

Configure the device type of an XBee module

The device type of an XBee is determined by the value of two parameters: Coordinator Enable (**CE**) and Sleep Mode (**SM**). The first setting determines if an XBee module is coordinator or not, and the second one determines if the module is router or end device. Coordinators and routers cannot sleep, so the value for that setting must be always 0 (disabled).

	Configuration	Description
Coordinator	CE = 1 SM = 0	An XBee module is a coordinator if the CE setting is set to 1. When CE = 1, the value of the SM setting cannot be different than 0.
Router	CE = 0 SM = 0	An XBee module is a router if the CE setting is set to 0 and the sleep mode is disabled.
End device	CE = 0 SM = 1	An XBee module is an end device if it has any sleep mode enabled.

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