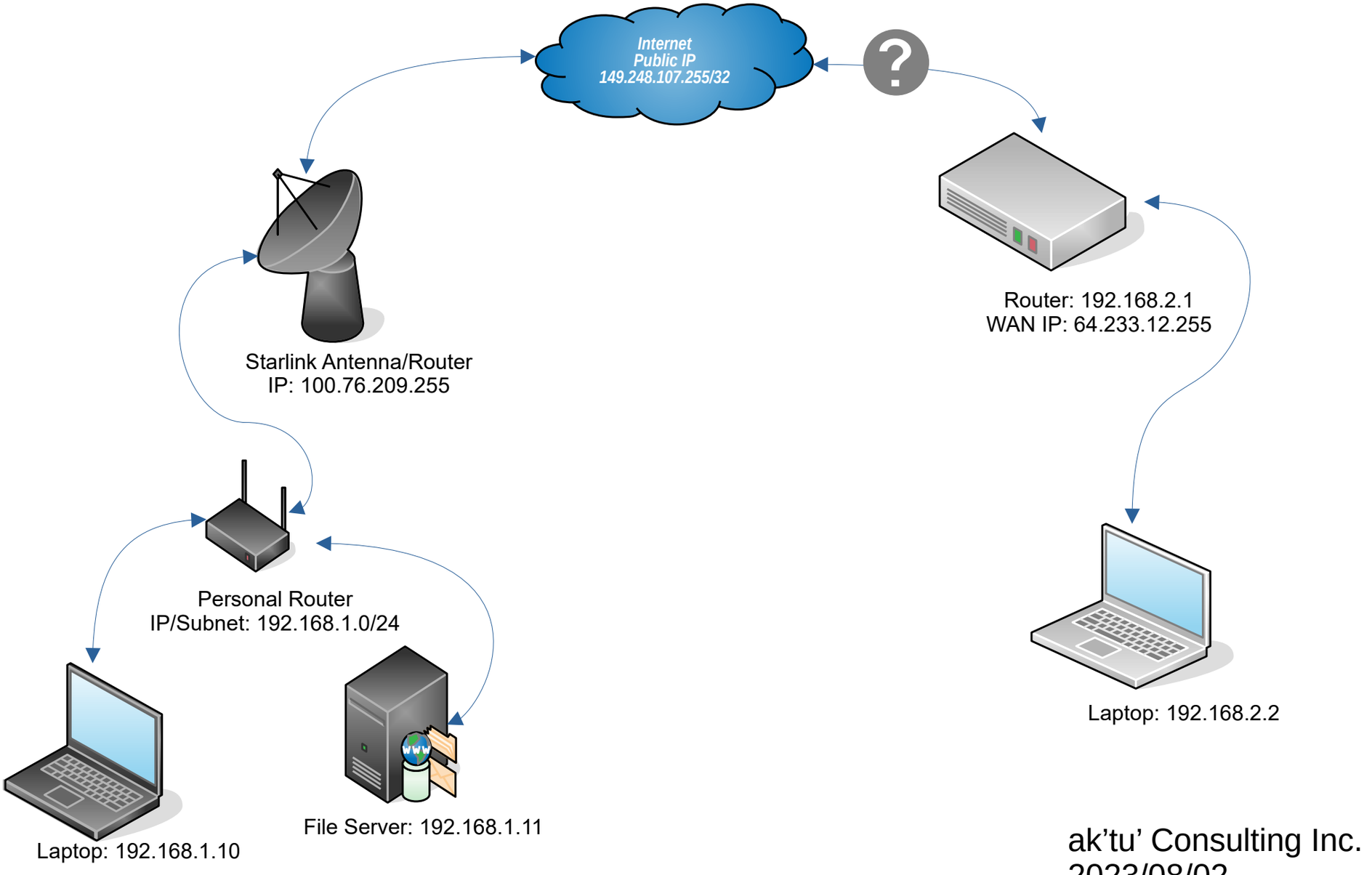
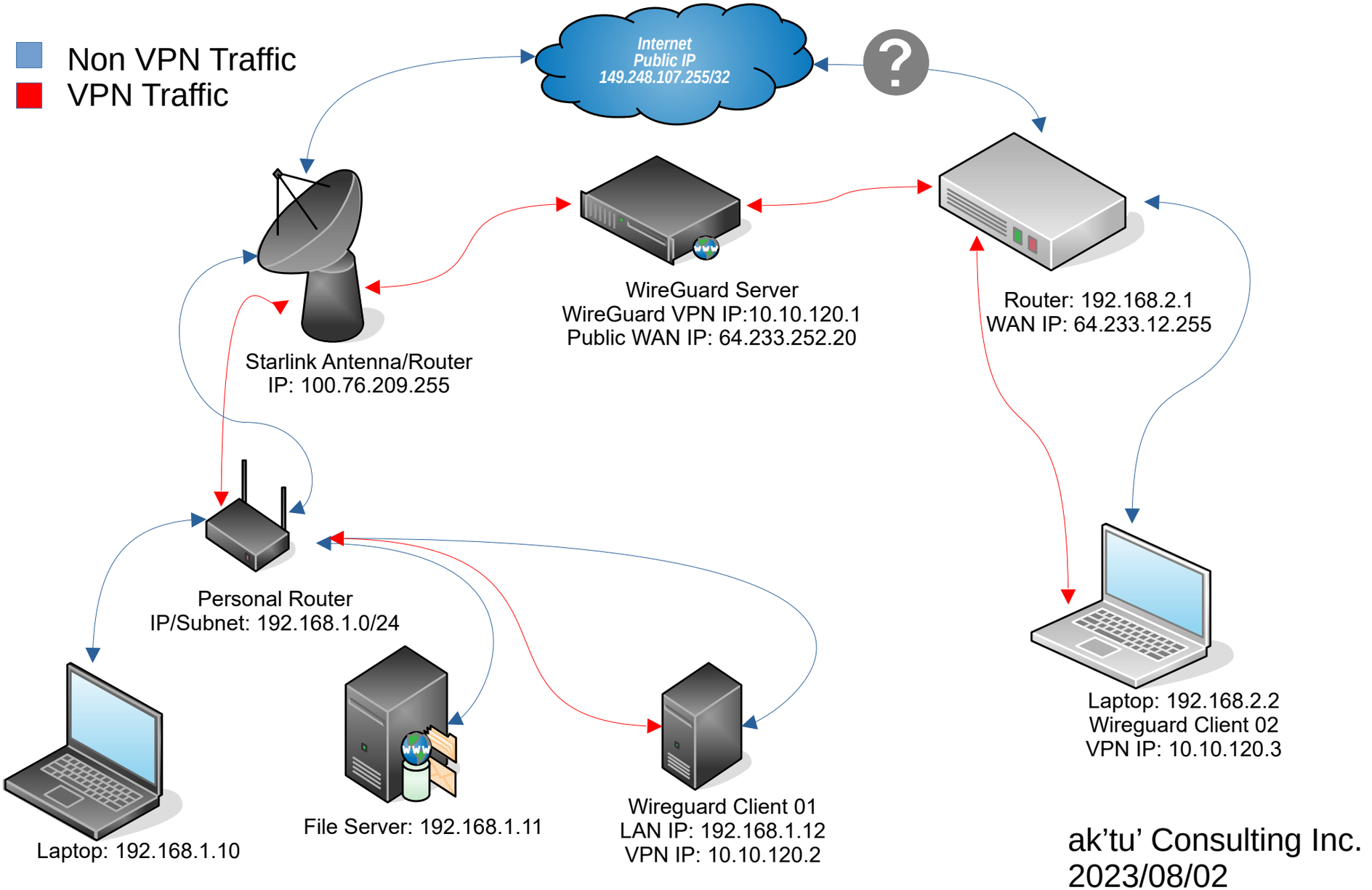
# Starlink CGNAT

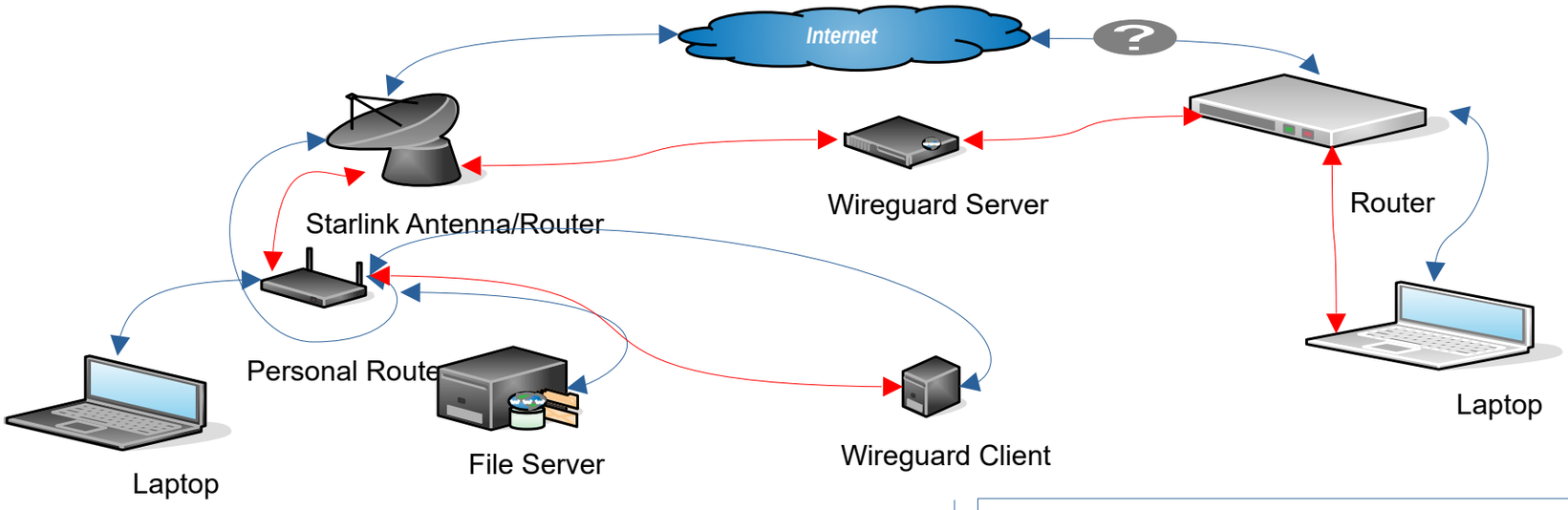



ak'tu' Consulting Inc.
2023/08/02

# Starlink CGNAT




ak'tu' Consulting Inc.
2023/08/02




## Wireguard Client 01 (Starlink Network)

[Interface]
Address = 10.10.120.2
PrivateKey = iHRZGJBc3d/rNhbMSs5K7PMaZ0Yhlt4fWisR2tN9QWQ=

[Peer]
# WireGuard VPN Server
PublicKey = K9sdajTcwRn0op90vrWvhKqZ3nQAUcpjXEHK+dDanS0=
Endpoint = wguard-server.com
PersistentKeepalive = 25
AllowedIPs = 10.10.120.0/24

## Wireguard Client 02 (Road Warrior/ 2nd network)

[Interface]
Address = 10.10.120.3
ListenPort = 51820
PrivateKey = +Oa4RB/d1C2k08iZxuXhX4qDQBv7NqGmN7OdGYj8vEQ=

[Peer]
# WireGuard VPN Server
PublicKey = K9sdajTcwRn0op90vrWvhKqZ3nQAUcpjXEHK+dDanS0=
Endpoint = wguard-server.com
PersistentKeepalive = 25
AllowedIPs = 10.10.120.0/24

## Wireguard Server

[Interface]
Address = 10.10.120.1
ListenPort = 51820
PrivateKey = YGbptIqEybCnZFFNVOVWvWqnLGA8oSEAcP084RXJ/nI=

#Network Routing
net.ipv4.ip_forward=1

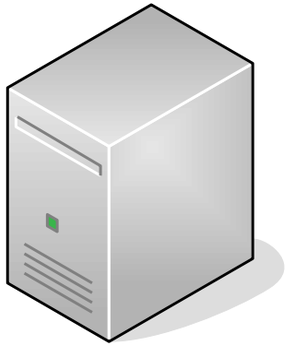
[Peer]
# Starlink Network
PublicKey = SDN+kGIsU2l/SACSzYYqT8928Ufew/nTUwnFHHzBs0U=
AllowedIPs = 10.10.120.2/32

[Peer]
# Road Warrior
PublicKey = nt3q2YWOCM3B82KMgjqC6NdbZUdCTm53byn690s7gSM=
AllowedIPs = 10.10.120.3/32

ak'tu' Consulting Inc.
2023/08/02

# Wireguard Server
# OS: Ubuntu 22.04 (Server Edition)

## Requirements:
- Static IP
- Wireguard
- Firewall*

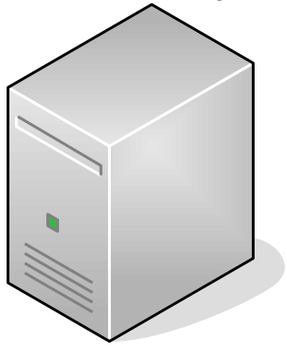


## Instructions:
apt-get update -y
apt-get upgrade -y
apt-get install -y wireguard ufw
vi /etc/wireguard/cgnat_vpn.conf
ufw enable
sudo ufw allow ssh
sudo ufw allow 51820/udp
systemctl enable wg-quick@cgnat_vpn
systemctl start wg-quick@cgnat_vpn

---

# Wireguard Client 01 (Starlink Network)
# OS: Ubuntu 22.04 (Server Edition)

## Requirements:
- Wireguard

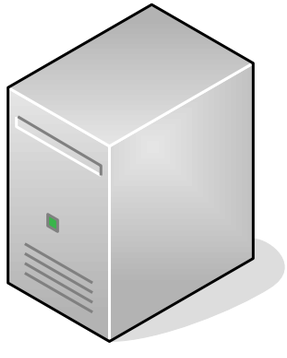


## Instructions:
apt-get update -y
apt-get upgrade -y
apt-get install -y wireguard ufw
vi /etc/wireguard/cgnat_vpn.conf
ufw enable
sudo ufw allow ssh
sudo ufw allow 51820/udp
systemctl enable wg-quick@cgnat_vpn
systemctl start wg-quick@cgnat_vpn

---

# Wireguard Client 01 (Road Warrior)
# OS: Ubuntu 22.04 (Server Edition)

## Requirements:
- Wireguard



## Instructions:
apt-get update -y
apt-get upgrade -y
apt-get install -y wireguard ufw
vi /etc/wireguard/cgnat_vpn.conf
ufw enable
sudo ufw allow ssh
sudo ufw allow 51820/udp
systemctl enable wg-quick@cgnat_vpn
systemctl start wg-quick@cgnat_vpn

ak’tu’ Consulting Inc.
2023/08/02