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Release Notes for Cisco 90 Series DSL Management Agent Release 2.0.0 and Cisco 90i Channel Units

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Introduction

These release notes discuss the following topics:

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Known Bugs and Limitations—Cisco 90 Series DSL Management Agent Software

This section lists the known bugs and limitations of the Cisco 90 Series DSL Management Agent software release 2.0.0.

- The agent's CLI has no timeout for automatically logging off an inactive user.
- With a low-speed connection (less than or equal to 64 kbps) to the Frame Relay switch, the agent reports link inactive after a short period of successfully handling SNMP traffic.
- The agent software has a small resource leak in one of its processes. In the worst-case scenario of constantly high SNMP traffic (24 hours a day, 7 days a week), this resource leak will cause the agent to reset after about one year in service.
- Repeatedly doing the following causes the agent to reset:
 - Disconnecting the WAN cable, then waiting for the link between the agent and Frame Relay switch to become inactive.
 - Reconnecting the WAN cable, then waiting for the link to become active again.
- The agent's CLI does not handle non-ASCII keys (for example, arrow keys). So if used in a command, the CLI will report the command as invalid, and you must reenter the command.

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Known Bugs and Limitations—Cisco 90i Channel Units

This section describes the known bugs and limitations of the Cisco 90i Channel Units.

- If the Cisco 90i subscriber port is configured to use PPP mode, the DSL status reported by the channel unit will not indicate the state of the PPP connection and will report the DSL status as “loopUp” as soon as the ISDN physical layer signaling is synchronized and activated.

Explanation of Limitation

The Cisco 90i reports DSL status as one of four values. The first two reflect the physical state of the ISDN signaling. The next two reflect the logical state of the Frame Relay link management protocol that is normally maintained between the Cisco 90i and the subscriber CPE configured for Frame Relay. In the case of a Cisco 90i port configured for PPP, there is no link management protocol and thus the loop is considered 'up' and ready for PPP traffic as soon as the physical ISDN signaling is synchronized and activated.

Cisco Connection Online

Cisco Connection Online (CCO) is Cisco Systems' primary, real-time support channel. Maintenance customers and partners can self-register on CCO to obtain additional information and services.

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- WWW: <http://www.cisco.com>
- WWW: <http://www-europe.cisco.com>
- WWW: <http://www-china.cisco.com>
- Telnet: [cco.cisco.com](telnet://cco.cisco.com)
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact cco-help@cisco.com. For additional information, contact cco-team@cisco.com.

Note If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or tac@cisco.com. To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6387, 408 526-7208, or cs-rep@cisco.com.

Additional Documentation

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more current than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at <http://www.cisco.com>, <http://www-china.cisco.com>, or <http://www-europe.cisco.com>.

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This document is to be used in conjunction with the *Cisco 90 Series Installation and Administration Guide* publication.

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