Cradlepoint SERIAL CONSOLE SUPPORT

Out of Band Management for connected devices

Supported Products: COR IBR600/IBR650, COR IBR1100/IBR1150; ARC MBR1400, ARC CBA750B, AER 2100

Not sold by CradlePoint
Example: USBGear USBG-RS232-F12
Note: **Must include FTDI Chipset**

Not sold by CradlePoint
Examples of 1 to 4 adapter to support Out of Band Management to 4 connected devices:
USBGear USBG-RS232 4 Port *or*
USB to 4 Port RS232 Serial Adapter DB9
Note: **Must include FTDI Chipset**

DB9 RS232 cable will attach directly to the IBR1100 & IBR1150

Key Features

- Remote out-of-band management
- Configure attached routers and devices
- Pass data with attached routers and devices
- Monitor health of attached routers and devices

Use Cases

Configure another routers settings, like Cisco or Juniper, through the CradlePoint.

If your Cisco or Juniper router goes down, use the CradlePoint router and it's mobile broadband internet connection to remotely connect to and debug the device for out-of-band management.

Communicate with any device with an RS-232 interface over the telnet session.

Monitor the health of an attached device with an RS-232 interface.

Overview

When enabled in System Settings -> Serial Redirector, it allows a USB-to-serial session to another device behind the router through a telnet session over the RS232 interface. That other device may be another router or device that has a RS232 serial console. A splitter may be used to connect multiple devices to the CradlePoint but only one serial connection can be active at a time. No security is placed on this connection in addition to any security of the serially attached device. A USB-to-serial adaptor that uses an FTDI chipset is required to use this feature on all products except IBR1100/IBR1150.

The IBR1100/IBR1150 supports this feature using the DB9 RS232 connector and does not use a USB to serial cable. The serial connection is enabled by default.

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