

Re: OPA0 Console connection

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- *From:* "Tom Linden" <tom@xxxxxxxxxx>
 - *Date:* Mon, 13 Mar 2006 16:48:33 -0800
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On Tue, 14 Mar 2006 00:10:22 GMT, Hoff Hoffman <hoff@xxxxxxxxxx> wrote:

In article <ops6diokhnzgya@hyrrokkin>, "Tom Linden" <tom@xxxxxxxxxx> writes:
:Let me summarize what I have uncovered so far.
:
:firstly the COM1 port seems to be named TTA0 and the COM2 OPA0.
:Why not just call them COM1 and COM2?

Well, you can call them anything you want, of course. OpenVMS has always called the console port OPA0:, meaning -- if we changed it -- we'd tend to bust stuff. (And we tend not to like to do that when we can avoid it.)

Even more interesting, COM1 and COM2 don't always map the same way, as these can be an OP device or a TT device based on the system firmware configuration.

Just to make sure I understand, of the two ports (in this case) one being TTA0 and the other OPA0, do I have to be on OPA0 to speak to SRM or can I also do it from TTA0?

:If you need to use the other names, make them an alias.

What's an "alias", in this context?

If I wanted other names for a device, then I would tend to define site-specific logical names for the constructs -- but to define these tends to cause as many problems as it solves, as we learned back in MicroVAX days. (Do see the MICROVAX subroutine within SYLOGICALS.TEMPLATE.) We still define these old logical names, as there is stuff around that still uses them -- but the names don't scale particularly well, and users and programmers then eventually tend to use logical names or such to implement the required mapping for the particular application requirements.

Things are really getting interesting with devices and device

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naming and such, but that's fodder for another discussion —
and maybe one at the bootcamp.

Well it would be nice to have names like \$9\$dvd instead of \$9\$DQA0:
or \$9\$floppy instead of \$9\$DVA0:

:Secondly, suggested remedy in the FAQ, in fact
:disables login from that port, so that is not the right approach.

It is the correct approach. You have to disable the tuyahead to avoid
the bouncing logins, and you need to