

Re: Hashcash function...

Source: <http://www.derkeiler.com/Newsgroups/sci.crypt/2003-11/0559.html>

From: Tom St Denis (tomstdenis_at_iahu.ca)

Date: 11/07/03

Date: Fri, 07 Nov 2003 12:55:55 GMT

"Grumble" <invalid@kma.eu.org> wrote in message
news:bofvt1\$d8\$1@news-rocq.inria.fr...

> *Tom St Denis wrote:*

> > *If I want to send you an email you're saying I need a 3Ghz P4 now?*

> > *[instead of say a 4MB ram buffer]*

>

> *When did RAM become able to perform computation?*

Gah?

Ok let's review again [for the sake of lazy people who don't follow threads...]

Ram back then, ~33Mhz. Ram now ~200Mhz

CPUs back then, ~25Mhz, CPUs now ~2Ghz [avg]

If you make memory the bottleneck you'll see that new machines will have a minimal advantage compared to if you just made the processor the bottleneck [as in the case of the original HC].

Heck if you could make the net the bottleneck [e.g. must contact a server X hops away] then you could really level it out more.

Tom