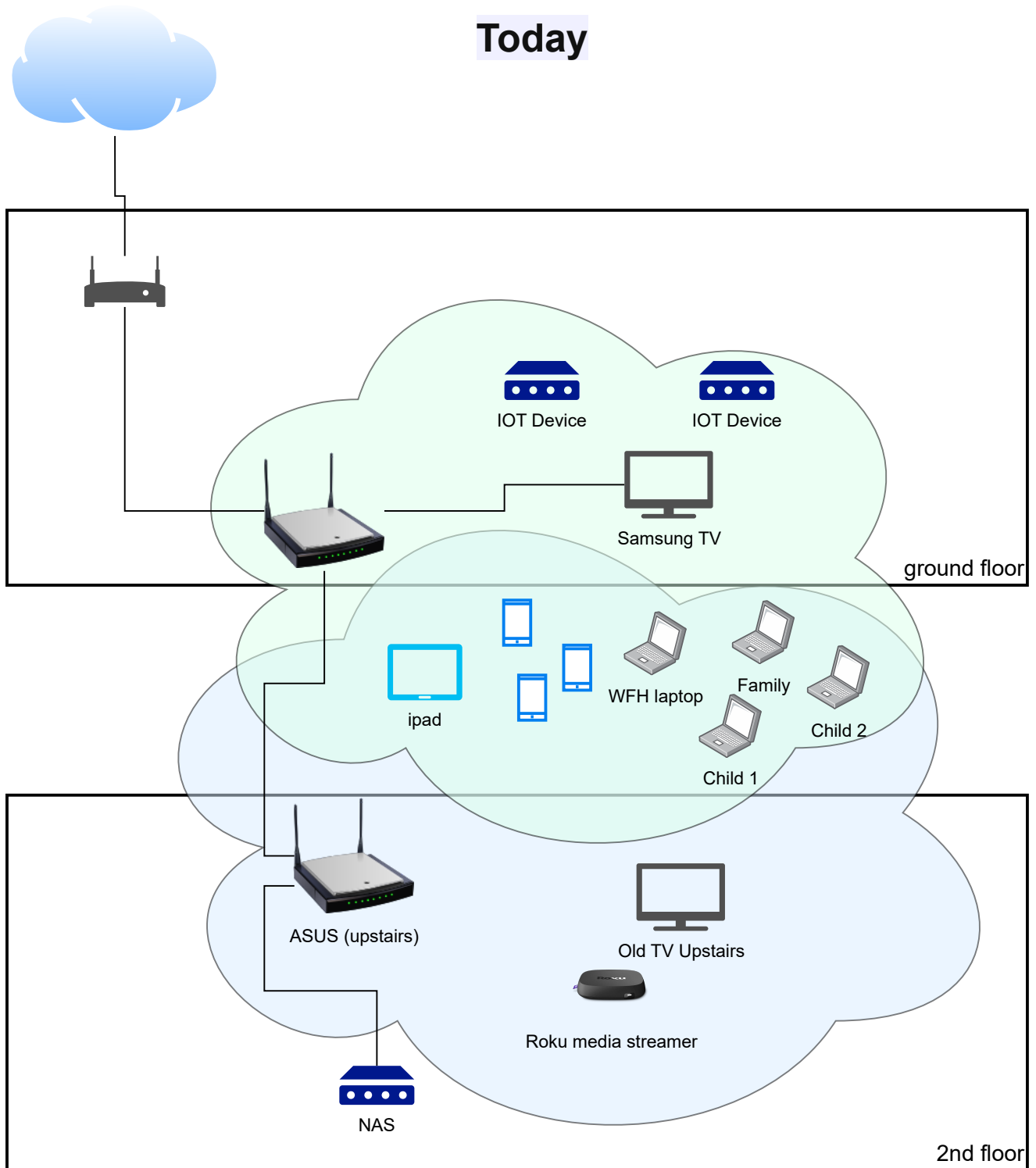


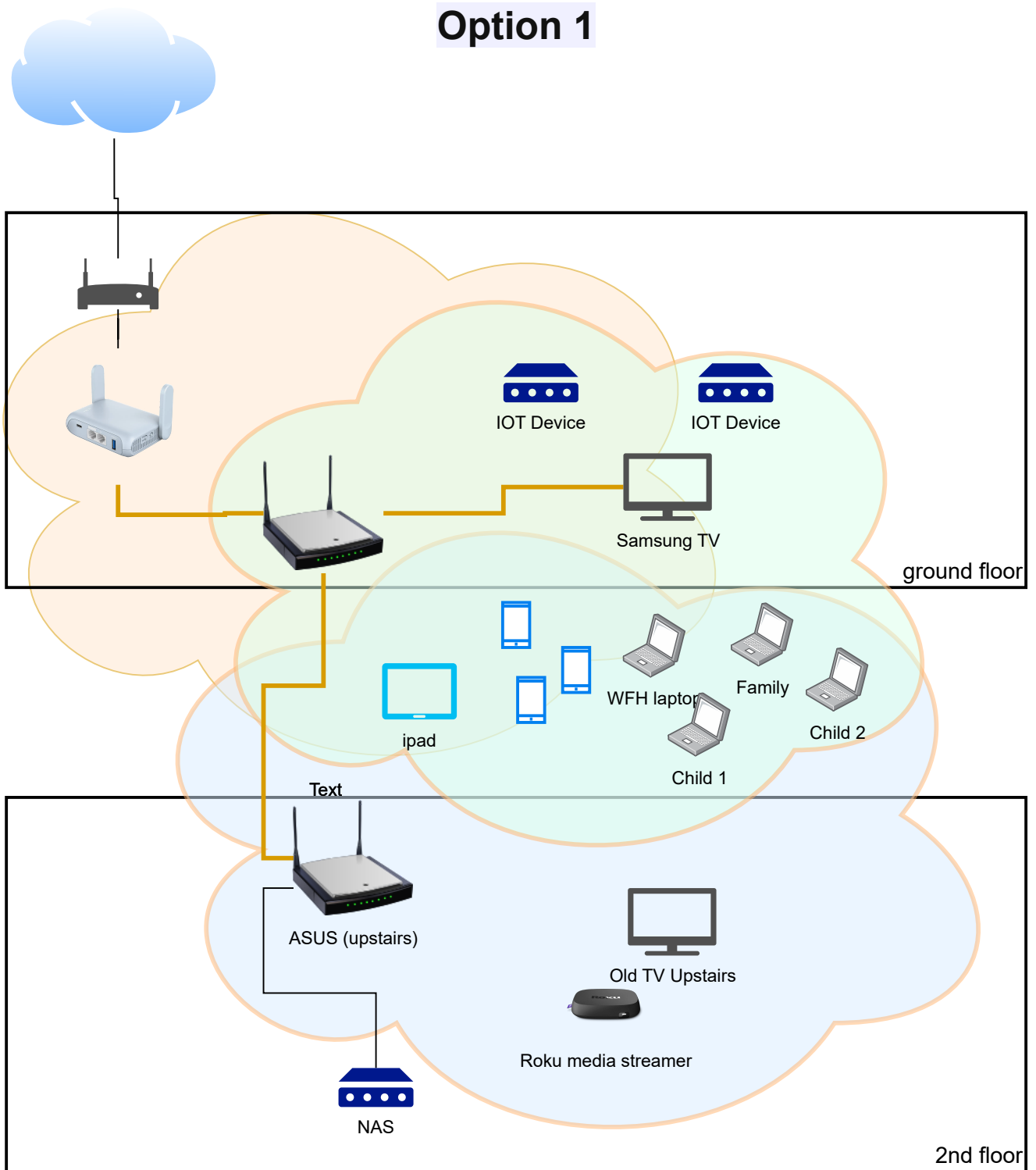
Today



Today

Internet provided through optic fiber, ISP provides modem and 1 wireless router. 2 Floors up is a wifi router connected with ethernet to main internet router and has a NAS attached through ethernet. TV downstairs connected through LAN and TV upstairs through WIFI. Phones, laptops and tablet connect to either WIFI networks depending on where we are. Other IOT devices such as speakers or washing machine use downstairs wifi. TV, Tablet and roku device use internet for media streaming.

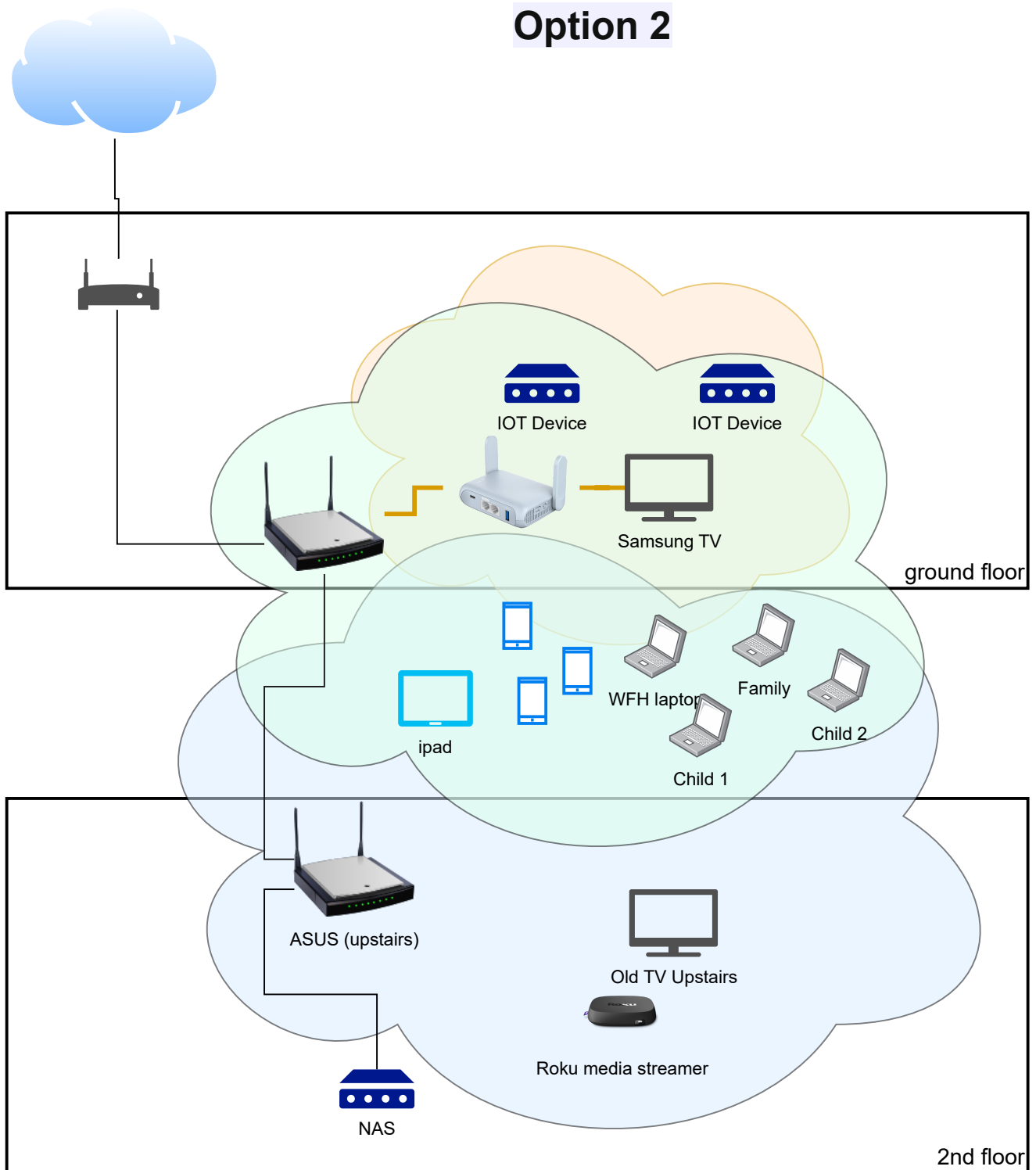
Option 1



All behind VPN

Setup the VPN-enabled router between modem and first router. This would put everything behind router for security and geo-location. Maybe an overkill and could reduce performance if all traffic goes through VPN?

Option 2

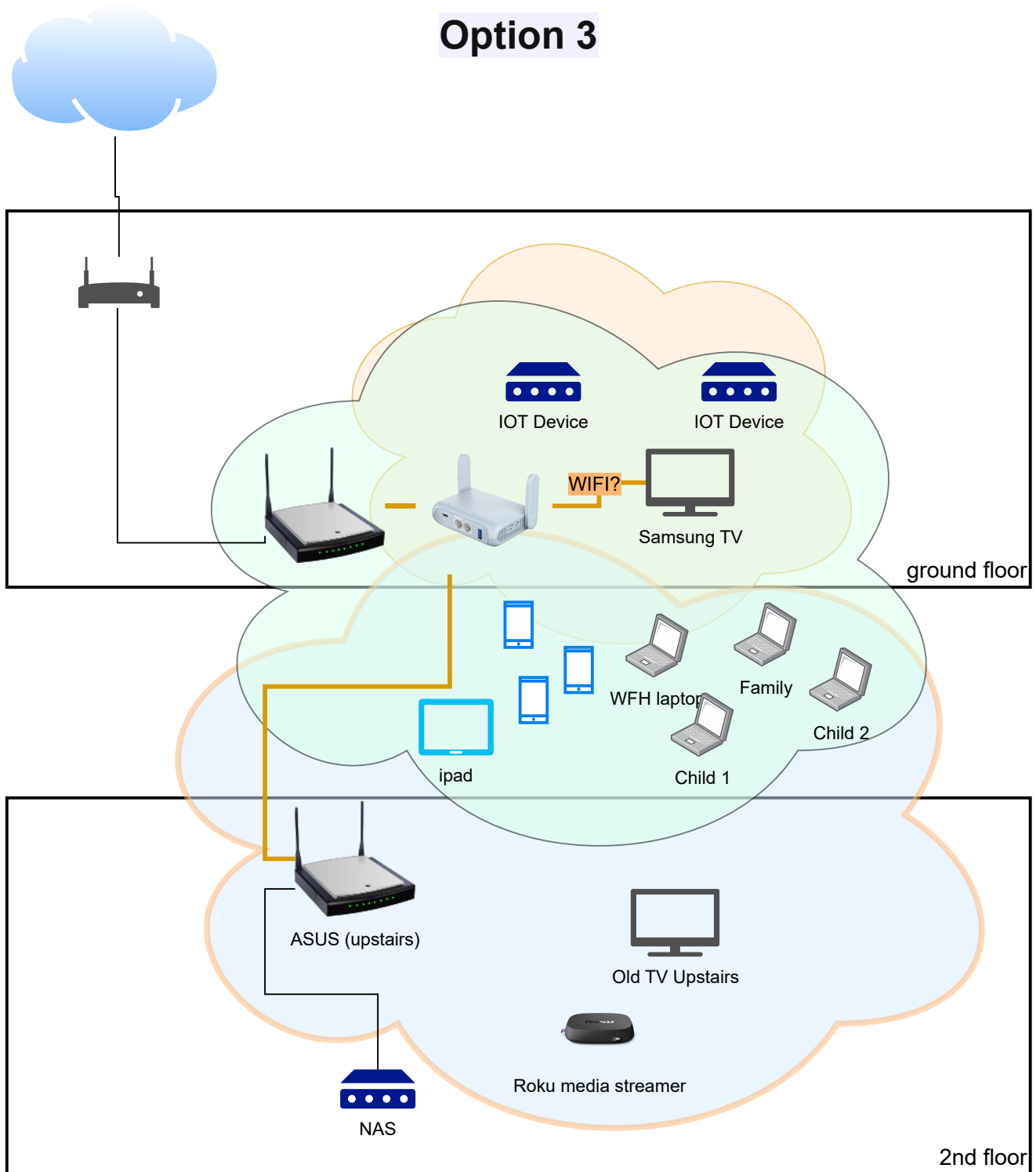


Main TV and some wifi behind VPN

Setup the VPN-enabled router between main router and the TV through ethernet. This would put TV (with media streaming services) behind the VPN and devices can connect to this network.

Unfortunately, the upstairs TV not connected to VPN

Option 3



Main TV and upstairs router behind VPN

Setup the VPN-enabled router between main router and the TV through ethernet (or wifi), additionally upstairs router connected through LAN to vpn router. This would put TV (with media streaming services) behind the VPN and devices can connect to this network, the top floor router would also be behind the VPN.

This might imply the TV to be connected through WIFI rather than LAN as some GL.inet routers, such as Beryl-AX, only have 2 LAN ports