Internet sharing on local network

Enabling local network for Internet access enables one for better network organisation. Lets assume that gateway PC provides two interfaces: {WiFi with Internet, ethernet connected to local network}, and client PC with interface: {ethernet connected to local network}.

Gateway side (local network address: 192.168.0.1) CLI version:

https://help.ubuntu.com/community/Internet/ConnectionSharing#Simple_iptables_example

Gateway side (local network address: 192.168.0.1) GUI version:

-Network Manager→Edit Connections/(#sudo nm-connection-editor)->eth0→IPv4 Setting→ Shared to other computers

Client side:

    #sudo apt-get install openssh-server
    #sudo ufw default allow outgoing
    #sudo vi /etc/network/interfaces
            auto eth0
            iface eth0 inet static
            address 192.168.0.2
            network 192.168.0.255
            netmask 255.255.255.0

Client temporary routing rule:

    #sudo ip route add default via 192.168.0.1

Client persistent routing rule:

    #sudo vi /etc/network/interfaces
            up /sbin/ip route add default via 192.168.0.1