

Re: SBS2003 + Exchange smtp causing internet problems

Source:

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz2000/2004-09/0311.html>

From: SuperGumby [SBS MVP] (*not_at_your.nellie*)

Date: 09/06/04

Date: Mon, 6 Sep 2004 21:25:06 +1000

Kev's take (or my interpretation of it) sounds good to me.

Email was designed to send short text messages to another user. The ability to 'attach' files was added in version 73456902649855134543, but even then your 100KB attachment was 7bit encoded and resulted in a minimum 120KB message. Though more recent email systems handle binary data better (if both servers can agree on a protocol which doesn't result in the attachment being 7bit encoded during the SMTP conversation) email systems must be backward compatible and therefore often transfer files in a less than optimal manner.

Two anecdotes come to mind:

A client in aeronautics couldn't send me a 300K .gif using Outlook Express. A neat picture he had been sent by a mate of a (from memory) FA18 Hornet up around Mach1, there's a toroidal cloud which (often?) forms around the plane as it crosses the sound barrier. (I'm pretty sure this is the circumstances of the photo, been wrong before though). It was bouncing when he sent it to my ISP's mailbox. Got him to send it to me direct. First thing I noticed was that OE 5.? reported the collected email message as being 7MB in size. Of course, I forwarded it to all my mates, who exponentially sent it to more people, who had rx'd it from three or four of their mates already, some of them people I knew,,,

Another client couldn't send mail, bitchin' all the time about how the NEW SERVER was PATHETIC. Took a few months before we figured out he was sending a 3MB .bmp as a .sig. The listserv he was subscribed to kept sending back notices suggesting his 'Hi, please ignore this test. +.sig' was rejected because 'Items over 7MB cannot be posted to this group'. We'll clean up the 7gawdzillion messages in his sent items some day, I'm interested to find out whether Exchange has 'single instanced' the .sig, and whether it has maintained the single instance storage on the bounce messages.

rambling again.

"Kevin Weilbacher [SBS-MVP]" <kweilbacMVP@gte.net> wrote in message

microsoft.public.backoffice.smallbiz2000: Re: SBS2003 + Exchange smtp causing internet problems

news:e1xtO6zkEHA.3432@TK2MSFTNGP14.phx.gbl...

> *The way to fix it is to restrict sending such large files via email as
> attachments!*

>

> *Did you know that many of mail servers will restrict the size of incoming*

> *file attachments to 1-2mb?? That means that even if you could or can send*