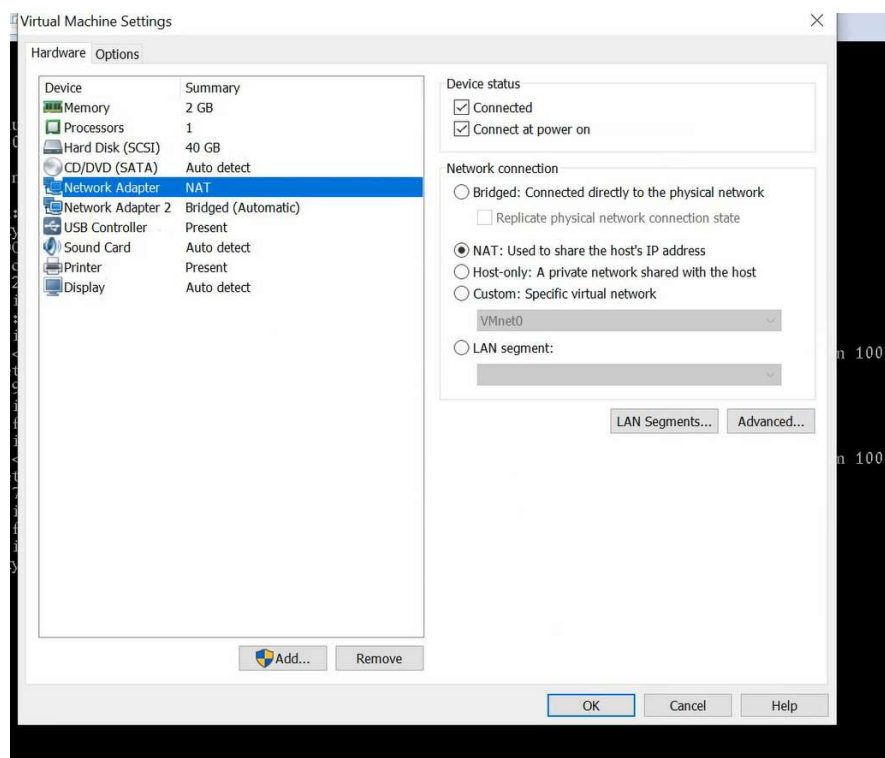
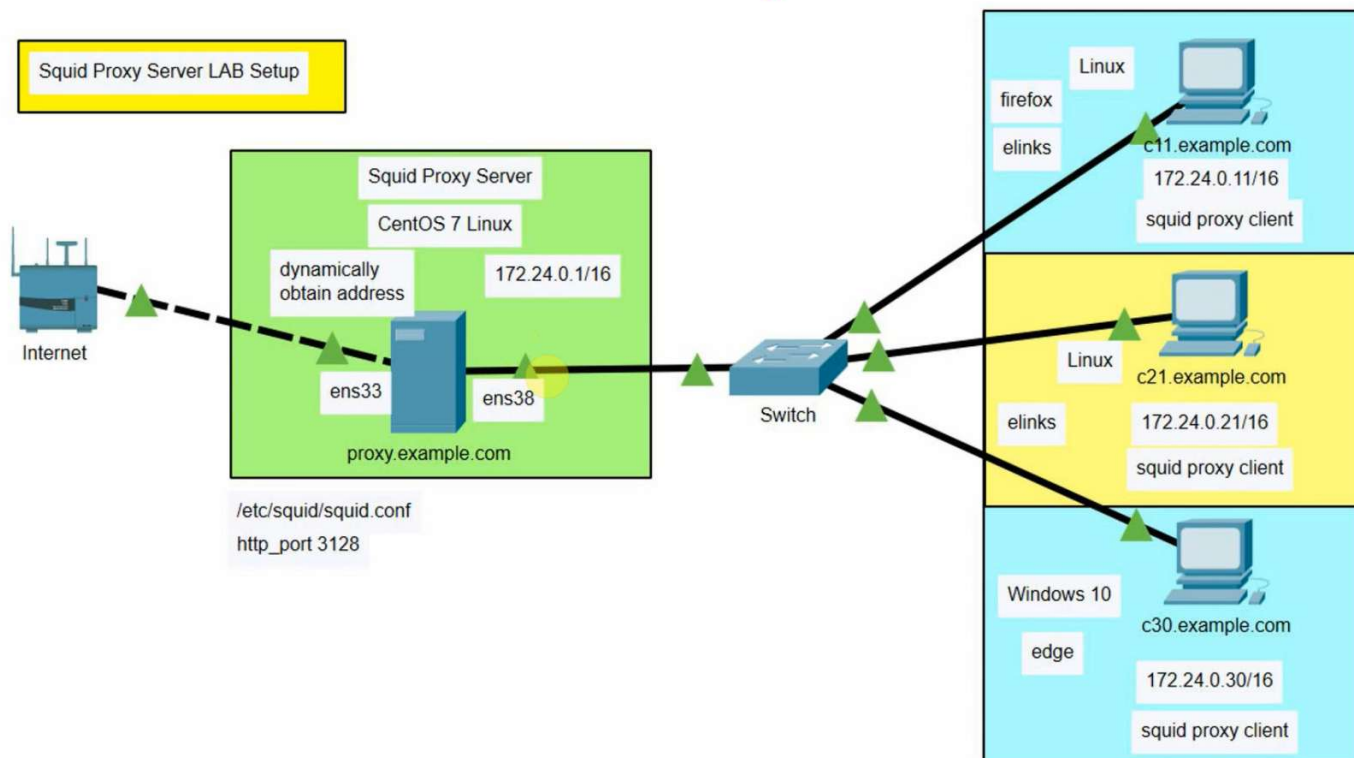


Lab Setup



```
squid-proxy - VMware Workstation
File Edit View VM Tabs Help
Home x squid-proxy x c11 x c21 x c30 x

[root@proxy ~]#
[root@proxy ~]# ping www.google.com
PING www.google.com (172.217.166.196) 56(84) bytes of data.
64 bytes from del03s13-in-f4.1e100.net (172.217.166.196): icmp_seq=1 ttl=128 time=53.2 ms
64 bytes from del03s13-in-f4.1e100.net (172.217.166.196): icmp_seq=2 ttl=128 time=61.7 ms
64 bytes from del03s13-in-f4.1e100.net (172.217.166.196): icmp_seq=3 ttl=128 time=60.1 ms
64 bytes from del03s13-in-f4.1e100.net (172.217.166.196): icmp_seq=4 ttl=128 time=46.7 ms
^C
--- www.google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 46.770/55.473/61.700/3.955 ms
[root@proxy ~]#
```

```
squid-proxy - VMware Workstation
File Edit View VM Tabs Help
Home x squid-proxy x c11 x c21 x c30 x

[root@proxy ~]# cat /etc/squid/squid.conf _
```

```
squid-proxy - VMware Workstation
File Edit View VM Tabs Help
Home x squid-proxy x c11 x c21 x c30 x

# should be allowed
acl localnet src 10.0.0.0/8 # RFC1918 possible internal network
acl localnet src 172.16.0.0/12 # RFC1918 possible internal network
acl localnet src 192.168.0.0/16 # RFC1918 possible internal network
acl localnet src fc00::/7 # RFC 4193 local private network range
acl localnet src fe80::/10 # RFC 4291 link-local (directly plugged) machines

acl SSL_ports port 443
acl Safe_ports port 80 # http
acl Safe_ports port 21 # ftp
acl Safe_ports port 443 # https
acl Safe_ports port 70 # gopher
acl Safe_ports port 210 # wais
acl Safe_ports port 1025-65535 # unregistered ports
acl Safe_ports port 280 # http-mgmt
acl Safe_ports port 488 # gss-http
acl Safe_ports port 591 # filemaker
acl Safe_ports port 777 # multiling http
acl CONNECT method CONNECT

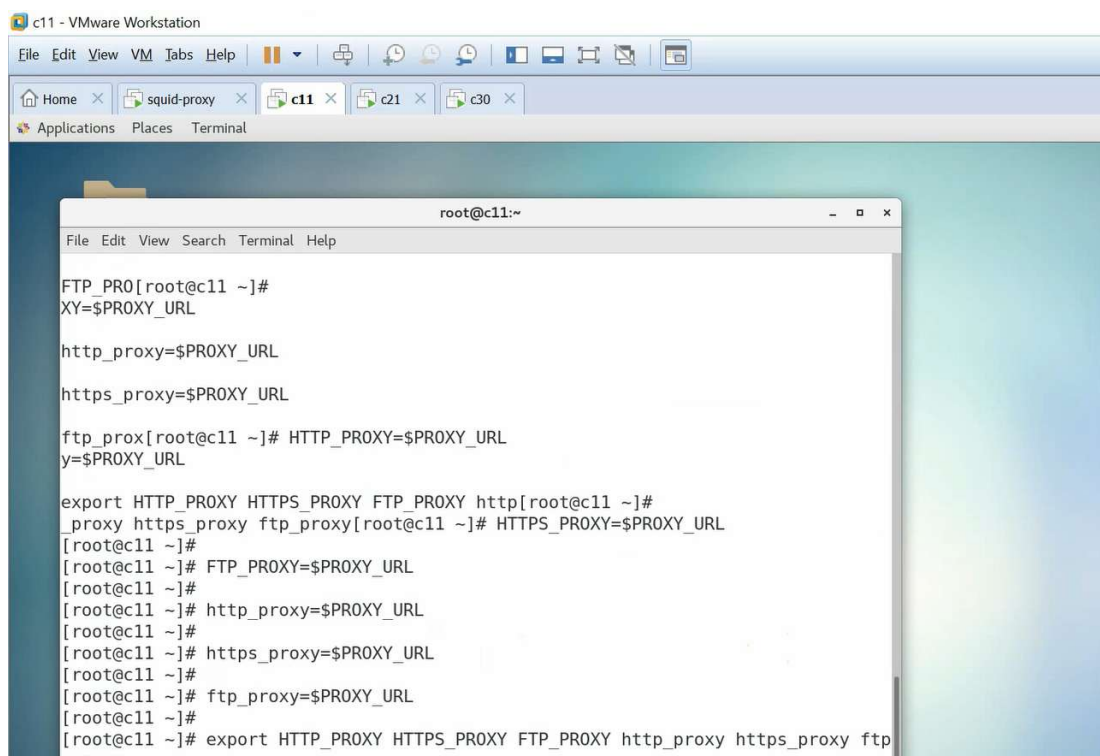
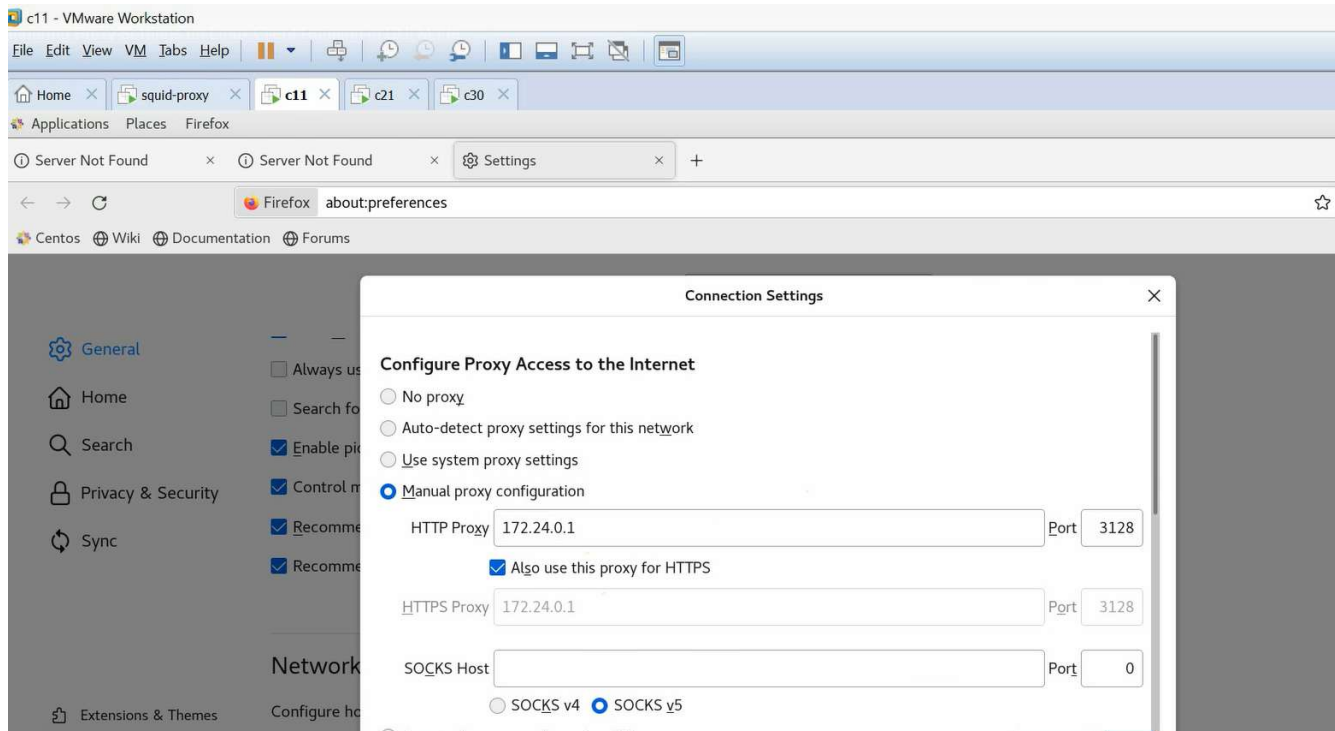
#
# Recommended minimum Access Permission configuration:
#
# Deny requests to certain unsafe ports
http_access deny !Safe_ports

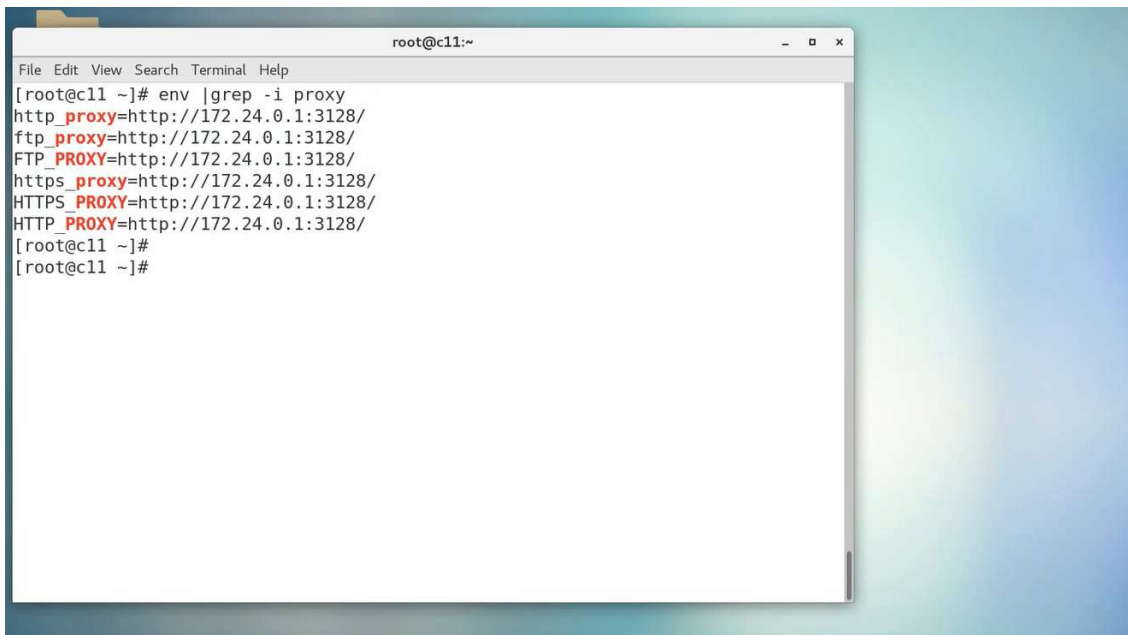
# Deny CONNECT to other than secure SSL ports
http_access deny CONNECT !SSL_ports

# Only allow cachemgr access from localhost
http_access allow localhost manager
http_access deny manager

;
```

Install squid -y



A terminal window titled 'root@c11:~' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal displays the output of the command 'env | grep -i proxy'. The output lists several proxy variables: http_proxy, ftp_proxy, FTP_PROXY, https_proxy, HTTPS_PROXY, and HTTP_PROXY, all pointing to 'http://172.24.0.1:3128/'. The terminal prompt is '[root@c11 ~]#'.

```
root@c11:~  
File Edit View Search Terminal Help  
[root@c11 ~]# env | grep -i proxy  
http_proxy=http://172.24.0.1:3128/  
ftp_proxy=http://172.24.0.1:3128/  
FTP_PROXY=http://172.24.0.1:3128/  
https_proxy=http://172.24.0.1:3128/  
HTTPS_PROXY=http://172.24.0.1:3128/  
HTTP_PROXY=http://172.24.0.1:3128/  
[root@c11 ~]#  
[root@c11 ~]#
```