



Release Notes for Cisco Service Path Analyzer 1.0

OL-12858-01

Contents

[Introduction, page 1](#)

[System Requirements, page 1](#)

[Path Analyzer Management Console, page 2](#)

[Path Analyzer Server and Listener, page 2](#)

[Determining the Software Version, page 2](#)

[Features, page 3](#)

[Installation Notes, page 4](#)

[Limitations and Restrictions, page 4](#)

[Caveats, page 4](#)

[Troubleshooting, page 5](#)

[Obtaining Documentation, Obtaining Support, and Security Guidelines, page 5](#)

Introduction

This document contains information about Cisco Service Path Analyzer Release 1.0.

System Requirements

This section describes the system requirements for the Cisco Service Path Analyzer (hereafter referred to as Path Analyzer).



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Path Analyzer Management Console

This section describes the Path Analyzer Management Console hardware and software requirements.

Hardware Requirements

- Processor equivalent to 800 megahertz processing power. Recommended minimum: Intel Pentium Celeron processor.
- 256 Megabytes of Random Access Memory (RAM) minimum.
- Graphics card that can achieve 1024 x 768 pixels.

Software Requirements

- Microsoft Windows XP, NT, or 2000, or
- Unix-based operating system—Please verify with your Cisco Technical Support representative for supported distributions.

Path Analyzer Server and Listener

For information on required hardware and software configurations, consult these documents:

- *Cisco Application Deployment Engine 1010 and 2120 Appliance Hardware Installation Guide*
- *Cisco Application Deployment Engine 2130 and 2140 Appliance Hardware Installation Guide*

Determining the Software Version

From the user interface Main Menu, select **Help > About Path Analyzer**.

You can now install the Path Analyzer software from the System Administration window of the Administration Module.

or

Enter the URL of a web server where the installation file is located and click **Update**.

The `Uploading the image please wait` message is displayed. After the upload is complete, the Path Analyzer Server Upgrade, RD Server Software Upload page is displayed.

Step 1 Click **Reboot Page**.

The User Login Screen is displayed to authenticate you as the system administrator before rebooting the Path Analyzer Server.



Note User names and passwords are case-sensitive.

Step 2 Click **Login**.

The Path Analyzer System Reboot Panel, RD Server Reboot Panel is displayed.

Features

Table 1 describes the Path Analyzer features.

Table 1 Cisco Service Path Analyzer Release 1.0 Features

Major Functionality	Key Capabilities	Supported Protocols	Supported Services
User Interface	<ul style="list-style-type: none"> Thick-client graphical user interface: central user interface. Supported on Windows XP, Windows Vista, and approved UNIX-based operating systems. Web user interface: used for downloads, system performance metrics (e.g., CPU, memory, etc.), appliance diagnostics, etc. 	—	—
Topology Browser/Tabular Topology Information	<ul style="list-style-type: none"> Provides multiple levels of information about network elements and interfaces: <ul style="list-style-type: none"> Enterprise level (entire network) AS level Domain level Device and interface level Easy-to-use pivots to navigate between different views. 	OSPF, BGP, MP-BGP	Unicast, Static Multicast
Event Viewer	Provides trending information on BGP events.	BGP	—
Topology Map	<p>Provides multiple levels of information about network elements and interfaces.</p> <ul style="list-style-type: none"> Enterprise level (entire network) AS level Domain level Device and interface level <ul style="list-style-type: none"> Easy-to-use pivots to navigate between different views. 	OSPF, BGP	Unicast, Static Multicast
Event Manager and Log	<ul style="list-style-type: none"> Apply filters by event ID, time period, router ID, route, etc. Supports tagging to help categorize events and improve troubleshooting. 	OSPF, BGP, MP-BGP	—
Alarm Manager and Trigger Log	<ul style="list-style-type: none"> Alarms can be configured, viewed and filtered via the Alarm Viewer and Trigger Log. Alarm filters defined for BGP. 	OSPF, BGP	Unicast, Static Multicast
Service Manager	<p>Perform path computation between two end-points of a service</p> <p>Overlays service paths on network topology view</p> <p>Supports exploratory paths</p>	OSPF, BGP	Unicast, Static Multicast

Table 1 Cisco Service Path Analyzer Release 1.0 Features (continued)

Major Functionality	Key Capabilities	Supported Protocols	Supported Services
Reporting	<ul style="list-style-type: none"> On-demand reports and charts Periodic reports and charts Pre-scheduled one-time or periodic reports and charts. 	OSPF, BGP	Unicast, Static Multicast
History Player	Provides the ability to see the state of the network at different stages in the past.	OSPF, BGP	Unicast, Static Multicast
Platform Capabilities	<ul style="list-style-type: none"> Security—support for authentication/authorization. RADIUS support. Configuration management via both graphical user interface and XML import/export for easy upgrades. 	—	—
Remote Configuration	GRE tunnel support for peering with remote domains	OSPF, BGP	—
OSS Integration	<ul style="list-style-type: none"> Support for OSS systems via SNMP traps and syslog messages. Integration via APIs. 	—	—

Installation Notes

For information, see the *Cisco Service Path Analyzer Installation Guide*.

Limitations and Restrictions

There is no uninstallation functionality for Path Analyzer. If you want to reinstall the software, follow the normal loading procedure. The system automatically removes any existing version before installing a new version.

Caveats

[Table 2](#) provides information about known issues in the Cisco Service Path Analyzer 1.0 software.

Table 2 Open Caveats

ID	Description	Resolution
1743	GUI might have problems with installation on Windows Vista.	—
1956	Routers are often not displayed correctly but instead are displayed as crossed boxes.	—

Table 2 **Open Caveats**

ID	Description	Resolution
1957	The status indicator on the bottom of RD GUI for Listener status is not reflecting the current status.	—
1958	Inactive devices cannot be removed from the topology–BGP/MP-BGP.	—
2006	Icons stacked problem.	—
2007	Config Tool enhancements for auto-complete.	—
2030	No access to Authentication types under the User Configuration Wizard GUI.	—
2036	Listener and Server stats are not aligned in web UI.	—
2037	Continuation of Listener upgrade when failure occurs.	—
2039	Watchdog stopped running.	—
2049	OSPF Collector’s admin state could not be updated.	—
2105	BGP Next-Hop alarm does not trigger when alarm is configured. Only triggers on certain network events.	—
2039	Watchdog stopped running.	—
2069	No firewall rule on Server to allow connection from Listener at port 22.	—

Troubleshooting

For information, see Chapter 11: System Diagnostics and Troubleshooting, in the *Cisco Service Path Analyzer System Administration Guide*.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What’s New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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