

NETCONF Commands

This module describes the commands used to use the NETCONF configuration protocol to define network operations with data models.

For detailed information about gRPC concepts, configuration tasks, and examples, see the *Use NETCONF Protocol to Define Network Operations with Data Modelsin the Cisco 8000 Series Router* module in the *Programmability Configuration Guide for Cisco 8000 Series Routers*.

NETCONF uses an Extensible Markup Language (XML)-based data encoding for the configuration data, as well as protocol messages.

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netconf-yang agent

To set the netconf-yang agent details such as netconf-yang version and netconf-yang session limits, use the **netconf-yang agent** command in the Global Configuration mode.

To remove the configured session version and limits, use the **no** form of the command.

netconf-yang agent { **netconf1.0** | **session** { **limit** *value* } }

Syntax Description

limit *value*	Sets the maximum count for concurrent netconf-yang sessions. The range is 1–1024.
session	Netconf -yang-agent session. You can provide the session settings, such as absolute, idle session time, number of sessions using this command.
netconf1.0	Provides NETCONF version 1.0 support as per the RFC-4741 and RFC-4742.

Command Default

By default, no limits are set

Command Modes

Global Configuration mode

Command History

Release	Modification
Release 5.3.1	This command was introduced.

Usage Guidelines

No specific guidelines impact the use of this command.

Task ID

Task ID	Operation
config-services	read, write

Example

This command shows how to use the **netconf-yang agent** command:

```
Router# config
Router(config)# netconf-yang agent netconf1.0
Router(config)# netconf-yang agent session limit 10

/*limit value sets the maximum count for concurrent netconf-yang sessions. The range is
from 1 to 128.*/
Router# end
```