LifeSize® Transit™ Client
Virtual Appliance Installation Guide

September 2010

September 2010

Copyright Notice

©2010 Logitech, and its licensors. All rights reserved.

LifeSize Communications, a division of Logitech has made every effort to ensure that the information contained in this document is accurate and reliable, but assumes no responsibility for errors or omissions. Information in this document is subject to change without notice. Companies, names, and data used in examples herein are fictitious unless noted. This document contains copyrighted and proprietary information which is protected by United States copyright laws and international treaty provisions. No part of the document may be reproduced or transmitted, in any form or by any means, electronic or mechanical, for any purpose, without the express written permission from LifeSize Communications.

Trademark Acknowledgments

LifeSize, the LifeSize logo and other LifeSize marks, are owned by Logitech and may be registered. All other trademarks are the property of their respective owners.

Patent Notice

For patents covering LifeSize® products, refer to lifesize.com/support/legal.

Contacting Technical Services

LifeSize Communications welcomes your comments regarding our products and services. If you have feedback about this or any LifeSize product, please send it to feedback@lifesize.com. Refer to lifesize.com/support for additional ways to contact LifeSize Technical Services.

Installation Overview

LifeSize Transit Client is a standalone multi-user SIP and H.323 firewall and NAT traversal client that works with LifeSize Transit Server. The server and the client software are available preinstalled on 1U rack-mountable devices. LifeSize Transit Client is also available as a VMware virtual appliance. This guide describes how to install LifeSize Transit Client as a virtual appliance. For information about installing LifeSize Transit Client as a 1U rack-mountable device, refer to the *LifeSize Transit Installation Guide* available at lifesize.com/support.

Installing LifeSize Transit Client as a virtual appliance includes preparing a host machine, deploying the virtual appliance, completing the initial configuration of the virtual appliance, and obtaining a license. After you complete these tasks, you must configure additional settings in the web administration interfaces of LifeSize Transit Server and LifeSize Transit Client, on your firewall, and on video communications systems or other devices that you intend to use with LifeSize Transit Client. Refer to the *LifeSize Transit Deployment Guide* for information about how to complete these tasks for the applicable deployment scenario in your environment. The guide is available at lifesize.com/support.

Installation Prerequisites

Complete the following tasks before installing LifeSize Transit Client as a virtual appliance:

- Read the *LifeSize Transit Deployment Guide* to determine the proper placement of LifeSize Transit components in your network and the associated firewall requirements.
- Ensure that VMware ESXi version 4.0.0 is installed and running on the host machine on which you intend to install LifeSize Transit Client as a virtual appliance.
- LifeSize Transit Client as a virtual appliance must be able to acquire an IP address through DHCP. Ensure that the host machine is connected to your network and capable of acquiring IP addresses using DHCP.
- Obtain a static IP address for LifeSize Transit Client. After you install LifeSize Transit Client as a virtual appliance, configure it with a static IP address. Refer to “Completing the Initial Configuration” on page 5.
- Ensure that VMware vSphere Client version 4.0.0 (Windows only) is installed on the computer from which you intend to access the VMware server.
- Virtual machine requirements:
  - VCPU: 1
  - Memory: 1 GB
  - Disk Space: 2 GB
  - Network Interfaces: 10/100/1000 Ethernet Adapter

Installing LifeSize Transit Client Virtual Appliance

1. Enter lifesize.com in a browser and navigate to **Products > LifeSize Transit**. Follow the instructions to register for a demo of LifeSize Transit Client. A LifeSize sales representative will contact you with instructions for downloading the software.
2. After you have downloaded the software, start the VMware vSphere Client by selecting **Start > All Programs > VMware > VMware vSphere Client**.
3. Enter the IP address of the VMware ESXi server in **IP address/Name**.
4. Enter an administrator user name and password.
5. Click **Login**.
6. On the **File** menu of the VMware vSphere Client, select **Deploy OVF Template**.
7. In the **Deploy OVF Template** dialog box, complete the following steps:
   a. On the **Source** page, click **Deploy from file**.
   b. Click **Browse** and select the virtual appliance file that you downloaded in step 1.
   c. Click **Next**.
   d. On the **OVF Template Details** page, click **Next**.
   e. On the **Name and Location** page, `LifeSize Transit Client` appears as the name of the virtual appliance. If you wish to edit this name, enter the new name in the **Name** text box.
   f. Click **Next**.
   g. Select a datastore and then click **Next**.
   h. On the **Ready to Complete** page, verify the virtual appliance details and then click **Finish**.
8. A dialog box appears with the message `Deploying` *`vm-name`*, where *vm-name* is the name of the virtual appliance that you chose in step 7. When a message appears indicating that the appliance is successfully installed, click **Close**.

Completing the Initial Configuration

1. Power on the LifeSize Transit Client virtual appliance:
   a. In the VMware vSphere Client inventory list, click the name that you chose for the LifeSize Transit Client virtual appliance during the installation process. The default is LifeSize Transit Client.
   b. On the **Getting Started** tab, click **Power on the virtual machine**.
2. Click the **Console** tab. Ensure that the booting process is complete before continuing to the next step. The booting process is complete when you see `IPTState - IPTables State Top` appear below the **Console** tab.
3. Click in the **Console** pane. The mouse pointer disappears.
4. Press CTRL+ALT+F3 to enter the initial configuration screen.
5. The initial configuration screen for LifeSize Transit Client includes a series of numbered options that you access by entering the number associated with the setting that you wish to modify. You can also access help for each option by entering `H`.
   a. *Optional*: You can change the date and time of the system clock from the **Set Date and Time** setting.

      Enter the date in the following format: MMDDHHmmYYYY, where MM is the month, DD is the date, HH is the hour (in 24-hour format), mm is the minute, and YYYY is the year. For example, August 10, 2010, 3:30 pm is the following:

      `081015302010`
   b. By default, the **IP Source** setting is **DHCP**. Change the source to **Static** and enter an IP address using the **Client IP Address** option.
   c. If the **IP Source** is set to **Static**, you can enter the client IP address, subnet mask, gateway, and DNS server IP addresses.
   d. *Optional*: You can also change the administrator username and password.

   Note: For security reasons, LifeSize recommends you change the default administrator password during the initial configuration. The default username and password are both *admin*. The username and password can contain any US-ASCII character.

   e. *Optional*: You can change the **Ethernet Link Setting** to override the default link auto negotiation of the Gigabit NIC.
   f. After making your changes, choose option **7 - Save Settings and Restart System**.
6. Refer to the *LifeSize Transit Deployment Guide* to complete additional software configuration tasks.

Obtaining a License

1. Access the LifeSize Transit Client web administration interface by completing the following steps:
   a. Open a web browser and enter the IP address for LifeSize Transit Client.
   b. When prompted to log in, enter the username and password that you configured during the initial configuration. The default is *admin* for both.
2. On the **Operation & Maintenance** menu, click **Configuration**.
3. Note the value that appears for **System Serial Number**.
4. On the **Operation & Maintenance** menu, click **License**.
5. Click the **Generate License Request File** button.
6. Download the resulting file.
7. Contact your LifeSize sales representative and email the license request file, including the serial number that you noted in step 3. Request either a temporary or a permanent license.

Applying the License

1. Access the LifeSize Transit Client web administration interface.
2. On the **Operation & Maintenance** menu, click **License**.
3. In the **Apply License** section, click **Browse** to select the license file.
4. Click **Apply**.