

**1. If you had the opportunity to ask Vint one thing what would that be?**

Given the rise of quantum computing and artificial intelligence, are you concerned about the challenges of keeping the Internet safe from malicious actors? Does keeping the Internet “open” also affect its security? Since the video took place in the Southern California Linux Expo during 2022, it seems technology has evolved fairly rapidly. I am curious about the solutions (if any) could be proposed by Vint. With quantum computing abilities expanding, there are also possible threats to authentication and encryption and overall less security of data.

**2. What is one thing of interest you took away from this video?**

The decisions made in the early creation of the Internet and networks were interesting and some did not withstand the test of time. In the Linux expo video, Vint Cerf wished he would have established IPv6 instead of IPv4. During the initial development of IPv4, the calculations were based on the number of networks per country, the total number of countries worldwide, and number of computers per network. Although 4.3 billion IP possibilities was more than the world's population, in today's time, IPv6 is better suited for the plethora of existing devices. Moreover, he also expressed concerns about cybersecurity threats which are heightened due to the ubiquitous connection of every device.