

## Re: RAS Server for Win CE 4.20 (x86)

**Source:**

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.app.development/2004-08/0195.html>

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There is a master server enable switch as well as individual line on/off switches. When you use RASCNTL\_SERVER\_GET\_STATUS, it will return both the master switch setting as well as the individual line settings. When you write "i read the bEnabled value as 0", are you referring to the bEnable within the RASCNTL\_SERVERSTATUS structure (which is the master server switch), or the bEnable within a RASCNTL\_SERVERLINE structure?

Note that the RASCNTL\_SERVER\_ENABLE IOCTL is used to enable the master server switch.

Unless the defaults are acceptable, you will need to set up the baud rate, etc in the DeviceConfig blob. The sample code in public\common\oak\drivers\netsamp\rasserver\unimodemutil.c demonstrates how the speed can be set programatically. Here is a link to more info on this:

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/wceoak40/html/coconeditingdeviceconfiguration.asp>

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"Popoi" <Popoi@discussions.microsoft.com> wrote in message

news:1217524E-9946-498E-80D4-B82DF896EC19@microsoft.com...

> Hi all

>

> I'm trying to implement the RAS server in Windows CE 4.20 with little  
> success. I'm trying to follow the bullet points MS set up for starting it,  
> but i can't seem to get it running.

>

> What i have so far is a simple dialog app that does some basic querying of  
> the RAS server, i can enable and disable it.

>

> When i get the line information i find 2 lines: External Modem COM1: (a  
line

> i attempted to create) and Serial Cable on COM1: (something that was  
probably

> created by a code example from MS).

>

> However, when i query these lines using RASCNTL\_SERVER\_GET\_STATUS in  
> RasIOControl() i read the bEnabled value as 0. If i try to Enable any of  
> these lines, using RASCNTL\_SERVER\_LINE\_ENABLE, i get success, but when i  
> query again, bEnable is FALSE.

>

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> Secondly: Do i need to set up baud rate, parity, databits, etc for serial  
> connections and modems? If so, how is that done? I've read about the  
mystical  
> DeviceConfig byte array that is undocumented... am i on the right track,  
and  
> how can i use it? I've been trying to use RasDevConfigDialogEdit() with  
zero  
> success. It returns an error value of 659. The documentation does not  
specify  
> what this means, or what defines are returned by the