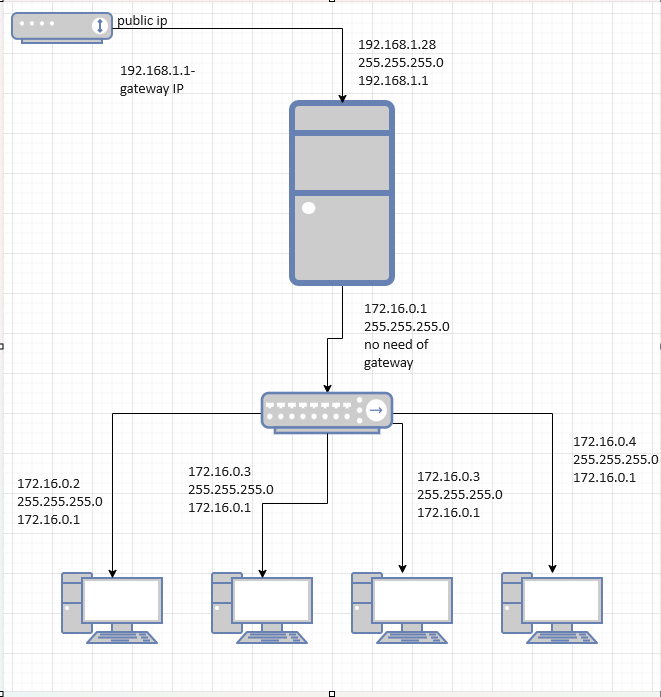
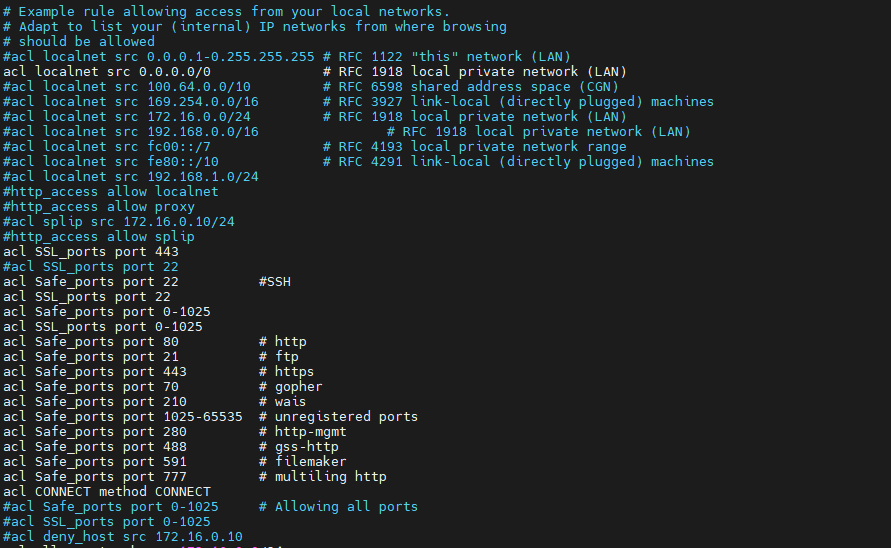
**INSTALLATION OF SQUID PROXY ON UBUNTU 22**



1. sudo apt update
2. sudo apt install squid
3. systemctl status squid.service
4. sudo nano /etc/squid/squid.conf



**To deny certain domains for specific user**

acl test src 172.16.0.19

acl block dstdomain "/etc/squid/spldomainblk"

http\_access deny test block

http\_access allow test

To deny multiple users for accesing multiple domains

For example, create /etc/squid/blockusers and add the IP addresses

172.16.0.19

172.16.0.20

172.16.0.21

Define ACLs for the domains:

For example, create /etc/squid/spldomainblk and add the domains

example.com

anotherexample.com

# Define ACL for blocked users

acl blocked\_users src "/etc/squid/blockusers"

# Define ACL for blocked domains

acl blocked\_domains dstdomain "/etc/squid/spldomainblk"

# Deny access for blocked users to blocked domains

http\_access deny blocked\_users blocked\_domains

# Allow other access for blocked users

http\_access allow blocked\_users

# Other necessary ACLs and http\_access rules...

# Always allow localhost and other necessary rules

http\_access allow localhost

http\_access allow all

To Deny certain domains for the whole network

acl allow\_network src 172.16.0.0/24

acl web\_deny dstdomain "/etc/squid/web\_deny"

Need to add the below lines to allow or deny the above specified rules

# Deny, unless rules exist in squid.conf.

http\_access allow localhost

#http\_access deny deny\_host

http\_access deny web\_deny

http\_access allow allow\_network

http\_access deny all

http\_access allow SSL\_ports

http\_access allow Safe\_ports

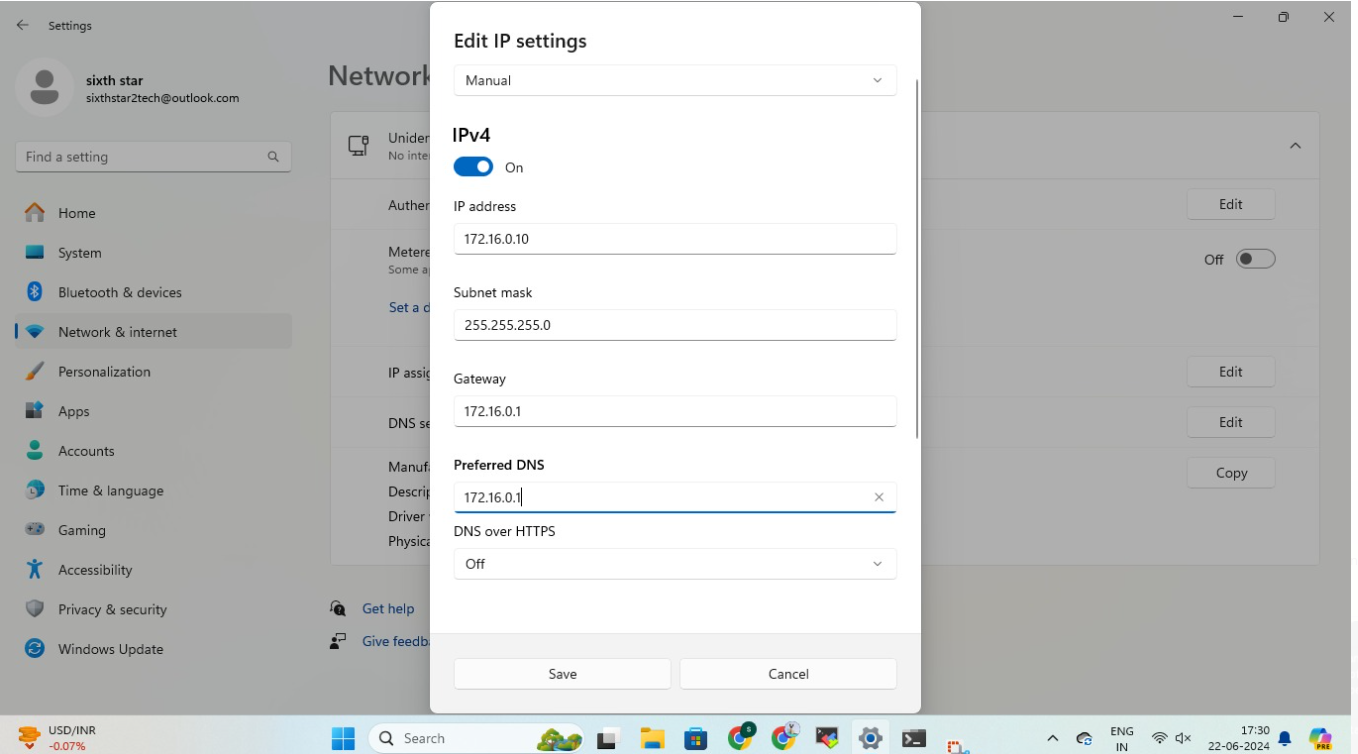
http\_access deny test block

http\_access allow test

Restart Squid to apply the changes:

sudo systemctl restart squid

Configuring proxy in Client Side



And also we need to set the proxy manually in the client systems

Network settings >> proxy

172.16.0.1

3128

Configuring Proxy in Mobaxterm

