SIP Phone Support (SPS)

Microsoft[®] Lync[™] - IP Phones

Microsoft Unified Communications (UC)

Configuration Note Installing the SPS License Server







Version 3.0

October 2013

Document # LTRT-00875

Table of Contents

| 1 | Introduction | | | |
|--------|--|--|----|--|
| | 1.1 | Installing the SPS License Externally | 7 | |
| | 1.2 | Installing the SPS License Locally | 7 | |
| | 1.3 | Minimum Server Specification | 7 | |
| ~ | 2 Installing the License Environment on an External License Server | | | |
| 2 | Inst | alling the License Environment on an External License Server | 9 | |
| 2 | Inst 2.1 | alling the License Environment on an External License Server | | |
| 2 3 | 2.1 | - | 10 | |



Notice

This document describes how to install the SPS License server.

Information contained in this document is believed to be accurate and reliable at the time of printing. However, due to ongoing product improvements and revisions, AudioCodes cannot guarantee the accuracy of printed material after the Date Published nor can it accept responsibility for errors or omissions. Updates to this document and other documents can be viewed at http://www.audiocodes.com/downloads.

© Copyright 2013 AudioCodes Ltd. All rights reserved.

This document is subject to change without notice.

Date Published: October-09-2013

Trademarks

AudioCodes, AC, AudioCoded, Ardito, CTI2, CTI², CTI Squared, HD VoIP, HD VoIP Sounds Better, InTouch, IPmedia, Mediant, MediaPack, NetCoder, Netrake, Nuera, Open Solutions Network, OSN, Stretto, TrunkPack, VMAS, VoicePacketizer, VoIPerfect, VoIPerfectHD, What's Inside Matters, Your Gateway To VoIP and 3GX are trademarks or registered trademarks of AudioCodes Limited. All other products or trademarks are property of their respective owners. Product specifications are subject to change without notice.

WEEE EU Directive

Pursuant to the WEEE EU Directive, electronic and electrical waste must not be disposed of with unsorted waste. Please contact your local recycling authority for disposal of this product.

Customer Support

Customer technical support and service are generally provided by AudioCodes' Distributors, Partners, and Resellers from whom the product was purchased. For technical support for products purchased directly from AudioCodes, or for customers subscribed to AudioCodes Customer Technical Support (ACTS), contact support@audiocodes.com.

Documentation Feedback

AudioCodes continually strives to produce high quality documentation. If you have any comments (suggestions or errors) regarding this document, please fill out the Documentation Feedback form on our Web site at http://www.audiocodes.com/downloads.

Related Documentation

 Manuals Name

 SPS for Microsoft Lync Server 2010 Administrator's Guide

 SPS for Lync Quick Start Guide



1 Introduction

This document shows you how to install the SPS license environment

- Externally, on a dedicated server that will manage the SPS license for one or more SPS servers
- Locally, on the SPS server

1.1 Installing the SPS License Externally

Benefits of installing the SPS license externally:

- In a multi-SPS servers system, it's more efficient to manage, configure and control the license environment from a single point.
- Managing license resources from a single point is dynamic. If updating multi-users is required, for example, it's simpler to do it from one location.
- To enable management and maintenance of Virtual Machines without damaging the license policy, for example, avoiding license cloning.

See Section 2 on page 9 for installation instructions.

See Section 2.1 on page 10 for configuration instructions.

1.2 Installing the SPS License Locally

See Section 3 on page 13 for installation instructions. See Section 3.1 on page 13 for configuration instructions.

Note:

- The license server is associated with the installed system's serial number.
- Do not clone the License server system to a different Virtual Machine instance because this will disable the SPS license.
- Install the License server on a dedicated server rather than on a virtual machine (recommended).

1.3 Minimum Server Specification

Before you install the license, make sure you comply with the following minimum specification for the server on which the license is installed:

- Core 2.0GHz
- IG RAM
- 40G hard drive
- Operating System: Windows[®] 2008 R2 or Windows 2012



2 Installing the License Environment on an External License Server

This section shows how to install the license environment on an external license server.

> To install the license environment on an external license server:

1. Start the SPS Wizard: Under the C:/ directory, double-click **sps_setup.exe**

| - | | | |
|-----------------------|------------------|-------------|-------|
| 鷆 Data | 09/07/2013 15:41 | File folder | |
| 퉬 PerfLogs | 14/07/2009 06:20 | File folder | |
| 퉬 Program Files | 14/07/2009 08:07 | File folder | |
| 퉬 Program Files (x86) | 09/07/2013 21:21 | File folder | |
| 퉬 Users | 11/06/2013 18:15 | File folder | |
| 퉬 Windows | 10/07/2013 11:50 | File folder | |
| 💷 nullfile | 15/05/2012 11:13 | Application | 31 KB |
| The sps_setup | 22/05/2013 16:41 | Application | 95 KB |

Figure 2-1: Starting the SPS Wizard

2. In the SPS - Deployment Wizard that opens, select License Server:

| SPS - Deployment Wizard | |
|--|--|
| Prerequisites License Server Database Syncronize Service | Server Type |
| Web Admin Core Switch Server | Run Version : 5.95 |
| | Press "Run" to install or repair the License Server. |
| | |

Figure 2-2: SPS - Deployment Wizard – License Server

3. Click **Run**. After the license is installed, a green checkmark is displayed as shown in the figure below.



| SPS - Deployment Wizard | _ | _ 🗆 × |
|---|--|-------|
| SPS - Deployment Wizard Solution Codes Syncronize Service Web Admin Core Switch Server | Server Type SPS Mobility Plus Version : 5.95 Press "Run" to install or repair the License Server. | |

Figure 2-3: Green Checkmark Indicating License Installed

2.1 Configuring the External License Server

This section shows how to configure the external license server.

> To configure the external license server:

- 1. On the server on which you installed the license server, start an internet browser and go to http://localhost:1947/.
- 2. In the main screen that opens, under 'Administration Options', click the **Configuration** option and in the license configuration screen, select the **Access to Remote License Managers** tab.

Figure 2-4: License Configuration Screen - Access to Remote License Managers

| Sentinel HASP Admir | Control × 📀 Getting Started | × | | | | | |
|--|---|-----------------------------------|----------------------------|--|--|--|--|
| - → C 🗋 loc | calhost:1947/_int_/config_to.h | tml | | ☆ = | | | |
| SafeNet Sentinel HASP Admin Control C Sentinel HASP Admin Control C | | | | | | | |
| | Confi | guration for HASP License Manager | on WIN-K7N8VGK4AIF | | | | |
| Administration | | | | | | | |
| Options | Basic Settings Users | Access to Remote License Managers | Access from Remote Clients | Detachable Licenses | | | |
| HASP Keys Products Features Sessions | ur changes will take effect. | | | | | | |
| Jpdate/Attach | Aggressive Search for Remote Licenses □ Specify Search Parameters | | | | | | |
| Access Log Configuration Diagnostics Help | | | | | | | |
| About | | | | te de la companya de | | | |
| | | Submit Cancel Set | Defaults | | | | |

- 3. Select the Allow Access to Remote License option as well as the Broadcast Search for Remote Licenses option.
- 4. Click the Access from Remote Clients tab.
- 5. Select the Allow Access from Remote Clients option.
- 6. Click Submit.

| Sentinel HASP Admin Co | ntrol × C G Getting Started | × | | |
|--|---------------------------------|---|------------------------------------|--|
| _ | ost:1947/_int_/config_from.html | | | ☆ = |
| | | | | ntinel HASP Admin Control Center Sentinel HASP |
| | Configuration | on for HASP License Manager | on WIN-K7N8VGK4AIF | |
| Administration Options HASP Keys | Basic Settings Users Ac | ccess to Remote License Managers | Access from Remote Clients | Detachable Licenses |
| Products Features Sessions | Currently, no network-enab | oled Sentinel HASP key is connected to | × | |
| Update/Attach Access Log | Clients Access Restrictions | e ▼ You may experience a delay o | f a few minutes before your change | s will take effect. |
| Configuration Diagnostics | | | | |
| Help About | | | | |
| | | | | |
| | Show Recent Client Access | The entries are evaluated in the ord evaluation stops. allow=all is implicitly added to e | | oon as a match is found, |
| More Languages | | Submit Cancel Set Defaults | | |

Figure 2-5: Allowing Access from Remote Clients



3 Installing the License Environment Locally on the SPS Server

Installation of the license environment locally on the SPS server is an integral part of the SPS installation and is part of the SPS Wizard.

3.1 Configuring the Local License SPS Server

In a multi-server SPS setup without an external license server, one of the SPS servers is typically defined and configured as a license server.

All the other SPS servers are then defined as clients to the license server.

Use the setup example below as a reference.

The setup consists of two SPS servers:

- SPS2012
- SPSMULTI2

Figure 3-1: Web Interface Showing Two SPS Servers



> To configure the license server:

 In the SPS Web interface, access the System License screen (Configuration tab > System > System License > License Properties):

| t SAudioCodes SIP Phone Support For Microsoft® Lync™ Server (க) Home (2) (2) Hop off | | | | | | | | |
|---|------------------|-------------|----------------|--------------|----------------|---|--|--|
| Configuration Management Status & Diagnostics | System License | | | | | | | |
| Navigation Tree | Server: SPSMULT2 | Save | | | | | | |
| Configuration | Server | IP | License Server | Allow Server | Server Address | | | |
| System Architecture | SPSMULTI2 | 10.21.13.11 | ~ | 10.21.13.12 | | 2 | | |
| Network | SPS2012 | 10.21.13.12 | | | 10.21.13.11 | 2 | | |
| Bisseter License License Properties System Backup Cuudiocodes_GroupA_5070 Cuudiocodes_GroupB_5080 | | | | | | | | |

Figure 3-2: Web Interface - License Properties

In the example setup:

- SPSMULTI2 is configured as the license server
- SPS2012 is configured as a client to the SPSMULTI2 license server
- 2. To change the configuration, click the **Edit** icon in the row of the required server.



Configuration Note

www.audiocodes.com