

## Configuring SIP for LifeSize Multipoint with LifeSize Transit

This document explains how to configure and use SIP conferencing on LifeSize Multipoint MCUs in an environment using LifeSize Transit Server and LifeSize Transit Client.

### Configuring SIP Conferencing on LifeSize Multipoint 12/24

1. In a browser, enter the IP address of the LifeSize Multipoint 12/24.
2. Log in using administrator credentials.
3. Click the **Settings** tab.
4. Enter a numeric value, for example, 2215, for **Multipoint Identifier** (default is *LS MCU*.)
5. Create an account in LifeSize Transit Server for this MCU:
  - a. In a separate browser window, enter the LifeSize Transit Server IP address.
  - b. Log in using administrator credentials.
  - c. Navigate to **Provisioning : Create User**.
  - d. In the **Tunnel** section, create a **User ID** of the form *<Multipoint Identifier>-<Multipoint IP address>*. For example, if the IP address for LifeSize Multipoint is 10.70.9.171, the **User ID** must be *2215-010070009171*. Each component of the IP address must be expressed as three digits. Thus, 10 is expressed as 010 and 9 is 009.
  - e. For **Password**, re-enter the user ID.
  - f. For **SIP ID**, enter *<user ID>@<Lifesize Transit Server IP address>*. For example, if the IP address of LifeSize Transit Server is 1.2.3.4, enter *2215-010070009171@1.2.3.4*.
  - g. For **SIP Digest User Name**, enter the user ID (in this example, *2215-010070009171*).
  - h. For **SIP Alias**, enter the user ID (in this example, *2215-010070009171*).
  - i. For **Password**, re-enter the user ID.
6. Return to the LifeSize Multipoint user interface and click the **Protocols** tab.
7. Click the **SIP** tab.
8. In the **SIP protocol** section, enter the following:
  - a. In **Default SIP Domain**, enter the IP address of the LifeSize Transit Server.
  - b. Leave **Using the Microsoft LCS/OCS** unselected.
  - c. For **SIP Server**, select **Specify**.
  - d. For **IP Address**, enter the IP address of LifeSize Transit Client.
  - e. For **Port**, enter *5060*.
  - f. For **Type**, select *UDP*.
  - g. Select **Treat as outbound proxy**.
  - h. Select **Use Registrar**.
  - i. For IP address, enter the IP address of LifeSize Transit Client.
  - j. For **Port**, enter *5060*.
  - k. For **Type**, select *UDP*.
9. Click **Upload**.
10. To confirm the configuration, return to the LifeSize Transit Server user interface, navigate to the **Registered SIP Users** page, and confirm that the MCU ID, *2215-010070009171*, is listed.

## Configuring SIP Conferencing on LifeSize Multipoint 230

1. In a browser, enter the IP address of the LifeSize Multipoint 230.
2. Log in using administrator credentials.
3. Navigate to **Configuration : Settings**.
4. Enter a numeric value, for example, 2215, for **Product Identifier**.
5. Create an account in LifeSize Transit Server for this MCU.
  - a. In a separate browser window, enter the LifeSize Transit Server IP address.
  - b. Log in using administrator credentials.
  - c. Navigate to **Provisioning : Create User**.
  - d. In the **Tunnel** section, create a **User ID** of the form *<Product Identifier>-<Multipoint IP address>*. For example, if the IP address for LifeSize Multipoint 230 is 10.70.9.171, the **User ID** must be *2215-010070009171*. Each component of the IP address must be expressed as three digits. Thus, 10 is expressed as 010 and 9 is 009.
  - e. For **Password** re-enter the user ID.
  - f. For **SIP ID**, enter *<user ID>@<Lifesize Transit Server IP address>*. For example, if the IP address of LifeSize Transit Server is 1.2.3.4, enter *2215-010070009171@1.2.3.4*.
  - g. For **SIP Digest User Name**, enter the user ID (in this example, *2215-010070009171*).
  - h. For **SIP Alias**, enter the user ID (in this example, *2215-010070009171*).
  - i. For **Password**, re-enter the user ID.
6. Return to the LifeSize Multipoint user interface and navigate to **Configuration : Protocols**.
7. In the **SIP protocol** section, enter the following:
  - a. In **Default SIP Domain**, enter the IP address of the LifeSize Transit Server.
  - b. For **SIP Server**, select **Specify**.
  - c. For **IP Address**, enter the IP address of LifeSize Transit Client.
  - d. For **Port**, enter *5060*.
  - e. For **Type**, select *UDP*.
  - f. Select **Use Registrar**.
  - g. For **IP address**, enter the IP address of LifeSize Transit Client.
  - h. For **Port**, enter *5060*.
  - i. For **Type**, select *UDP*.
8. Click **Apply**.
9. To confirm the configuration, click the **Status** tab and verify that the green arrow points towards the **SIP Server** box.

## ***Enabling Direct Dialing to a Multipoint Conference***

Following are the steps to enable a video conferencing system to directly dial a specific conference on LifeSize Multipoint 12/24 or LifeSize Multipoint 230 in an environment using LifeSize Transit Client and LifeSize Transit Server:

1. Create a conference ID on the MCU with **Prefix** = 98 and **Unique number** = 45 (**Conference ID** = 9845).
2. Create a user account on the LifeSize Transit Server with a **User ID** identical to the **Conference ID** (prefix + unique number) you created on the MCU. For example, the LifeSize Transit server configuration for a LifeSize Multipoint Conference ID of 9845 (prefix = 98, unique number = 45) is:
  - a. **User ID** = 9845
  - b. **Password** = 9845
  - c. **SIP ID** = 9845@<LifeSize Transit Server IP address>
  - d. **SIP Digest User Name** = 9845
  - e. **SIP Alias** = 9845
  - f. **H323 Alias** = 9845
  - g. **H323 User Number** = 9845
  - h. **Password** = 9845
3. Click **Add**.
4. Check the **Registered SIP users** page on the LifeSize Transit Server and ensure that user *9845@Transit Server IP* is registered.
5. An external video communication system can join the conference directly by dialing *9845@<LifeSize Transit Server IP address>*.