Release Notes for Cisco LocalDirector Version 4.1.2

January 2001

Note   The most current Cisco documentation for released products is available on Cisco.com at http://www.cisco.com. The online documents may contain updates and modifications made after the hardcopy documents were printed.

These release notes support Cisco LocalDirector Version 4.1 up to and including Version 4.1.2.

Contents

These release notes describe the following topics:

CISCO SYSTEMS

Caveats

Caveats describe unexpected behavior in Cisco LocalDirector software releases. This section lists the open and resolved caveats for LocalDirector Version 4.1.2.

Open Caveats - LocalDirector Version 4.1.2

This section describes possibly unexpected behavior by LocalDirector Version 4.1.2.

- CSCdt01487

  The LocalDirector proxy service does not properly complete a TCP half-close for the client side of the connection.

- CSCdt04453

  Invoking the **write floppy** command on a LocalDirector causes failover.

- CSCtd04459

  There is no password unlock feature for the LocalDirector 417 platform because this platform has no floppy drive.

- CSCdp06649

  Long-term connections are not preserved in stateful failover.

- CSCdt09272

  The Address Resolution Protocol (ARP) timeout value causes LocalDirector to report incorrect values at boundaries and then automatically reboots itself.

- CSCdt14979

  When you invoke the **configure network** command, LocalDirector reboots if the configuration file contains virtual and real servers.

- CSCds73709

  When failover communications are disrupted, the designation of a LocalDirector unit as a primary or secondary becomes inconsistent.

- CSCdr79225

  LocalDirector sends an Internet Control Message Protocol (ICMP) fragmented message to the correct interface but to the wrong real server.

Resolved Caveats - LocalDirector Version 4.1.2

All caveats listed in this section are resolved in LocalDirector Version 4.1.2.

- CSCdt02523

  LocalDirector automatically reboots after sending traffic to an out-of-service direct IP that backs up another direct IP.

- CSCdt05597

  Dynamic Feedback Protocol (DFP) functionality is no longer working in LocalDirector version 4.1.1.106 and later.

- CSCdt10069

  The **backup** command in LocalDirector version 4.1.1 does not work after LocalDirector is rebooted.

- CSCds15270

  When you invoke the **failover activ**e command, LocalDirector toggles uncontrollably between active and standby status.

- CSCds16499

  Content Load Balancing (CLB) directs requests to the wrong content server.

- CSCds20895

  LocalDirector takes 6 seconds to retransmit synchronous packets to a server when that server responds with a false acknowledgment (ACK) packet.

- CSCds40910

  When you upgrade LocalDirector to software Version 4.1.0.125 from a diskette, the old configuration file is automatically erased from LocalDirector.

- CSCds44090

  LocalDirector 417 will not boot the image from Finesse in a failover pair.

- CSCds45963

  LocalDirector allows you to temporarily mark a User Datagram Protocol (UDP) real server as a DIP server. This causes the LocalDirector system to automatically reboot when you invoke the **show dip** command.

- CSCds55544

  LocalDirector may run out of blocks with redirected traffic.

- CSCds59445

  When you upgrade from LocalDirector version 4.1.1 to 4.1.1.103, LocalDirector reboots while reading the configuration file.

- CSCds59858

  LocalDirector 430 automatically reboots when you test command-line interface (CLI) commands.

- CSCds65571

  LocalDirector crashes when you invoke the **write net** command.

- CSCds73544

  If the **service** command with the **clb-close** argument is enabled for a CLB virtual server, then no traffic can go to that virtual server.

- CSCdr74300

  LocalDirector automatically reboots when it runs out of connections.

- CSCds75101

  You cannot set LocalDirector using the **failover hellotime** command.

- CSCds79301

  The **predictor roundrobin** command does not work with Remote Authentication Dial-In User Servers (RADIUS).

- CSCds80630

  A virtual server that is associated with a rule that has a content-string of "*" will cause LocalDirector to reboot.

- CSCds81165

  Invoking the **clear configuration** command while content load balancing (CLB) traffic is running causes LocalDirector to automatically reboot.

- CSCds81176

  LocalDirector automatically reboots immediately when CLB traffic flows abundantly.

- CSCds81837

  When HTTP traffic does not match any rules defined, that traffic will be directed to the default virtual server (assuming one has been defined). This will cause LocalDirector to reboot.

- CSCds83016

  The content matching code was not correctly matching the HTTP request to the correct real server.

- CSCds83310

  LocalDirector automatically reboots when binding a URL to a virtual server that has a URL backup.

- CSCds84876

  You cannot change the LocalDirector IP address if it is not it in the LocalDirector's subnet.

- CSCds84982

  A bridge loop occurs if a crossover cable is used for stateful failover between interfaces on primary and secondary LocalDirector units.

- CSCds88634

  LocalDirector automatically reboots when you invoke the **clear configuration all** command.

- CSCds89213

  If the **fail active** command is issued on the secondary LocalDirector and traffic is currently being forwarded by the primary LocalDirector, the primary LocalDirector will reboot.

- CSCds90055

  Clients are unable to directly access real servers that are bound to virtual servers that have rules associated with them.

Related Documentation

Use these release notes in conjunction with the following documents:

- *Release Notes for Cisco LocalDirector Software Version 4.1.1*
- *Cisco LocalDirector Configuration and Command Reference Guide*
- *Cisco LocalDirector 417 Hardware Installation Guide*
- *Cisco LocalDirector Installation and Configuration Guide, Version 3.3*

Obtaining Documentation

The following sections provide sources for obtaining documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following sites:

- http://www.cisco.com
- http://www-china.cisco.com
- http://www-europe.cisco.com

Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or as an annual subscription.

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- Registered Cisco Direct Customers can order Cisco Product documentation from the Networking Products MarketPlace:

  http://www.cisco.com/cgi-bin/order/order_root.pl

- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:

  http://www.cisco.com/go/subscription

- Nonregistered CCO users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, in North America, by calling 800 553-NETS(6387).

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Obtaining Technical Assistance

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Cisco.com

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To access Cisco.com, go to the following website:

http://www.cisco.com

Technical Assistance Center

The Cisco TAC website is available to all customers who need technical assistance with a Cisco product or technology that is under warranty or covered by a maintenance contract.

Contacting TAC by Using the Cisco TAC Website

If you have a priority level 3 (P3) or priority level 4 (P4) problem, contact TAC by going to the TAC website:

http://www.cisco.com/tac

P3 and P4 level problems are defined as follows:

- P3—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.

- P4—You need information or assistance on Cisco product capabilities, product installation, or basic product configuration.

In each of the above cases, use the Cisco TAC website to quickly find answers to your questions.

To register for Cisco.com, go to the following website:

http://www.cisco.com/register/

If you cannot resolve your technical issue by using the TAC online resources, Cisco.com registered users can open a case online by using the TAC Case Open tool at the following website:

http://www.cisco.com/tac/caseopen

Contacting TAC by Telephone

If you have a priority level 1(P1) or priority level 2 (P2) problem, contact TAC by telephone and immediately open a case. To obtain a directory of toll-free numbers for your country, go to the following website:

http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml

P1 and P2 level problems are defined as follows:

- P1—Your production network is down, causing a critical impact to business operations if service is not restored quickly. No workaround is available.

- P2—Your production network is severely degraded, affecting significant aspects of your business operations. No workaround is available.

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