



## NETCONF Access for Configuration over BEEP

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The NETCONF Access for Configuration over BEEP feature allows you to enable either the NETCONF server or the NETCONF client to initiate a connection, thus supporting large networks of intermittently connected devices and those devices that must reverse the management connection where there are firewalls and network address translators (NATs).

The Network Configuration Protocol (NETCONF) defines a simple mechanism through which a network device can be managed, configuration data information can be retrieved, and new configuration data can be uploaded and manipulated. NETCONF uses Extensible Markup Language (XML)-based data encoding for the configuration data and protocol messages.

### Configuration Information

Configuration information is included in the “Network Configuration Protocol” module of the *Cisco IOS Network Management Configuration Guide*, Release 12.4T at the following URL:

[http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tnm\\_c/cnets/tnetconf.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcg/tnm_c/cnets/tnetconf.htm)

The following sections provide information about this feature:

- Prerequisites for NETCONF
- Restrictions for NETCONF
- Information About NETCONF
- How to Configure NETCONF
- Configuration Examples for NETCONF

For a complete list of features included in the “Configuring NETCONF” module, see the Feature Information Table located toward the end of the module.

### Command Reference Information

Command reference information is included in the *Cisco IOS Network Management Command Reference*, Release 12.2SR, at the following URL:

[http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/srnm\\_r/index.htm](http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/cr/srnm_r/index.htm)



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### **New or Modified Commands**

The following commands are new or modified for this feature:

- **netconf beep initiator**
- **netconf beep listener**

### **List of All Release 12.2SR Commands**

An alphabetical list of all Cisco IOS Release 12.2SR commands is in the *Cisco IOS Master Commands List*, Release 12.2SR, at the following URL:

<http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/122srmdx/122sridx.htm>

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