Assignment 4.2: Build a Mobile Network

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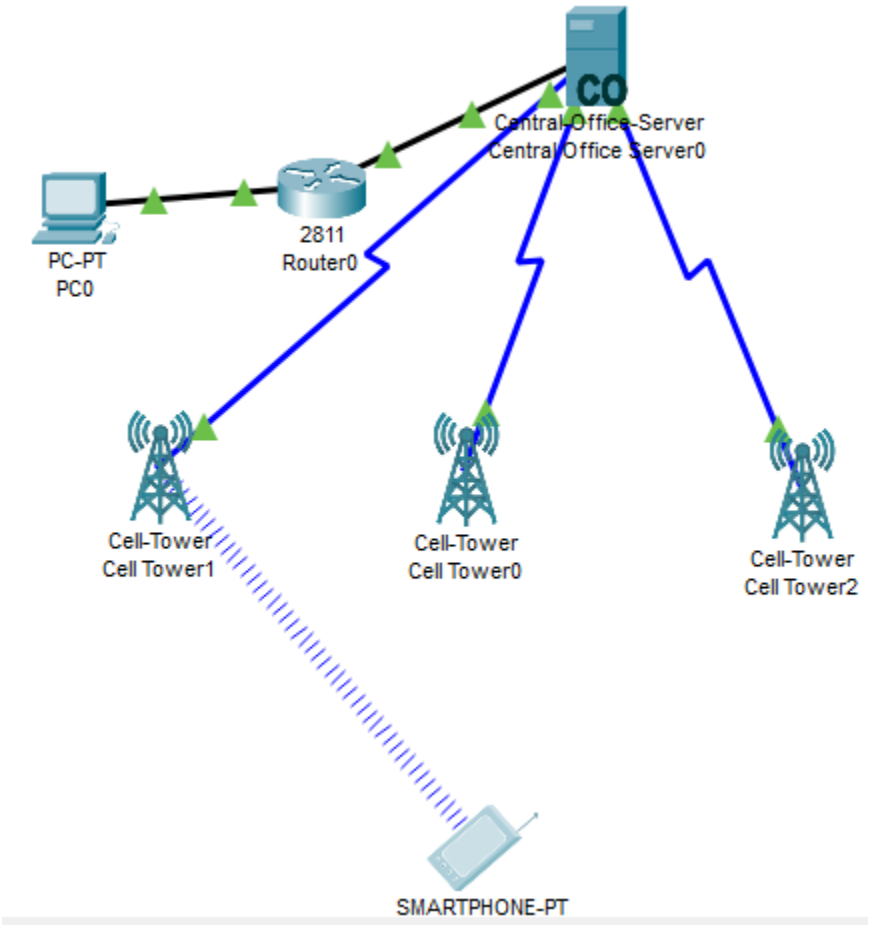

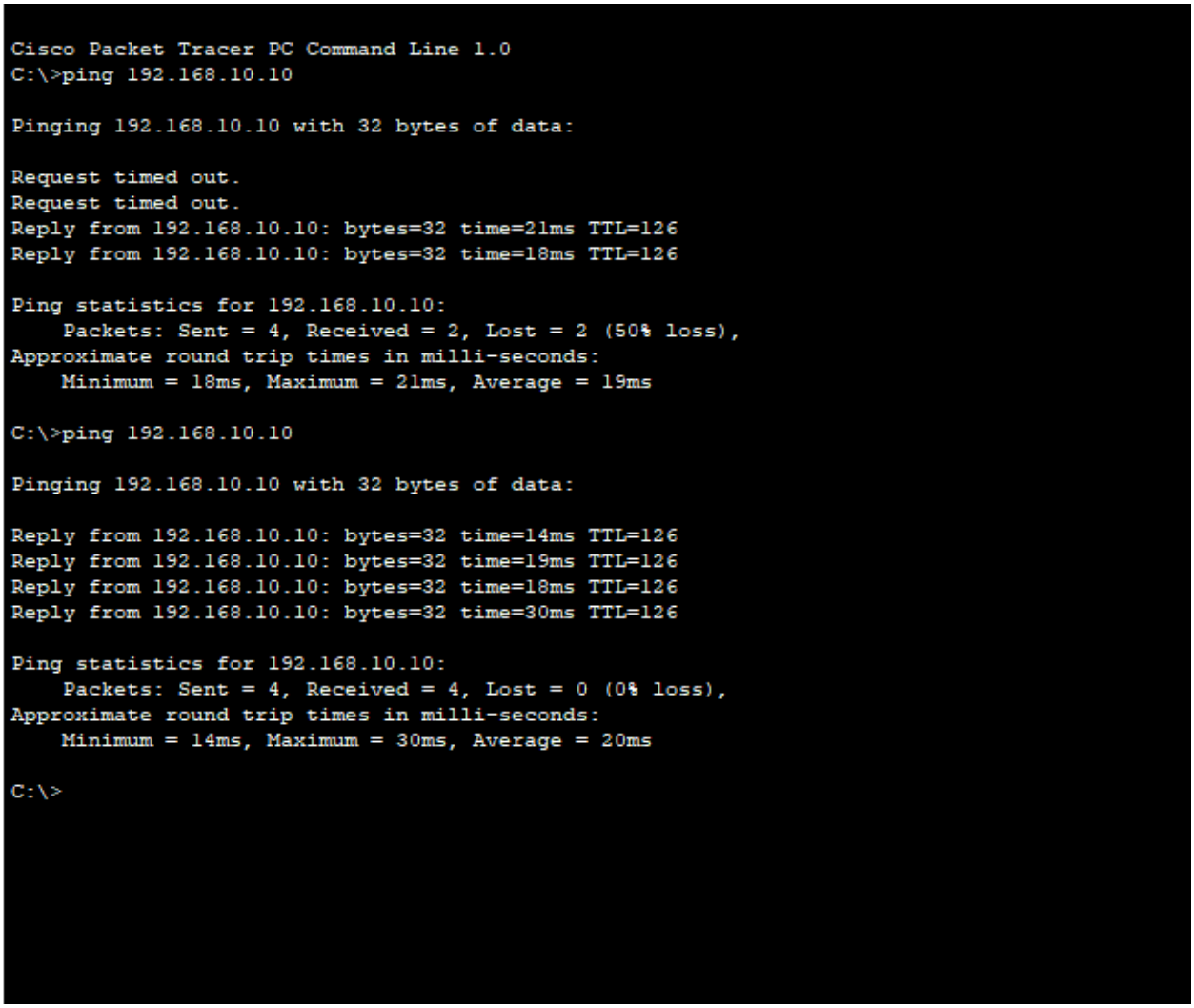

To set up a mobile network, a CO server, and cell towers are the basic requirements. In the first screenshot, The three cell towers are connected to the CO server through coax cables. The mobile phone is automatically connected to the cell towers 3G/4G services and the router, server, and PC were configured with IP Addresses. The server had a class B IP address while the router and PC had class C IP addresses. Once the server, router, and PC are successfully connected, the mobile phone can communicate with the PC, which is what the command prompt screenshot depicts.