localhost" is a local user

43 #http\_access deny to\_localhost

44

45 #

46 # INSERT YOUR OWN RULE(S) HERE TO ALLOW ACCESS FROM YOUR CLIENTS

47 #

48 auth\_param basic program /usr/lib64/squid/basic\_ncsa\_auth /etc/squid/squid-users

49 auth\_param basic children 5

50 auth\_param basic realm Squid Basic Authentication

51 auth\_param basic credentialsttl 2 hours

52 acl acts\_users proxy\_auth REQUIRED

53 acl user1 proxy\_auth user1

54 acl cartoons proxy\_auth tom jerry noddy

55 acl cartoon-access dstdomain "/etc/squid/cartoon.txt"

56 acl user1-access dstdomain "/etc/squid/user1.txt"

57 http\_access allow user1-access user1

58 http\_access allow cartoon-access cartoons

59 # Example rule allowing access from your local networks.

60 # Adapt localnet in the ACL section to list your (internal) IP networks

61 #acl hpcsalab src 10.10.10.0/24

62 #acl client src 10.10.10.130

63 #acl window src 10.10.10.132

64 #acl hpcsa-time time A 14:00-17:20

65 #acl hpcsa dstdomain "/etc/squid/time-blocked.txt"

66 #acl client-blocked dstdomain "/etc/squid/client1-blocked.txt"

67 #acl badwords url\_regex -i "/etc/squid/director-blocked.txt"

68 #acl window-blocked dstdomain "/etc/squid/window-blocked.txt"

69 #acl hpcsalab-blocked dstdomain "/etc/squid/blocked.txt"

70 #http\_access allow hpcsa hpcsa-time

71 #http\_access allow badwords client

72 #http\_access deny badwords !client

73 #http\_access deny hpcsa !hpcsa-time

74 #http\_access deny hpcsalab-blocked hpcsalab

75 #http\_access deny window-blocked window

76 #http\_access deny client-blocked client

77 #http\_access deny blocked\_sites hpcsalab

78 http\_access deny acts\_users all

79 #http\_access allow hpcsalab

80 # from where browsing should be allowed

81 #http\_access allow localnet

82 http\_access allow localhost

83

84 # And finally deny all other access to this proxy

85 http\_access deny all

86

87 # Squid normally listens to port 3128

88 http\_port 3128

89

90 # Uncomment and adjust the following to add a disk cache directory.

91 cache\_dir ufs /var/spool/squid 2048 16 256

92 visible\_hostname proxy.hpcsa.lab

93 # Leave coredumps in the first cache dir

94 coredump\_dir /var/spool/squid

95

96 #

97 # Add any of your own refresh\_pattern entries above these.

98 #

99 refresh\_pattern ^ftp: 1440 20% 10080

100 refresh\_pattern ^gopher: 1440 0% 1440

101 refresh\_pattern -i (/cgi-bin/|\?) 0 0% 0

102 refresh\_pattern . 0 20% 4320

**systemctl restart squid**