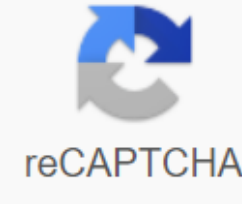




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## 18 mbps internet

In Internet Basics, learn about the basic components of the World Wide Web and common tools that can make or break your Internet experience: search engines, Web browsers, RSS, spam, and more. Need help using all the websites and tools on the Internet? Check out basic tips on how to do here. Updated: 16/11/2019 by Computer Hope Was this page helpful? YesNo The Internet of Things (or IoT, for short) refers to a daily network, usually home, objects connected to the internet, to other devices such as smartphones and tablets, and to each other. These objects often have some form of advanced technology within them to help them not only connect to this network, but interact and respond to their environments. Getty Images An IoT system consists of four main parts: sensors and devices, connectivity, data processing and a user interface. The first part involves sensors or devices that must collect information from your external environment. For example, a smart thermostat may receive a temperature reading from your home. The second step in this system —connectivity—requires that this information be sent to the cloud over some kind of internet connection, such as Wi-Fi. After the data is sent to the cloud, the third step is to process that data. During data processing, the information should be analyzed to see if it fits certain parameters. The last step in an IoT system is the user interface. After the data has been analyzed, the IoT device's user interface will automatically make adjustments to meet the needs of the environment—it can automatically adjust the temperature of your home, for example—or it can send a smartphone alert to the user so they know the temperature is too high and prompt them to remotely adjust the temperature. The Internet of Things is a complex network of smart home devices, the internet and ourselves. We still have a way to go in the development of IoT technology, but this form of technology is undoubtedly useful because it allows us to automate even the most mundane household tasks. Let's take a look at some of the most used IoT devices. Amazon's popular voice-controlled smart speaker can answer questions, play music on request, control other smart home devices, set alarms, read the news, and even make live phone calls. Phillips Hue is an intelligent home lighting system that involves the use of smart bulbs, a smart hub called Hue Bridge that connects the lamps to your mobile device, and the Hue mobile app that controls your home lighting from your smartphone. Nest Smart Thermostat and controls the temperature of your home. This thermostat even learns your schedule so it can develop the most optimal temperature settings for your home based on what time it is. The Ring Smart Bell connects to your smartphone or tablet via an app that alerts you when someone is at your door, shows that is at your door, and allows you to video chat with your guests when they arrive. While we have emphasized the consumer aspects of IoT technology, this branch of applied engineering is even more significant in the corporate sector. The new Eero is better than ever in solving his Wi-Fi problems by David Nield • 2019-11-12T11:33:10Z 2019-11-12T11:33:10Z