

Re: Looking For Terminal Server That Can Give Each Serial Port a Unique IP

Source: <http://unix.derkeiler.com/Newsgroups/comp.sys.sun.admin/2003-12/0532.html>

From: Greg Andrews (gerg_at_panix.com)

Date: 12/31/03

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"CHANGE USERNAME TO westes" <DELETE_westes@earthbroadcast.com> writes:

>I am looking for a terminal server product that can map each serial port on
>the terminal server to a unique IP address. My application for this is
>management of several network devices through a GUI tool that expects to
>connect directly via telnet or a serial port to the device. The
>management software has no programmatic capability, so I have no way to
>negotiate my way through a terminal server's selection menu. What I need
>instead is the ability to configure the management tool with a unique IP
>address that will connect directly to the text stream of the device via
>telnet, thereby faking out the software into thinking it has a network
>connection to the device when in fact it has a serial connection.
>

Can't you configure the management software to use different TCP port numbers in the telnet command? Many terminal servers will connect you to a different port for each TCP port number. (e.g. TCP port 5001 = serial port 1, TCP port 5002 = serial port 2, etc.) Fewer terminal servers will assign a unique IP address to each serial port.

–Greg

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