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Why does Facebook's data center specialist argue that "The Internet is not a cloud?"

For many people, it is easy to see the Internet as a "cloud," because of the way everything disappears up into thin air, and isn't seen until you need it right in your lap, or the palm of your hand. The cloud has always been a way of referring to anything that is stored on the Internet in real time, indefinitely. However, Facebook's data center specialists argue that it is all not just a cloud because of the vast space, hardware, and building, storing must take up. A cloud can simply go into the air and take up air rights (haha), but buying property to build a building to physically hold the amount of hardware, building, wiring, etc. that goes into the Internet is extremely extensive. Along with this, people must also consider the needs to maintain the Internet from not being burnt out, or losing power. Not only does the Internet take up mass amounts of space, but money plays a major role in the amount of Internet space that can be built. Because of the price for property, hardware, building, and the need for cool temperature locations, Facebook must expend lots of money to make sure they constantly have Internet storage for everything that occurs on their site. Another major reason Facebook data center specialists argue that the internet is not just a cloud is because of the amount of work that literally happens all in one building. When there is hardware tracking and keeping what you do, hardware tracking and keeping what Facebook does, and hardware tracking and keeping those interactions, it all happens at a location in a building between two or more sets of hardware within a Facebook internet holding location. The internet has always been something that was

built, and many people forget that because of the milliseconds and fast speed that everything can occur at. There is so much more that goes into it all than people realize.

Facebook had over 2.3 billion users as of December 31, 2018. If Facebook continues to employ engineers at the same rate as stated in the video, how many engineers does Facebook have?

As of 2023, Facebook holds 2.963 billion users, and in the video, it was mentioned that for every 1 million users, 1 engineer is employed. If 2.3 billion users were active on Facebook in 2018, they had an estimated 2,300 engineers working for the company. If Facebook has continued at the rate of 1 engineer for every 1 million users, and they currently have 2.963 active users, then Facebook is currently employing roughly 2,963 engineers.