Release Notes

LifeSize ClearSea Server

Release v3.0.7

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LifeSize recommends that you upgrade your LifeSize video systems to version 4.11.3 for the best performance with LifeSize ClearSea. Refer to the release notes for your LifeSize video systems for details. For all current product documentation, refer to lifesize.com/support.

CAUTION: Upgrading to LifeSize ClearSea Server v3.0.7 requires that your firmware be at v2.0.13 or later.

LifeSize strongly recommends that you create a backup before you upgrade. Downgrading to an earlier version requires that you have a backup available with a version earlier than or equal to the firmware being restored.

New Features

Following are the major new features in this release:

- To provision user accounts without the **ClearSea Test Call Contact**, the user account must be a member of a group whose properties you edit using one of the following methods:
  - Edit a group's properties from the Control Panel. Select **Remove "ClearSea Test Call entry"** in **Control Panel : SERVICE : Groups : Edit Group : Contacts**. By default, this option is not selected.
  - Set the **removeTestCallFromContacts** parameter in the **/service/groups** REST API resource to *true*. By default, this parameter is *false*.

  When registered to a LifeSize ClearSea Server, all users can dial **testcall** to ensure that LifeSize ClearSea Client is configured correctly.
- The status of your support contract is now available through software.lifesize.com and no longer appears on the LifeSize ClearSea Server Control Panel in **MAINTENANCE : License and Options**.
- If the LifeSize ClearSea Server license has been revoked, a new **Reactivate Server** option is available from the Control Panel in **MAINTENANCE : License and Options**.
- If your database is corrupted, you can revert to an empty database from the Control Panel in **MAINTENANCE : Restore Defaults**.

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- A new **Call Setup Timeout** option is available in **SERVICE : General**. The timeout in seconds applies to all outbound calls. LifeSize ClearSea Server ends the call as Unanswered if the far end does not answer within the configured timeout. The default setting is 30 seconds.

  NOTE: Editing the value of **Call Setup Timeout** might affect call routing rules.

- Two new match conditions are available for call routing: “is an IP address” and “is not an IP address.”

Resolved Issues

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

- If an H.323 call from LifeSize ClearSea Client to a video system registered to LifeSize UVC Transit disconnects for an unknown reason, LifeSize ClearSea Server places the same call again using the SIP protocol. (MC-340)
- This release of LifeSize ClearSea Server uses OpenSSL v1.0.1 to prevent SSL failures. (MC-349)
- You can now successfully export and import all accounts in CSV format from the Control Panel in **SERVICE : Accounts**. (MC-375)
- LifeSize ClearSea Server prevents you from configuring the default gateway (route 0.0.0.0) from the Control Panel in **SYSTEM : Static Routes**. (MC-376)
- In a call from a LifeSize ClearSea Client to a LifeSize Room 220 system, audio from the ClearSea Client sending a presentation no longer fails 30 minutes into the presentation. (MC-402)
- Malformed H.323 packets no longer cause LifeSize ClearSea Server to fail. (MC-389)
- Licensing and provisioning LifeSize ClearSea Clients correctly activates the G.722.1 audio codec. (MC-386)
- LifeSize ClearSea Server detects the correct active byte order when using the G.722.1C audio codec, improving audio quality. (MC-407)
- Calls between LifeSize video systems running v4.11.1 software through LifeSize ClearSea Server support up to 1080p30. (MC-195)

Known Issues

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

- LifeSize ClearSea Server cannot upload the banner for iOS clients when port 80 is blocked on the server. (MC-399)
- When upgrading from a release previous to v3.0.4, local credentials for existing accounts with an empty string as a password are no longer available. If you have configured the internal authentication method, these users will be unable to log in. You must reconfigure the credentials of these local accounts.

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Documentation Errata

This section lists updates to the REST resources and JSON data types for LifeSize ClearSea.

REST Resources

Method	Name	Description	Notes
/service/accounts resource			
GET method	userID	Return only the account with the specified userID (exact match).	optional
	expiryDate	Filter by expiration date. Date format is *YYYY-MM-DD +ZZZZ* (year-month-day +timezone).	User only, optional
	email	Filter by email (exact match).	User only, optional
	description	Filter by account description (exact match).	User only, optional
	hasLocalCredentials	Filter by accounts that have associated local credentials. Valid values are *true* and *false*.	User only, optional
	password	Filter by password (exact match).	User only, optional
	logins	Filter by number of logins.	User only, optional
	outboundCalls	Filter by number of calls placed.	User only, optional
	incomingCalls	Filter by number of calls received.	User only, optional
	lastLoginDate	Filter by date of the last login. Date format is *YYYY-MM-DD +ZZZZ* (year-month-day +timezone).	User only, optional
	lastCallDate	Filter by date of the last call. Date format is *YYYY-MM-DD +ZZZZ* (year-month-day +timezone).	User only, optional
POST method	expiryDate	Sets an optional expiration date for the account, with format *YYYY-MM-DD +ZZZZ* (year-month-day +timezone). If not specified the account never expires (default is null value).	User only, optional
/service/accounts/{userID} resource			
POST method	expiryDate	Set or modify an optional expiration date for the account, with format *YYYY-MM-DD +ZZZZ* (year-month-day +timezone). You can use an empty string to remove the expiration date (the account will never expire).	User only, optional
/service/groups resource			
POST method	imEnabled	Specifies if the instant messaging feature is enabled. Valid values are *true* (the default) and *false*.	optional
/service/callHistory resource			
GET method	startDate	Filter by date and time when the call was placed (exact match). Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	optional
	endDate	Filter by date and time when the call was terminated (exact match). Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	optional
POST method	startDate	The date and time when the call was placed. Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	optional
	endDate	The date and time when the call was terminated. Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	optional

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Method	Name	Description	Notes
/service/logFiles resource			
GET method	date	Filter by date (exact match). Date format is *YYYY-MM-DD +ZZZZ* (year-month-day +timezone).	optional

JSON Data Types

Name	Description	Notes
Account data type		
expiryDate	A date specifying when this account will expire. Date format is *YYYY-MM-DD +ZZZZ* (year-month-day +timezone). If not present the account does not expire.	optional
lastLoginDate	Date and time of the last login. Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	User only
lastCallDate	Date and time of the last call. Format is *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	User only
CallHistory data type		
startDate	The date and time when the call was placed, , with format *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	None
endDate	The date and time when the call was terminated, with format *YYYY-MM-DD hh:mm:ss +ZZZZ* (year-month-day hours:minutes:seconds +timezone).	None

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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