Release Notes

LifeSize UVC Transit

Release v4.1.1

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For the current product documentation for LifeSize UVC Transit and LifeSize UVC Platform, refer to lifesize.com/support.

Documentation Improvements

- The *LifeSize UVC Transit Deployment Guide* is updated with improved NAT configuration and annex O dialing sections.

Resolved Issues

Following are the major resolved issues in this release. Numbers in parentheses are used for internal tracking.

- LifeSize UVC Transit raises SNMP traps on all critical events. (TRA-2541)
- Clearing events in the Dashboard works as expected. (TRA-2192)

Known Issues

Following are known issues and workarounds, if available. Numbers in parentheses are used for internal tracking.

- After a SIP call from a public LifeSize video system to a LifeSize video system registered to LifeSize UVC Transit Server successfully completes, the call erroneously remains active at LifeSize UVC Transit Server, consuming resources until LifeSize UVC Transit Server is placed in maintenance mode. **Workaround:** Upgrade the LifeSize video systems to v4.11.8 or greater to resolve the issue. (TRA-2563)
- The LifeSize UVC Transit Client verification test reports the public address of a LifeSize UVC Transit Server behind a static NAT as 0.0.0.0 when all SIP ports are blocked in the internal firewall. The client detects the public IP of the server by sending STUN packets to port 3478 on the server. If this port is blocked there is no way to detect the server's public IP address. (TRA-2444)
- Redial string is not usable on the public video system when you dial from a private video system through LifeSize UVC Transit Server. (TRA-267)
- LifeSize UVC Transit configuration settings are not available in the auto-configuration files. (PLT-918)

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- LifeSize UVC Transit IPv6 support has the following limitations: (TRA-2288)
  - H.323 calls/registrations over IPv6 are not supported.
  - Network filtering does not support IPv6 addresses.
  - IPv6 only networks are not supported.
  - IPv6 enabled LifeSize UVC Transit is backward compatible to LifeSize Transit 3.5.6 and later. (TRA-2318)
  - All IPv6 calls through LifeSize UVC Transit consume a license. (TRA-2311)
- Deployment verification fails in Google Chrome v23 on 64-bit Microsoft Windows. **Workaround:** Use another supported browser.(TRA-2305)
- SIP calls over IPv6 from private video systems are not supported on public LifeSize Softphones. (TRA-2315)
- LifeSize UVC Transit Server might fail during a SIP call from a private system to a public system if LifeSize Transit server is configured with an unavailable DNS server. **Workaround:** Ensure that the DNS server is reachable. (TRA-2434)
- H.235 calls from public video systems registered to a neighboring LifeSize Transit Server with an external gatekeeper to video systems registered to the gatekeeper in the LAN fail. **Workaround:** Add an account on the gatekeeper in the LAN for the neighboring LifeSize Transit Server. (TRA-2506)
- In an environment with LifeSize UVC Transit Client, LifeSize UVC Transit Server, SIP calls from an IPv4 registered video system to an IPv6 registered video system fail at LifeSize Transit Server. **Workaround:** When registering an IPv6 enabled video systems to the SIP Registrar IPv6 address, enter the IPv6 address in full form without "::". (TRA-2511)
- Dialing an H.323 call to LifeSize Bridge registered to a gatekeeper through LifeSize Transit, to an unregistered public device fails. **Workaround:** Dial H.323 calls from unregistered public devices to registered public LifeSize Bridge conferences using the dial pattern *<transit server ip address>##<conference ID>**<password>*.
- Direct SIP registrations to LifeSize Transit Server may persist for more than an hour after they are unregistered. (TRA-2094)
- If the SIP signaling mode on LifeSize UVC Transit Client is not set to *Tunneled*, a SIP/TLS call between two systems in the same LAN registered to LifeSize UVC Transit Server via the same LifeSize UVC Transit Client consumes a license seat. (TRA-1975)
- H.323 calls between two systems in the same LAN registered to UVC Access via UVC Transit Client and UVC Transit Server consume a license seat in UVC Access and UVC Transit Server instead of consuming a license in UVC Transit Client. (TRA-1992)
- A backup of the settings on UVC Transit Server does not capture the public IP address for the signaling and media servers. **Workaround:** Reset these IP addresses through **Configuration : Server**. (TRA-1980)
- Backups from UVC Transit Server do not capture media and STUN settings. (TRA-1790)
- You cannot delete SIP domain routes named “*” with a tunnel ID on UVC Transit Server. (TRA-1977)
- The deployment verification feature may probe the wrong ports if you change the port range for TURN in **Advanced Media Settings**. (TRA-1181)
- To manage a LifeSize UVC Transit Server (that uses NAT) in LifeSize Control or LifeSize UVC Manager, use LifeSize UVC Transit Server’s public IP address (the IP address using NAT). Managing LifeSize UVC Transit Server in LifeSize Control or LifeSize UVC Manager using LifeSize UVC Transit Server’s internal IP address is not supported. Also ensure that all required ports are open on the IP address using NAT. Refer to the *LifeSize UVC Transit Deployment Guide* for port information. (CTL-5265)
- No audio or video is available in a SIP call between two devices in the same LAN when ICE is disabled. Both devices are registered to LifeSize UVC Transit Server. **Workaround:** Using STUN for traversal without ICE may result in a lack of audio and video for calls on the local network. LifeSize recommends enabling ICE on all LifeSize UVC Transit-enabled devices. If this is not possible, and multiple devices reside on the same LAN,

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from LifeSize UVC Transit Server navigate to **Configuration : Media : Enable UDP relay** and select *Non-ICE*. (TRA-1166)

- When a public LifeSize device is in a SIP call with seven LifeSize devices registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client and then starts and stops a presentation, the following issues may arise:
  - The **Status : Calls** page in LifeSize UVC Transit Server may not show all seven participants in the call.
  - Several of the private devices may have blank presentations. (TRA-468, TRA-469)
- When you use LifeSize UVC Transit to call parties who have public addresses and who are not using LifeSize UVC Transit, ensure that SIP fix up and deep packet inspection are disabled on the firewall between LifeSize UVC Transit Server in the DMZ and the open Internet. Some firewalls with these settings enabled will cause calls to be routed outside of LifeSize UVC Transit, resulting in call failure.

Product Limitations

Following are known limitations with LifeSize UVC Transit. Numbers in parentheses are used for internal tracking.

- Placing a call from a video system registered to LifeSize UVC Transit Server or LifeSize UVC Transit Client to another video system in the private network by dialing its private IP address is not supported. (TRA-377)

Interoperability

This release of LifeSize UVC Transit is supported with the following devices:

Supplier	Products
Avaya	Aura Session Manager: v6.1.1.0.611023
Cisco	IOS:12.4 (17a) CUCM: 7.1.3.10000-11 SX20: TC5.1.4.295090 1000 MXP: F9.0 NTSC 6000 MXP: F9.0 NTSC Codian MCU 4210: 4.3 (2.18) C20: TC5.1.5.297625 VCS Expressway: X7.2.1
GNU	GNU gatekeeper: 2.3.4
Polycom	VSX 7000: v9.0.6.2 VSX 8000: v9.0.6.2 HDX 9002: v3.0.5-22695 HDX 8000: v3.0.5-22695 PVX softclient: v8.0.16
Radvision	SCOPIA XT5000: 03.00.0115. v3_0_115B
Sony	G70: v02.65

NOTE: For a list of supported web browsers, refer to the latest release notes for LifeSize UVC Platform.

Interoperability Limitations

Following are the known limitations with third party products. Numbers in parentheses are used for internal tracking.

General

- No video is received on either end of a call between a public LifeSize video system registered to a LifeSize UVC Transit Server behind a Static NAT and a private third party video system registered to CUCM. The public video system is configured with a local domain on the server. **Workaround:** Set **Configuration : Media : Media mode** to *All*. (TRA-2435)

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- Cannot start presentation in a SIP call from a public LifeSize video system to a private third party video system registered to LifeSize UVC Transit Server through LifeSize UVC Client and a gatekeeper in the LAN. **Workaround:** Set **Enable UDP relay** to *All Nat* in LifeSize Transit Server under **Configuration : Media** to work with non LifeSize systems. (TRA-2447)
- In an environment with LifeSize UVC Transit Server in the DMZ with a static NAT, presentations might fail in SIP calls from a private LifeSize video system to a public, third party video system. **Workaround:** From LifeSize UVC Transit Server, navigate to **Configuration : Media** and set **Enable UDP relay** to *All NAT*. (TRA-2429)
- SIP calls through UVC Transit Server may fail from third party devices with low session expiration timer settings. (TRA-1845, TRA-1777)
- SIP calls fail from a private LifeSize Softphone or Polycom PVX soft client registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client to an unregistered public device. **Workaround:** Register the public device to LifeSize UVC Transit Server. The dial pattern is sip:username@<public_device_IP_address>. (TRA-1099)
- Third party SIP registrars do not support registration of public devices through LifeSize UVC Transit Client and LifeSize UVC Transit Server. (TRA-1333, TRA-1477)

Polycom

- Private Polycom HDX 8000 video systems registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client cannot use direct IP address dialing to unregistered LifeSize video systems. **Workaround:** Use a SIP URI in the form `sip@<IP_Address>` for the dial string. (TRA-2476)
- Presentation might fail in a SIP TLS call from public video system to a private Polycom HDX9000 that is registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client. (TRA-2491)
- A SIP call from a public Polycom VSX 7000 to a LifeSize Room registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client loses video to the Polycom device after connecting. Video is sometimes regained. (TRA-575)
- In an environment with LifeSize UVC Transit Client, LifeSize UVC Transit Server, and a gatekeeper, an H.323 call fails from a private, gatekeeper-registered Polycom VSX 7000 system to a public, unregistered LifeSize Bridge 2200. (TRA-689)
- An HDX 9000 or HDX 8000 registered to LifeSize UVC Transit Server reboots when placing or receiving an H.460 call from a public LifeSize device. (TRA-1720)

Radvision

- SIP calls from Radvision SCOPIA XT5000 registered to LifeSize UVC Transit Server through LifeSize UVC Transit Client to registered or unregistered public video system fail. **Workaround:** Ensure the registrar and proxy settings on SCOPIA are set to the LifeSize UVS Transit Client IP address. Use the dial pattern <username>@<publicvideosystemIPaddress>.

Cisco

- In an environment with LifeSize UVC Transit Client, LifeSize UVC Transit Server, and a gatekeeper, H.460 calls from a private Cisco C20 to a public unregistered LifeSize video communications system fail. (TRA-2523)
- H.323 calls fail from a device in the LAN registered to a Cisco IOS gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server to an unregistered public video system. **Workaround:** Use the Cisco IOS gatekeeper specific dial pattern *<Outbound_prefix><Public_IP>@<LifeSize_Transit_Client_IP>*. (TRA-1041, TRA-1275)
- CUCM does not support SIP calls from a private LifeSize device registered to CUCM to a public LifeSize device when using the public device's IP address as the dial string. (TRA-1479)
- CUCM does not support presentation and far end camera control. (TRA-1323)

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- A Cisco VCS gatekeeper disconnects calls after approximately 20 minutes in configurations where it is the gatekeeper in the private LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server. **Workaround:** Increase **VCS Configuration : H.323 : Call time to live** to a very high number, such as 10000 (3 hours). (TRA-1265)
- A Cisco C20 reboots continuously after SIP registration with LifeSize UVC Transit Server through LifeSize UVC Transit Client. **Workaround:** Set the Cisco C20 **Outbound** preference to *On*. (TRA-1252)
- In an H.323 conference hosted by a public Codian MCU not registered to LifeSize UVC Transit Server, video freezes on a LifeSize system registered to LifeSize UVC Transit Client and LifeSize UVC Transit Server for 25 seconds and then recovers when another similarly registered private LifeSize system leaves the conference. (TRA-579)
- A video system cannot directly dial a conference hosted on a Codian MCU using SIP, when one is public and the other is in a private LAN, registered to UVC Transit Server through UVC Transit Client. **Workaround:** Dial the Codian MCU by IP address and use the Codian MCU IVR conference list screen to select the conference. (TRA-528)

GNU

- H.323 calls fail from a public device registered to LifeSize UVC Transit Server to a device in the LAN registered to the GNU gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server. **Workaround:** Edit the .ini file for the GNU gatekeeper to set LifeSize UVC Transit Client as a neighboring gatekeeper. (TRA-926)
- H.323 calls fail from a device in the LAN registered to the GNU gatekeeper in the LAN with LifeSize UVC Transit Client and LifeSize UVC Transit Server to an unregistered public device. The GNU gatekeeper does not support outbound calls with H.323 ID. **Workaround:** Use the following dial plan: <outboundprefix><public_device_IP_address>@<UVC_Tranist_Client_IP_address> (TRA-925, TRA-899)

Contacting Technical Services

LifeSize Communications welcomes comments about our products and services. Send feedback about this or other LifeSize products to feedback@lifesize.com. Refer to lifesize.com/support for additional ways to contact LifeSize Technical Services.

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