

Re: terminal server for vax?

Source: <http://unix.derkeiler.com/Newsgroups/comp.sys.dec/2006-04/msg00049.html>

- *From:* legalize+jeeves@xxxxxxxxxxxxxxxxxxxx (Richard)
 - *Date:* Fri, 21 Apr 2006 00:16:51 +0000 (UTC)
-

[Please do not mail me a copy of your followup]

Hoff Hoffman <hoff-remove-this@xxxxxx> spake the secret code <tNT1g.6617\$rJ3.5841@xxxxxxxxxxxxxxxxxxxx> thusly:

Richard wrote:

Looking on ebay I see that there are a variety of products called 'DECserver'. So far they are all terminal servers. Is it safe to assume this name was only used for terminal servers?

I'd not assume anything about eBay posting, but that's just me.

Actually I was referring to what DEC named things. I know better than to trust ebay listings to be wholly accurate :).

Is there any qualitative difference in functionality between the DB25 port style DECservers and the RJ45 port style DECservers?

I'd tend to stick with DECserver 90-series boxes, or DECserver 700-series boxes, and — unless I needed modem control — I'd not worry about the difference between the MMJ connections and the DB25 connections.

Now that I've browsed more items on ebay, I see that there are three port types: DB25, RJ45 and MMJ. I also see that there are standalone boxes and 8 port units that plug into a backplane (DECserver 90 Hub, I think its called). Is the only difference between these the capacity, with the hub providing a range of capacity (and options since you can put more than terminal server boxes in the backplane)?

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The options I have are:

– PDP 11/03 running RT-11

Seems too underpowered. AFAIK RT-11 just allows one "console" session and the other serial ports are just treated as output devices (like to an LA-120).

You can potentially use reverse LAT, and have a terminal server connected "the other way 'round", and have it set up to accept incoming connections.

You mean that I would connect the console port to the terminal server and then by initiating something on the shell of a host connect through the terminal server to the console port of the 11/03 like it was a "host" on the network? That would be handy! is this simply a matter of configurin the port on the terminal server?

– VAXserver 4000/300 [...]

Off hand, I don't know that. You should be able to tell that with a SHOW LICENSE/CHARGE command; [...]

OK, I'll check that next time I power up the VAX.

All of the DIGITAL DECserver models I am aware of provide LAT, and OpenVMS has LAT built in. Very old OpenVMS VAX releases had rather limited LAT support, but anything from about V6.0 forward has reasonably full support.

I think I've got 5.3 on the VAX right now, but I had plans to upgrade it to the latest version with a hobbyist license (all the existing licenses are expired anyway).

Newer DECserver terminal servers — and "newer" being a very relative term here — can also provide IP connectivity.

Any guide for which models support IP connectivity?

Thanks for all the information, this is very encouraging!

—

"The Direct3D Graphics Pipeline"— code samples, sample chapter, FAQ:

<<http://www.xmission.com/~legalize/book/>>

Pilgrimage: Utah's annual demoparty

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<<http://pilgrimage.scene.org>>