

The day the Internet was created

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The title of this article might appear spurious, as there are enormous theories, stories and situations that claim the 'Renaissance of Internet'.

Let me first refresh the word 'Internet' first for those trying to find the grass roots of its evolution. In simple terms it is 'The Network of Networks'. Although simple to define it like this, the evolution and adoption of internet has gone through great modifications and as described by Mr. *Vincent-Cerf* that neither he nor his team had any idea what their work would lead into or the kind of opportunities internet could provide.

In addition to reading the articles of different researchers that will give us a clear idea about advent of internet, it also puts a different perspective to every theory other researchers have to say. Some of the researchers like Berners-Lee say that the model of internet now was not how it was intended to evolve. In-fact, the '/' –double slash after 'http.' was a wrong decision is what he thinks, whereas researchers at Stanford institute of Technology including Vincent-Cerf believed that they expected 'the internet to grow as enormous as it is. This is because, Cerf believes that while developing the TCP/IP protocol suite at DARPA, the IP suite was designed to support the ways or mode of carrying the data or packets over the network. The combined efforts of Cerf and Steve Crocker, who is the Chairman at the ICANN board which manages the DNS, has made it possible to send the communication between SRI and UCLA, but again though it was unsuccessful even in a single network, it is said that it was the first ever communication using the abilities of ARPAnet. With the admissible work that he has done on developing the MCI mail, the Federal Networking Council had provided the permission to use network space/bandwidth to be used for the research and later the services were made open for public and commercial use. Now when the way the IPv4 addressing scheme was not judiciously used and the world ran out of IPv4 addresses, the introduction of IPv6 was a wrong move.

There instead of designing where every single bit is supposed to reach and designing the IMPs which process and transfer the data, the team of individual researchers from different varsities decided to rather focus on architecture and anyone who wanted to use this standard can build on top of it. Hence Steve Crocker was assigned the job of listing the set of details that the architecture must encapsulate. This was the time when he came up with the term 'Request for Comments', a kind of mailing list in the early days. Now this has undergone a series of modifications since its introduction, and now it covers several aspects of protocol stacks, networking, programs and internet standards and concepts.

Thus internet has evolved with a great contribution from several groups and teams, but it will not be appropriate to associate any team or date for the creation of internet. Since Internet is at this stage because of the evolution of network protocols, writing the definition of RPC and rules, innovations like 'email communication' nor it is only because of the result of research work at CERN.