



CNS Image Agent

The CNS Image Agent feature is an infrastructure in Cisco IOS software to enable automated installation and activation of Cisco IOS images on Cisco IOS networking devices.

Configuration Information

Configuration information is included in the “Cisco Networking Services” 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/ht_cns.htm

The following sections provide information about this feature:

- Prerequisites for CNS
- Restrictions for CNS
- CNS Image Agent
- Configuring the CNS Image Agent
- Retrieving a CNS Image from a Server
- Troubleshooting CNS Agents
- Enabling and Configuring CNS Agents: Example
- Retrieving a CNS Image from a Server: Examples

For a complete list of features included in the “Cisco Networking Services” 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 Networking Services Command Reference*, Release 12.2SR, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sr/ct/srnm_r/index.htm

New or Modified Commands

The following commands are new or modified for this feature:

- **clear cns image connections**
- **clear cns image status**



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- **cns id**
- **cns image**
- **cns image password**
- **cns image retrieve**
- **cns image retry**
- **debug cns image**
- **show cns image connections**
- **show cns image inventory**
- **show cns image status**

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/index.htm>

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