



LifeSize[®] Transit[™] Virtual Appliance Installation Guide

June 2011

LifeSize Transit Server VM
LifeSize Transit Client VM

Installation Overview

This guide describes how to install LifeSize Transit Server and LifeSize Transit Client as virtual appliances. For information about installing LifeSize Transit Server and LifeSize Transit Client as 1U rack-mountable devices, refer to the *LifeSize Transit Installation Guide*.

Installing LifeSize Transit Server and LifeSize Transit Client as virtual appliances includes:

- Preparing host machines
- Deploying the virtual appliances
- Initial software configuration of the virtual appliances
- Obtaining licenses
- Configuring settings from the web administration interfaces for server, client, video systems, and your firewall.

Refer to the *LifeSize Transit Deployment Guide* for information about how to complete these tasks for your deployment scenario. This guide and related documents are available on the product CD-ROM and at lifesize.com/support.

Installation Prerequisites

Complete the following tasks before installing LifeSize Transit 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. LifeSize Transit Server VM and LifeSize Transit Client VM must reside on separate servers, in the DMZ and in the LAN, respectively.
- Ensure that VMware ESXi version 4.0.0 or later is installed and running on the host machines on which you intend to install LifeSize Transit as a virtual appliance.
- Obtain static IP addresses for LifeSize Transit Client and LifeSize Transit Server. After you install LifeSize Transit Client and LifeSize Transit Server as virtual appliances, configure them with static IP addresses. Refer to [LifeSize Transit Server VM Initial Configuration](#) or [LifeSize Transit Client VM Initial Configuration](#).
- 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.
- Ensure that the virtual machine meets the following requirements:
 - VCPU: 2
 - Memory: 2 GB
 - Disk Space: 2 GB
 - Network Interfaces: 10/100/1000 Ethernet Adapter

Installing LifeSize Transit Virtual Appliances

The instructions for installing the LifeSize Transit Client and LifeSize Transit Server virtual appliances are the same. However, the initial configuration is specific to the device and described in separate sections in this guide.

Complete the following steps for each 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. 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` or `LifeSize Transit Server` appears as the name of the virtual appliance. You can optionally enter a new name for the application.

NOTE LifeSize Transit Server VM and LifeSize Transit Client VM must reside on separate servers, in the DMZ and in the LAN, respectively.

- 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 indicates that the appliance is successfully installed, click **Close**.

LifeSize Transit Server VM Initial Configuration

1. Power on the LifeSize Transit Server virtual appliance:
 - a. In the VMware vSphere Client inventory list, click the name that you chose for the LifeSize Transit Server virtual appliance during the installation process. The default is *LifeSize Transit Server*.
 - 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 `IPTState - IPTables State Top` appears below the **Console** tab.
3. Click in the **Console** pane. The mouse pointer disappears.
4. Press ALT+F3 to enter the initial configuration screen. Apple users using remote desktop connections press Command+ALT+F3.
5. The initial configuration screen for LifeSize Transit Server 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 **Static**. Enter an IP address, subnet mask, gateway, and IP address for the signaling server. and an IP address for the media server.

NOTE Either use the static IP address you set aside for these servers directly, or set up NAT to map these servers to the static IP addresses. If you use NAT, enter the private addresses during initial configuration. You can set up these private address through the console pane only and not through the web administration UI. Read the *LifeSize Transit Deployment Guide* to determine the proper placement of LifeSize Transit components in your network and the associated firewall requirements.

- c. Enter the DNS server IP addresses.
 - d. *Optional:* If you lose access to the web administration interface administrator account, you can reset the administrator username and password (*admin* for both). LifeSize recommends that you change the administrator password once you regain access to the web administration interface.
 - e. After making your changes, choose **Save Settings and Restart System**.
The server restarts in maintenance mode so that you can complete your server configuration. You must exit maintenance mode to start processing calls.
6. Refer to the *LifeSize Transit Deployment Guide* to complete additional software configuration tasks.

LifeSize Transit Client VM 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 `IPTState - IPTables State Top` appears below the **Console** tab.
3. Click in the **Console** pane. The mouse pointer disappears.
4. Press ALT+F3 to enter the initial configuration screen. Apple users using remote desktop connections press Command+ALT+F3.
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:* If you lose access to the web administration interface administrator account, you can reset the administrator username and password (*admin* for both). LifeSize recommends you change the administrator password once you regain access to the web administration interface.
 - e. After making your changes, choose **Save Settings and Restart System**.

The client restarts in maintenance mode so that you can complete your client configuration. You must exit maintenance mode to start processing calls.
6. Refer to the *LifeSize Transit Deployment Guide* to complete additional software configuration tasks.

Obtaining a License

Perform the following steps for both the LifeSize Transit Client and LifeSize Transit Server virtual appliances.

1. Request a license key from your LifeSize sales representative.
2. From a browser, enter the IP address of LifeSize Transit Client or LifeSize Transit Server.
3. Log in using administrator credentials.
4. From the **Maintenance** tab, click **License**.

Use one of the following procedures to complete the process.

Internet Connection Available

1. Select **Internet connection is available**.
2. Enter the license key.
3. Click **Activate License**. The virtual appliance reboots after activating the license.

If the automated system fails, use the following process.

No Internet Connection Available

1. Select **No internet connection is available**.
2. Enter the license key.
3. Click **Generate License Request File**.
4. Send the license request file to your LifeSize sales representative.
5. After you receive the license file and download it to your computer, click **Browse** to select it.
6. Click **Apply License**. The virtual appliance reboots after applying the license.

Copyright Notice

©2006–2011 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 registered trademarks or trademarks of Logitech. 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.