Dynamic IP (IPoE) and PPPoE Connection Types

Introduction:

When setting up an internet connection, understanding the different connection types is essential. This support article aims to provide a brief explanation of two common connection types: Dynamic IP (IPoE) and PPPoE. By understanding their differences and advantages, you can choose the appropriate connection type for your specific networking needs.

Dynamic IP (IPoE):

Dynamic IP (Internet Protocol over Ethernet) is a connection type that assigns IP addresses dynamically to devices connected to the internet. With Dynamic IP (also known as IPoE or DHCP), your internet service provider (ISP) automatically assigns an IP address to your device each time it connects to the network. This IP address is temporary and can change each time you establish a new connection.

PPPoE (Point-to-Point Protocol over Ethernet):

PPPoE is a connection type that uses the Point-to-Point Protocol to establish a network connection over Ethernet. With PPPoE, you typically have a username and password provided by your ISP, which are used to authenticate and establish the connection. This connection type is commonly used in DSL and fiber-optic connections.