



# Troubleshooting Workflow for Video Endpoints

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This section explains the following.

- [Troubleshooting Workflow for Video Endpoints, on page 1](#)

## Troubleshooting Workflow for Video Endpoints

### For Cisco Prime Collaboration Release 11.6 and later

You must understand the Cisco Prime Collaboration Assurance discovery workflow before reviewing this section. For information on the device discovery process, see the *Discover Devices* section in the [Cisco Prime Collaboration Assurance Guide- Advanced, 11.x](#).

During the troubleshooting workflow, the devices are polled, based on the values defined for the System Status Polling Interval, and Flow Statistics Polling Interval in the Conference Path Threshold Settings page.

During the troubleshooting workflow, the endpoints and conference devices are polled every minute to check the status.

You can view details, such as CPU utilization, memory utilization, interface, and so forth for a network device.



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**Note** Conference troubleshooting is not supported, if you have deployed Cisco Prime Collaboration Assurance in MSP mode

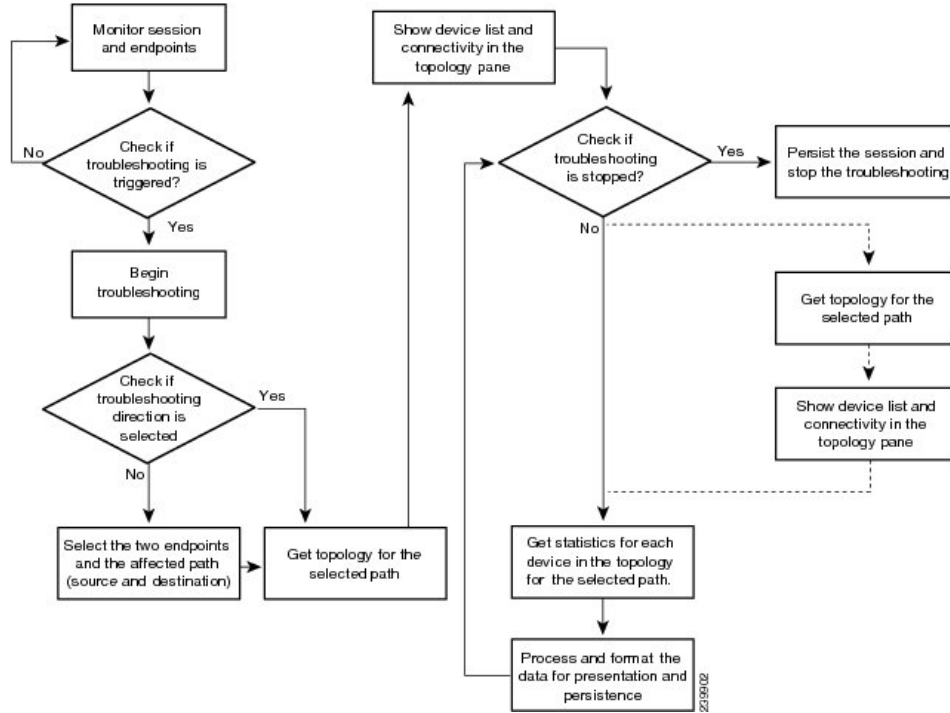
The troubleshooting workflow impacts the Cisco Prime Collaboration Assurance system performance. Add a conference or an endpoint to the watch list only if it is required.

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The troubleshooting workflow for a conference is represented below.

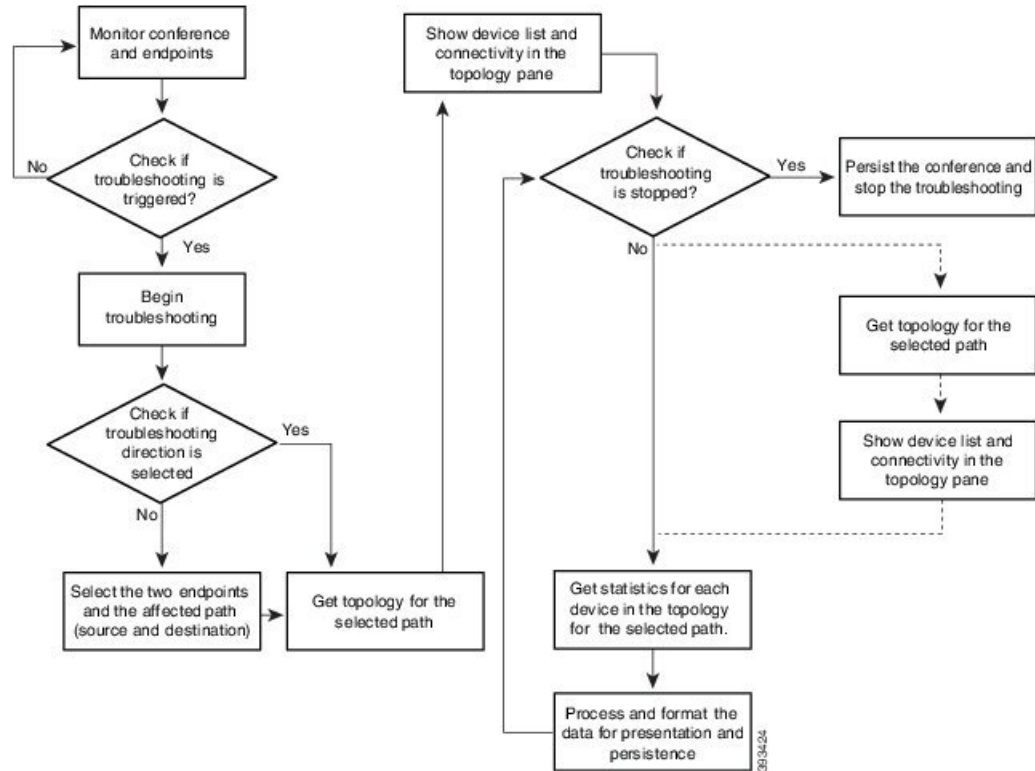
### For Cisco Prime Collaboration Release 11.1 and earlier

Figure 1: Troubleshooting Workflow for a Session



For Cisco Prime Collaboration Release 11.6 and later

Figure 2: Troubleshooting Workflow for a Conference



**Related Topics**

[Discover Devices](#)

## Features of the Troubleshooting Workflow

The following are the key features of the troubleshooting workflow:

- It can be started automatically or manually:
  - Automatic troubleshooting is triggered when the conference is added to the watch list.
  - Automatic troubleshooting is triggered when one of the endpoints is in the watch list. You can start a troubleshooting workflow only if the endpoints are in the Managed state.
  - Automatic troubleshooting is triggered if the value for packet loss, jitter, or latency alarm exceeds the defined threshold value. This is applicable only for a point-to-point conference.
  - Automatic troubleshooting is not triggered when the packet loss, jitter, or latency alarm occurs in a multipoint conference.
  - Manual troubleshooting can be started from the Conference Diagnostics page.

See [Start a Troubleshooting Workflow, on page 7](#) for details on how to start a troubleshooting workflow for conferences and endpoints.

- When there is a packet loss, jitter, or latency alarm between the two endpoints, the troubleshooting workflow starts if you have configured for the automatic troubleshooting; when this alarm is cleared, the troubleshooting workflow stops.
- Troubleshooting is supported between two endpoints in both directions. You can select the direction for troubleshooting between the endpoints, if you are manually starting the troubleshooting workflow.
- Troubleshooting is supported between a video endpoint and SBC. The troubleshooting direction is from a video endpoint to SBC, and not in the reverse direction.
- Troubleshooting is supported between an endpoint and Cisco TelePresence Server. The troubleshooting direction is from an endpoint to Cisco TelePresence Server, and not in the reverse direction.
- Troubleshooting is supported between an endpoint and Cisco MSE. The troubleshooting direction is from an endpoint to Cisco MSE, not in the reverse direction.
- Troubleshooting is supported between an endpoint and Cisco VCS. The troubleshooting direction is from an endpoint to Cisco VCS and not in the reverse direction.
- If the endpoint is in an Unknown state, you can troubleshoot from a known endpoint to this unknown endpoint. For multipoint conferences also, you can troubleshoot in the same manner.
- The troubleshooting workflow lasts for a maximum of four hours from the time it is started. If the troubleshooting workflow does not end within this time, Cisco Prime Collaboration Assurance ends the workflow automatically.
- You can have a maximum of 50 concurrent troubleshooting workflows at a time.  
If this limit is exceeded, an error message is displayed in the troubleshooting log file.

## Features of the Troubleshooting Workflow for Conferences

The following are the key behaviors of the troubleshooting workflow, when scheduled conferences are added to the watch list:

- The automatic troubleshooting workflow starts for all conferences added to the watch list.
- In a multipoint conference, the troubleshooting starts as soon as the endpoints join the conference.
- In a multipoint conference, if a troubleshooting is stopped for an endpoint, the troubleshooting workflow continues for the other endpoints in the conference. You need to manually start the troubleshooting for this endpoint.
- In a multipoint conference, if an endpoint restarts because of a problem, a new troubleshooting workflow is triggered for this endpoint after it rejoins the conference. There is no impact on the other endpoints in the conference.
- If a conference is removed from the watch list, the associated troubleshooting workflow stops, provided:
  - There are no packet loss, jitter, or latency alarms triggered for that conference.
  - There are no manually triggered troubleshooting workflows.
- If a troubleshooting workflow is triggered because of a packet loss, jitter, or latency alarm, the troubleshooting workflow stops when the packet loss, jitter, or latency alarm is cleared, provided:
  - The conference is not added to watch list.
  - There are no manually triggered troubleshooting workflows.

- The troubleshooting workflow is manually stopped, or the conference ends.
- If a troubleshooting workflow is triggered manually, the troubleshooting workflow can only be stopped manually; otherwise, it stops when the conference ends.
- If a conference is added again to the watch list, a new troubleshooting workflow starts.

## Features of the Troubleshooting Workflow for Endpoints

You can start a troubleshooting workflow only if the endpoints are in the Managed state. The following are the key behaviors of the troubleshooting workflow, when an endpoint is added to the watch list:

- The automatic troubleshooting for an endpoint starts as soon as it joins a conference. You can stop the troubleshooting workflow for a conference that is associated with an endpoint (added to a watch list). You need to manually start the troubleshooting for this conference.
- During the conference, if an endpoint is removed from the watch list, the troubleshooting stops for that endpoint.
- If a conference and the associated endpoints are part of the watch list and if an endpoint is removed from the watch list, the troubleshooting workflow continues for the conference until it ends.
- If a conference and the associated endpoints are part of the watch list and if the conference is removed from the watch list, the troubleshooting workflow continues for the endpoints, until they disconnect from the conference. That is, if the conference and endpoints are part of the watch list, the endpoints are given higher priority.
- For MRA endpoints, the troubleshooting legs are not displayed. For non-MRA endpoints, the troubleshooting workflow happens from the endpoints to the Cisco VCS with Cisco Collaboration Edge.

## Support Matrix for Troubleshooting Source and Destination Endpoints

The following table shows the details of troubleshooting support between source and destination endpoints:

### For Cisco Prime Collaboration Release 11.5 and earlier



**Note**

- In case of troubleshooting for multi-point calls, ensure that first hop router/ switch of the source device (for example MCU) has CLI access.
- For mediatrace statistics ensure that
  - 5-tuple (Source Address, Source Port, Destination Address, Destination Port, and Protocol) should be available on the source or destination device
  - There is mediatrace initiator in the path and it has mediatrace version 1.0 or 3.0 (2.0 is not supported).
- For devices such as MCU, CTMS and MXP, and E20, 5 tuple is not available.

### For Cisco Prime Collaboration Release 11.5 and earlier

Source	Destination
CTS	CTS, CTMS , C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber, , E20, Router

Source	Destination
C_CODEC	CTS, CTMS , VCS, C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber, MCU, E20, Router
CIUS	CTS, CTMS , C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber, MCU, E20
MXP	CTS, CTMS , VCS, C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber, MCU, E20
Phone	CTS, CTMS , VCS, C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber , MCU, E20
Cisco Jabber	CTS, CTMS , VCS, C_CODEC, TPS, CIUS, MXP, IP Phone, Cisco Jabber MCU, E20
POLYCOM	CTS, (CTMS) VCS, C_CODEC, TPS, CIUS, MXP,MCU, PHONE, Cisco Jabber, E20
E 20	E20, CTS, (CTMS), VCS, C_CODEC, TPS, CIUS,MXP, MCU, PHONE, Cisco Jabber,
Switch	Switch, Router
Router	Switch, Router, C_CODEC, MCU, TPS, (CTMS)
VSAA	VSAA
CTMS	CTS, Router
MCU	C_CODEC, E20, MXP, CUIS, IP Phone, Cisco Jabber, Router
TPS	C_CODEC, E20, MXP, CTS, CUIS, IP Phone, Cisco Jabber, Router
VCS	C_CODEC, E20, MXP, CUIS, IP Phone, Cisco Jabber,

**For Cisco Prime Collaboration Release 11.6 and later**

Source	Destination
Cisco endpoint	Cisco endpoint, MCU, TPS, virtual TPS, VG, CUBE, VCS, Expressway-Core, Unknown endpoint



**Note**

- Cisco Prime Collaboration Assurance supports troubleshooting only when the source device is a Cisco endpoint that contains 5-tuple information.
- Cisco Prime Collaboration Assurance does not support troubleshooting for Cisco Jabber endpoints.

# Start a Troubleshooting Workflow

You can start the troubleshooting workflow for a conference from the 360° Conference View in the Conference Diagnostics page.

## For Cisco Prime Collaboration Release 11.1 and earlier



**Note** To reduce troubleshooting time, it is recommended that the devices in the media path are already discovered and available in **Inventory** before you start troubleshooting.

You can start the troubleshooting workflow for an endpoint from the quick view window in the Endpoint Diagnostics page.

## For Cisco Prime Collaboration Release 11.6 and later

*Table 1: Launch Points for the Troubleshooting Workflow*

Troubleshooting Type	Launch Points
Automatic	<ol style="list-style-type: none"> <li>1. Choose <b>Diagnose &gt; Conference Diagnostics</b>.</li> <li>2. Select a scheduled conference.</li> <li>3. Rest your mouse pointer over the Conference Subject column in the Video Collaboration Conference table and click the 360° Conference view icon.</li> <li>4. Click <b>Add to Watch List</b>.</li> </ol>
Automatic	<ol style="list-style-type: none"> <li>1. Choose <b>Diagnose &gt; Conference Diagnostics</b>.</li> <li>2. Select an endpoint, which is in the Not In Use usage status.</li> <li>3. Rest your mouse pointer over the Endpoint Name column in the List of Endpoints table and click the quick view icon that appears.</li> <li>4. Click <b>Add to Watch List</b>.</li> </ol> <p>The troubleshooting workflow starts as soon as the endpoint joins a conference.</p>

Troubleshooting Type	Launch Points
Manual	<ol style="list-style-type: none"> <li>1. Choose <b>Diagnose &gt; Conference Diagnostics</b>.</li> <li>2. Select an in-progress conference. We recommend that you select an alarmed in-progress conference.</li> <li>3. Rest your mouse pointer over the Conference Subject column in the Video Collaboration Conference table and click the 360° Conference view icon.</li> <li>4. Click icon to launch the Troubleshooting page and select the direction from where you want to start the troubleshooting.</li> </ol>
Manual	<ol style="list-style-type: none"> <li>1. Choose <b>Diagnose &gt; Conference Diagnostics</b>.</li> <li>2. Select an endpoint, which is in the In Use usage status.</li> <li>3. Rest your mouse pointer over the Endpoint Name column in the List of Endpoints table and click the quick view icon.</li> <li>4. Click <b>Add to Watch List</b>. The troubleshooting workflow starts immediately.</li> </ol>

## Troubleshoot Data Analysis

You can view troubleshooting data for both in progress conferences and completed conferences, if manual or automatic troubleshooting is/was activated for conferences or endpoints.

After the troubleshooting job is completed the following data is displayed:

### Troubleshooting

You can view the topology (Layer 2 and Layer 3) for the selected direction between endpoints in the Path View tab.

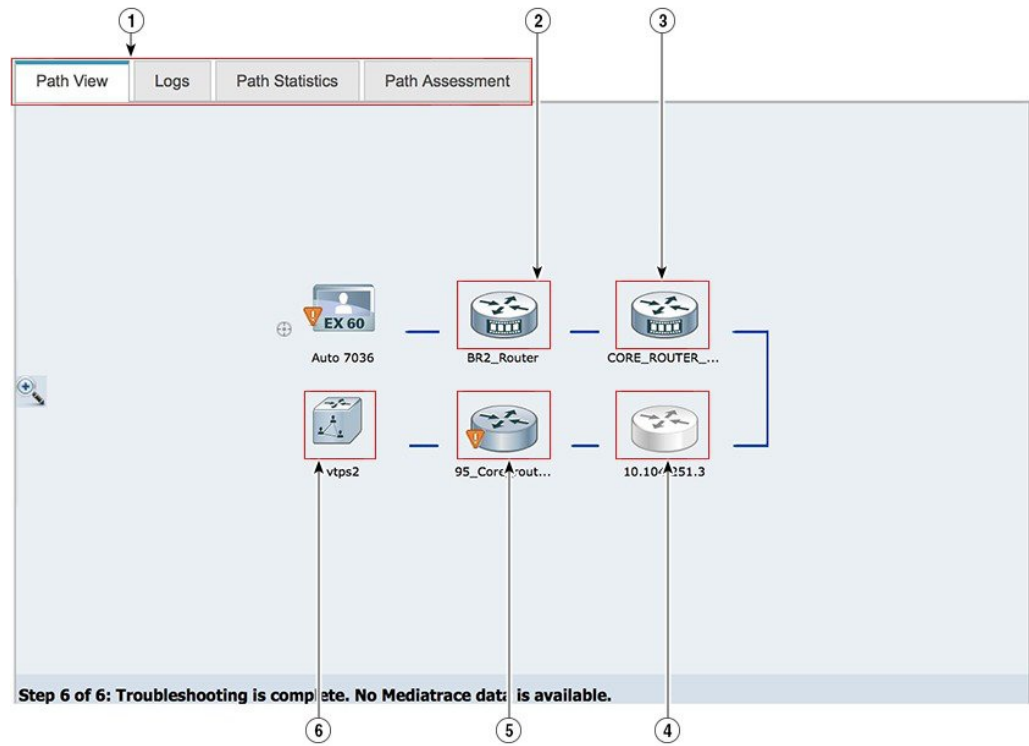
- A straight line between the devices indicates that the devices are directly connected to each other.
- A dotted line between the devices indicates that the devices may not be connected.

The following image shows a troubleshooting conference between endpoints.

**For Cisco Prime Collaboration Release 11.1 and earlier**



Figure 3: Troubleshooting Session Between Endpoints

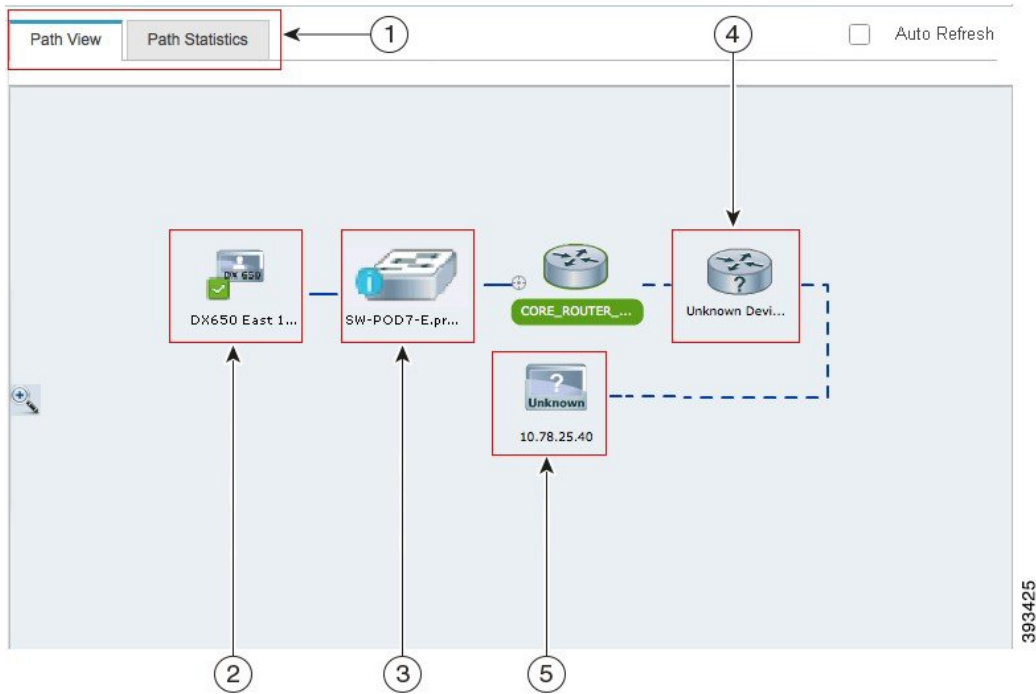


1	<p>Troubleshooting results tab.</p> <p>Based on the configurations (mediatrace, performance monitor) on the devices, some of the tabs may not be displayed.</p>	2	<p>Devices that contains the Cisco Prime Network Analysis Module (Prime NAM) application are displayed with an additional badge on the device. Inaccessible devices are displayed in gray.</p>
3	<p>Mediatrace enabled devices are displayed with an additional badge on the device.</p>	4	<p>Inaccessible devices are displayed in gray</p>
5	<p>An alarm badge on the endpoint indicates that there is a fault in the endpoint.</p>	6	<p>An information badge on a discovered device indicates that there is an issue with the Memory, CPU utilization, and/or Call Quality Statistics (RTP Packet Loss, RTP Packet Jitter, DSCP) for media flows.</p> <p>The threshold value for the Call Quality Statistics and utilization (memory and CPU) is defined in the Conference Path Threshold Settings page (<b>Alarm &amp; Report Administration &gt; Conference Path Threshold Settings</b>).</p>

If the devices are accessible, you can rest your mouse pointer over the device and click the quick view icon, to view the system, interface details.

**For Cisco Prime Collaboration Release 11.6 and later**

Figure 4: Troubleshooting Conference Between Endpoints



1	Troubleshooting results tab.	2	The source endpoint from where the troubleshooting is initiated.
3	The midpoint (router or switch) that is in the path. A blue badge on the midpoint indicates that the threshold value has exceeded the configured limit for Rx packet loss, jitter, or latency for all devices.  The threshold value is defined in the Conference Path Threshold Settings page ( <b>Alarm &amp; Report Administration &gt; Conference Path Threshold Settings</b> ).	4	Unknown devices that are not identified by Cisco APIC-EM. The unknown devices are displayed with a question mark (?).
5	The destination endpoint.  Cisco Prime Collaboration Assurance supports troubleshooting even when the destination device or endpoint is in Unknown state.		

**For Cisco Prime Collaboration Release 11.6 and later**

By default, the Conference Troubleshooting page auto refreshes every 30 seconds. To disable the auto refresh functionality, uncheck the **Auto Refresh** check box at the top right corner of the Conference Troubleshooting page. You can rest your mouse pointer over the device and click the quick view icon, to view the system, interface, and flow details.

The following table lists the system, interface, and flow details that are listed in the quick view.

**For Cisco Prime Collaboration Release 11.1 and earlier**

**Table 2: System, Interface, and Flow Details**

Field		Description	
Hostname		Hostname configured for the device.	
IP Address		IP address used for managing the device. You can launch to the endpoint or infrastructure device log in page, using this link.	
Mediatrace Capable This information is displayed only if you have enabled Mediatrace on the device.	Mediatrace Role	Configured Cisco Mediatrace role on the device.	
	IP SLA Role	Configured IP SLA role on the device.	
	Performance Monitor	Configured Performance Monitor.	
System Status	Physical Memory Utilization (in%)	Percentage of the physical memory utilization.	
	CPU Utilization (in%)	Percentage of the CPU utilization.	
	Interface Details	Operation Status	Administrative status of the interface as specified in the ifOperStatus object.
Input Metrics		The data displayed are based on the RFC1213 MIB attributes.	
Output Metrics		The data displayed are based on the RFC1213 MIB attributes.	
Network Diagnosis	This is displayed only if you are managing these devices in the Cisco Prime Network Analysis Module (Prime NAM) or Cisco Prime LMS.		

Field		Description
Media Flow Information	The following information is a consolidated report for all managed codec on the device. This information is displayed only if you have enabled Mediatrace on the device.	
	DSCP	DSCP value configured on the device.
	IP Packet Drop Count	Number of IP packets dropped.
	RTP Packet Loss	Packet loss indicated by the Real-time Transport Protocol (RTP).
	RTP Packet Jitter (RFC 3550)	Jitter indicated by the Real-time Transport Protocol (RTP).
	Ingress Interface	Details on ingress interface.
	Egress Interface	Details on egress interface.

**For Cisco Prime Collaboration Release 11.6 and later**

**Table 3: System, Interface, and Flow Details**

Field		Description
Hostname		Hostname configured for the device.
IP Address		IP address used for managing the device. You can launch to the endpoint or infrastructure device log in page, using this link.
System Status	Physical Memory Utilization (in%)	Percentage of the physical memory utilization.
	CPU Utilization (in%)	Percentage of the CPU utilization.
Interface Details	System Status	Administrative status of the interface as specified in the ifOperStatus object.
	Input Metrics	The data displayed are based on the RFC1213 MIB attributes.
	Output Metrics	The data displayed are based on the RFC1213 MIB attributes.
Media Flow Information		
<b>Note</b>	The negative value –1 indicates that the particular statistical data is not available from the platform/device.	

Field		Description
	DSCP	DSCP value configured on the device.
	IP Packet Drop Count	Number of IP packets dropped.
	RTP Packet Loss	Packet loss indicated by the Real-time Transport Protocol (RTP).
	RTP Packet Jitter (RFC 3550)	Jitter indicated by the Real-time Transport Protocol (RTP).
	Ingress Interface	Details on ingress interface.
	Egress Interface	Details on egress interface.

## Path Statistics

The Path Statistics View displays the statistics for each node in the path.

The following graphs are displayed in the Path Statistics View:

### CPU and Memory

The graph is displayed for all devices and includes the following information:

- The vertical axis (y-axis) provides the CPU utilization details of last 5 minutes as a percentage.
- The horizontal axis (x-axis) provides lists of all network devices that were discovered during the path trace.
- The spheres in the graph provides the processor memory utilization details as a percentage. The tool tip on the sphere indicates the exact memory utilization value.
- The size of the sphere varies, based on the processor memory utilization. The smaller the sphere size, the less the processor memory utilization.

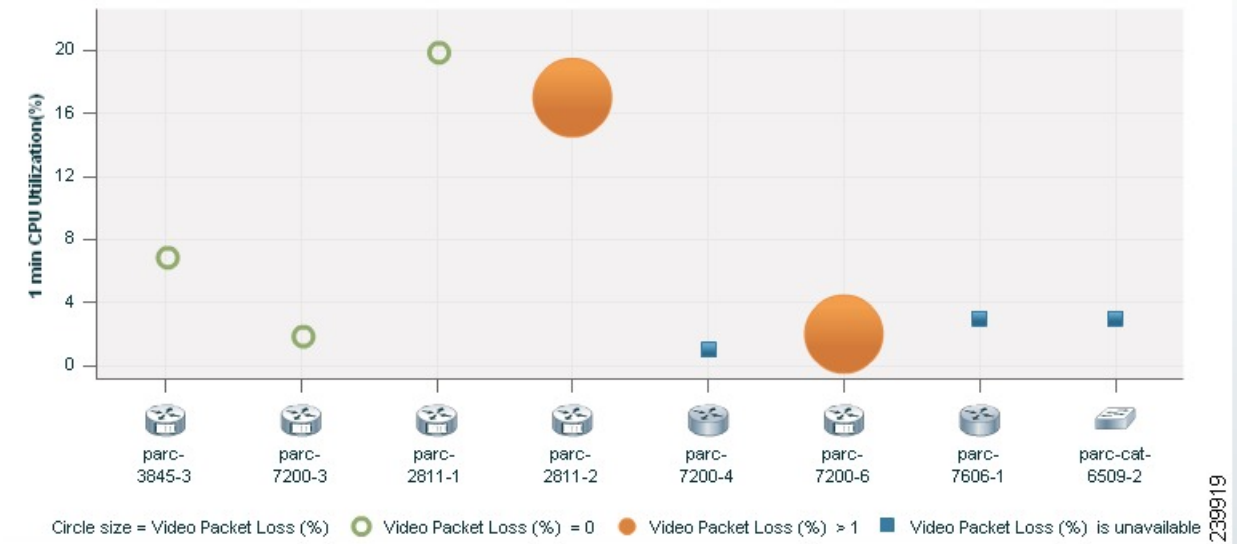
Click on the sphere (red icon) to view the system, interface, and flow details.

### CPU and Packet Loss

This graph is displayed for all devices and includes the following information:

- The vertical axis (y-axis) provides the CPU utilization details of last 5 minutes as a percentage.
- The horizontal axis (x-axis) provides lists of all network devices that were discovered during the path trace.
- The spheres in the graph provides video packet loss details as a percentage:
  - Green sphere indicates that the video packet loss is zero.
  - Orange sphere indicates that the video packet loss is more than 1%. The size of the sphere varies, based on the video packet loss. The smaller the sphere size, the less the video packet loss.  
You can click on the sphere to further analyze the packet loss at the interface-level.
  - Blue square box indicates that the perfmon counter statistics are not available from the devices.

Figure 5: CPU and Packet Loss Graph



Click on the sphere or square box (red icon) to view the system, interface, and flow details.

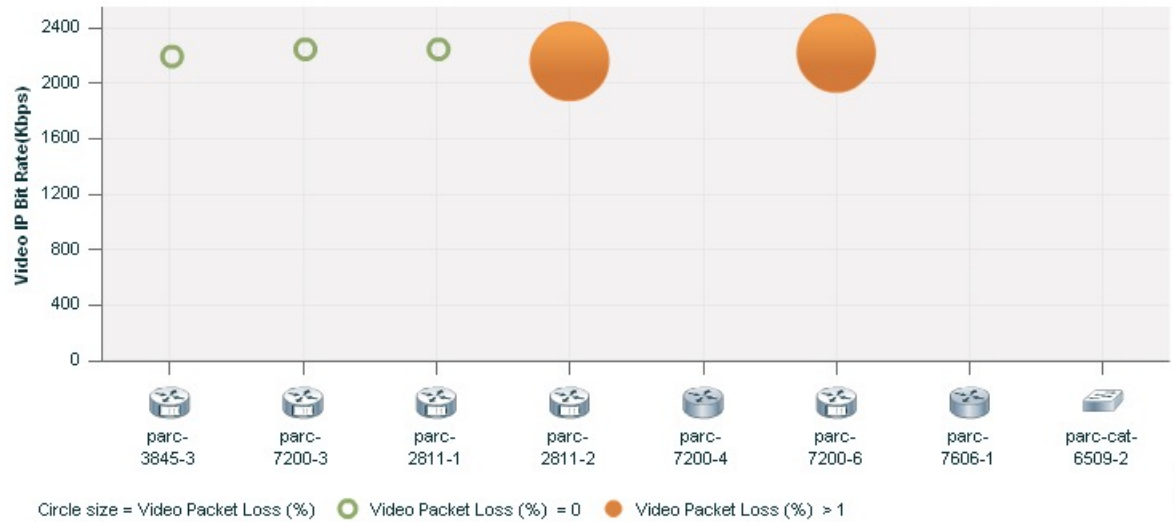
### Video IP Bit Rate and Packet Loss

This graph is displayed for all devices and includes the following information:

- The vertical axis (y-axis) provides the video IP bit rate in kilobits per second (kbps).
- The horizontal axis (x-axis) provides lists of all network devices that were discovered during the path trace.
- The spheres in the graph provides the video packet loss details as a percentage.
  - Green sphere indicates that the video packet loss is zero.
  - Orange sphere indicates that the video packet loss is more than 1%. The size of the sphere varies, based on the video packet loss. The smaller the sphere size, the less the video packet loss.

You can click on the sphere to further analyze the packet loss at the interface-level.

Figure 6: Video IP Bit Rate and Packet Loss Graph



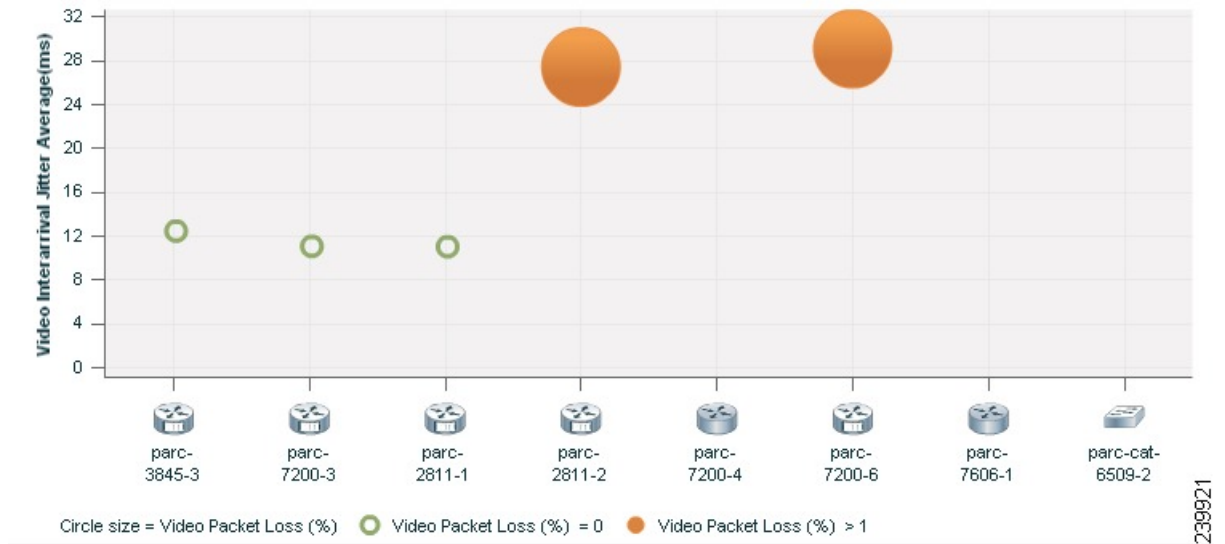
Click on the sphere (red icon) to view the system, interface, and flow details.

### Video Interarrival Jitter and Packet Loss

This graph is displayed for all devices and includes the following information:

- The vertical axis (y-axis) provides the average video interarrival jitter in milliseconds (ms).
- The horizontal axis (x-axis) provides lists of all network devices that were discovered during the path trace.
- The spheres in the graph provide the video packet loss details as a percentage.
  - Green sphere indicates that the video packet loss is zero.
  - Orange sphere indicates that the video packet loss is more than 1%. The size of the sphere varies, based on the video packet loss. The smaller the sphere size, the less the video packet loss.

Figure 7: Video Interarrival Jitter and Packet Loss Graph



Click on the sphere (red icon) to view the system, interface, and flow details.

### IP DSCP and Packet Loss

This graph is displayed for all devices and includes the following information:

- The vertical axis (y-axis) provides the average IP DSCP (Differentiated Services Code Point). This value is pre-configured on the device.
- The horizontal axis (x-axis) provides lists of all network devices that were discovered during the path trace.
- The spheres in the graph provides the video packet loss details as a percentage.
  - Green sphere indicates that the video packet loss is zero.
  - Orange sphere indicates that the video packet loss is more than 1%. The size of the sphere varies, based on the video packet loss. The smaller the sphere, lesser the video packet loss.

Click on the sphere (red icon) to view the system, interface, and flow details.

## Export Troubleshooting Data

You can export the data only after the conference ends. After the troubleshooting job is completed, the troubleshooting job status is displayed in the Conference Monitoring page.

To export the troubleshooting data:

**Step 1** Choose **Diagnose > Session Diagnostics**.

The Session Diagnostics page is displayed.

**For Cisco Prime Collaboration Release 11.5 and later**



Choose **Diagnose > Conference Diagnostics**.

The Conference Diagnostics page is displayed.

- Step 2** Select a past conference, where the troubleshooting status icon displays Troubleshooting Report Available.
- Step 3** Rest your mouse pointer over the Conference Subject column in the Video Collaboration Conference table and click the 360° Conference view icon.
- Step 4** Click **Export Troubleshooting Data** icon in the 360° Conference view window.

The Troubleshooting Report in the HTML file format appears in a new browser window.

## Understand the Export Troubleshooting Report

The export troubleshooting report contains the following details:

Report Field	Description
Conference Identifier	A unique ID for the conference.
Conference Subject	Displays whether the conference is ad hoc, scheduled, or static.
Conference Date	Date when the conference occurred.
Conference Start Time	Conference start time.
Conference Duration in Minutes	Duration of the conference.
Conference Type	Displays whether the conference is point-to-point or multipoint.
Endpoints	Details of the endpoints that were part of the conference.
Call Segment	Displays the direction that was used while troubleshooting.
Troubleshooting Conference	Start and end time of troubleshooting workflow.
Troubleshooting Conference ID	A unique ID for the troubleshooting workflow.
Troubleshooting Start Time	Start time of the troubleshooting workflow.
Troubleshooting Initiation	Displays whether the troubleshooting was started manually or whether it started automatically.

Report Field	Description
Path Topology and Metrics	<p>Displays information on the troubleshooting path topology and metrics.</p> <p>The following are the fields and their description:</p> <ul style="list-style-type: none"> <li>• Host Name/IP Address—Name of the host or IP address.</li> <li>• CPU Utilization (Max, Avg)—Displays the maximum and average CPU utilization.</li> <li>• Memory Utilization (Max, Avg)—Displays the maximum and average memory utilization.</li> <li>• Max Packet Loss (Video, Audio)—Displays maximum packet loss for video and audio.</li> <li>• Max Jitter (Video, Audio)—Displays maximum jitter for video and audio.</li> <li>• DSCP (Video, Audio)—Displays DSCP value for video and audio.</li> </ul>
Troubleshooting End Time	Start time of the troubleshooting workflow.
Troubleshooting Termination	Displays whether the troubleshooting workflow was ended manually or whether it stopped automatically.

## Cisco Prime Infrastructure Cross-Launch

Cisco Prime Collaboration Assurance allows you to perform network diagnosis using the Infrastructure applications. The Cisco Prime Infrastructure 4.1 and 4.2 versions are supported in Cisco Prime Collaboration Assurance.

Cisco Prime Collaboration Assurance requires the Cisco Prime Infrastructure hostname and user credentials to launch the Cisco Prime Infrastructure.

Prerequisites:

- You must ensure that the device is managed in both Cisco Prime Infrastructure and Cisco Prime Collaboration Assurance applications.
- You must ensure that all the required credentials for routers and switches are added in Cisco Prime Collaboration Assurance. For more information, see the [Setting Up Devices for Cisco Prime Collaboration Assurance](#).
- You must ensure that the network devices that contain the Cisco Prime Infrastructure software is accessible from Cisco Prime Collaboration Assurance.

Based on the Cisco Prime Infrastructure user privilege, you can launch the following features of the Cisco Prime Infrastructure application:

- Device View — A graphical device management tool that provides real-time views of network devices. These views deliver a continuously updated physical picture of device configuration and performance conditions.
- Connected Hosts — Displays details on all hosts that are connected to the access switch.
- Change Audit Report (24 hours) — Displays a summary of all changes on the device for the last 24 hours. The changes can be on the software image, configuration file, and hardware.
- View/Edit Configuration — Displays the archived device configuration file in the raw and processed format. If you have the required privilege you can also edit the configuration file.
- Faults (24 hours) — Displays details on the alerts and events that were triggered on the device in the last 24 hours.
- Syslog Messages — Displays details on the syslog messages that were triggered on the device.
- System Performance — Displays all performance parameters of the device, such as memory utilization, CPU utilization, interface utilization, environmental temperature, and poller failures.

## Cross-Launch Cisco Prime Infrastructure



**Note** For Cisco Prime Collaboration Release 11.5 and later

Cross launch of Cisco Prime Infrastructure from 360 Integration page is not supported for Cisco Prime Collaboration Assurance 11.5.

To setup cross-launch for Cisco Prime Infrastructure:

- Step 1** Choose **System Administration > 360 Integration**.
- Step 2** Enter the required details in the Cisco Prime Infrastructure Setup pane. See [Cisco Prime Infrastructure Pane - Field Descriptions](#) for more details on field descriptions.
- Step 3** Click **Save**.

### Cisco Prime Infrastructure Pane - Field Descriptions

*Table 4: Field Descriptions for the Cisco Prime Infrastructure Pane*

Field	Description
Cisco Prime Infrastructure Server	<p>Hostname or the IP address of the Infrastructure server.</p> <p>If you have deployed the Cisco Prime Infrastructure in a multiserver setup, you must enter the Cisco Prime Infrastructure master server details.</p>

Field	Description
Prime Infrastructure User and Password	<p>A dummy user, configured on the Cisco Prime Infrastructure server.</p> <p>The Cisco Prime CM server uses these credentials to interact with the Cisco Prime Infrastructure server internally. This user should not have any administrative-related privileges on the Cisco Prime Infrastructure server</p>