SIP Phone Support (SPS)

Microsoft® Lync™ - IP Phones

Microsoft Unified Communications (UC)

# Configuration Note

## Installing the SPS License Server

Lync

Microsoft Partner
Gold Communications

AudioCodes

Version 3.0

October 2013

Document # LTRT-00875

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## Reader's Notes

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This document describes how to install the SPS License server.

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Date Published: October-09-2013

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## Related Documentation

| Manuals Name |
|---|
| SPS for Microsoft Lync Server 2010 Administrator's Guide |
| SPS for Lync Quick Start Guide |

## Reader's Notes

# 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
- 1G RAM
- 40G hard drive
- Operating System: Windows® 2008 R2 or Windows 2012

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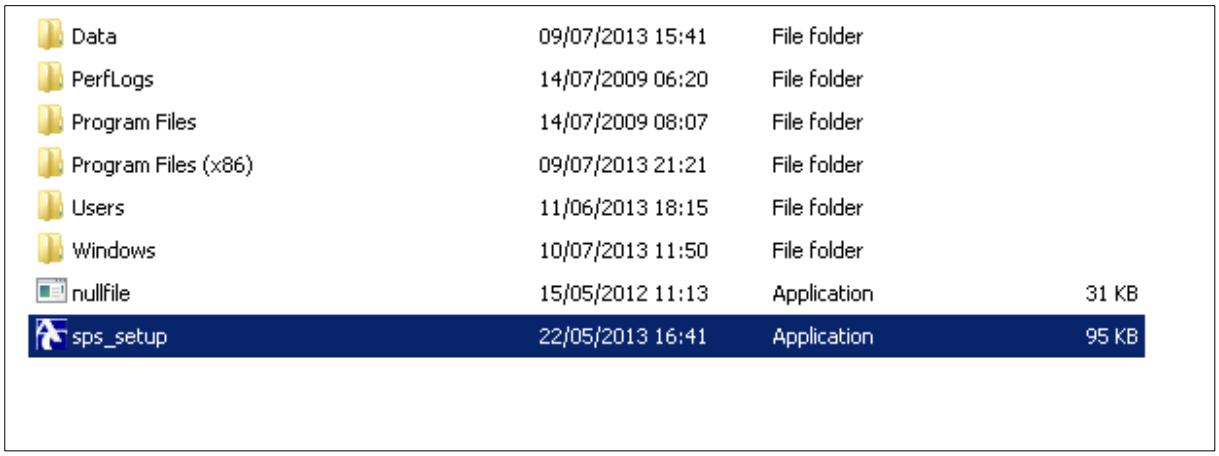
# 2 Installing the License Environment on an External License Server

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

➢ **To install the license environment on an external license server:**

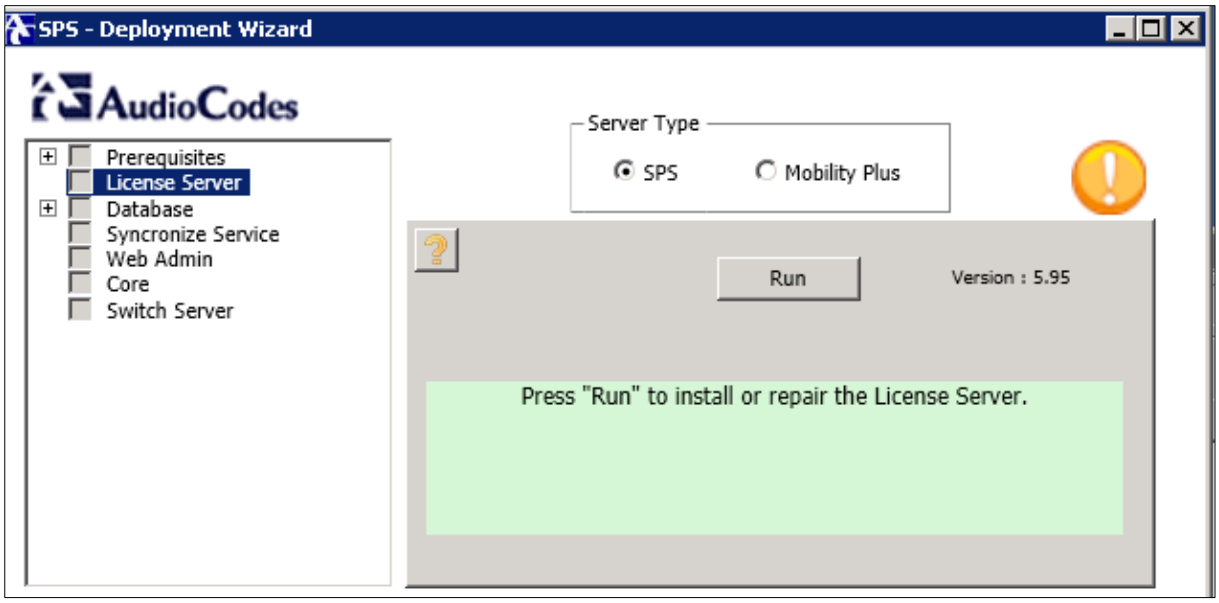
1. Start the SPS Wizard: Under the C:/ directory, double-click **sps_setup.exe**

**Figure 2-1: Starting the SPS Wizard**



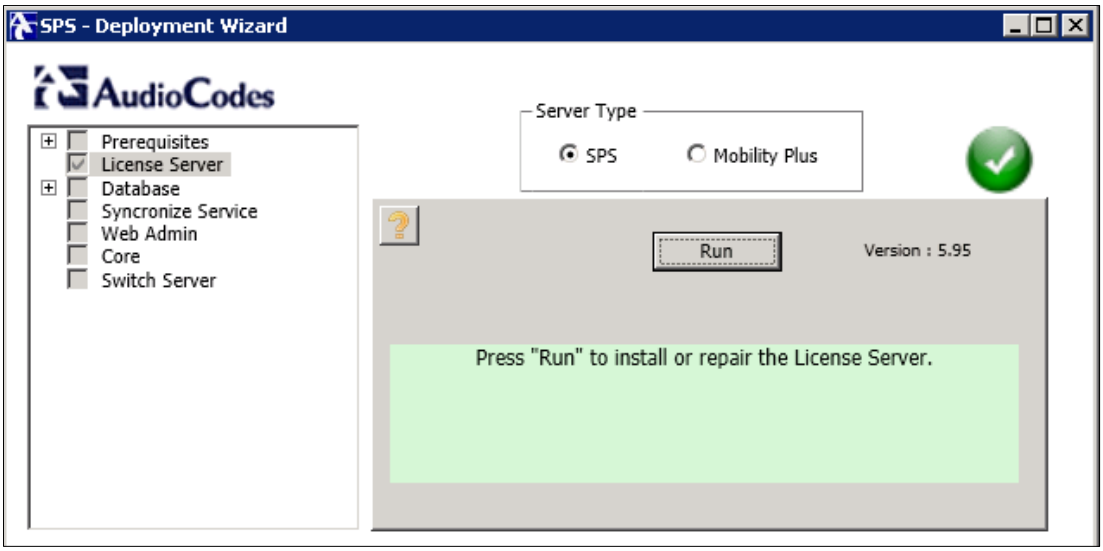

2. In the SPS - Deployment Wizard that opens, select **License Server**:

**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.

**Figure 2-3: Green Checkmark Indicating License Installed**



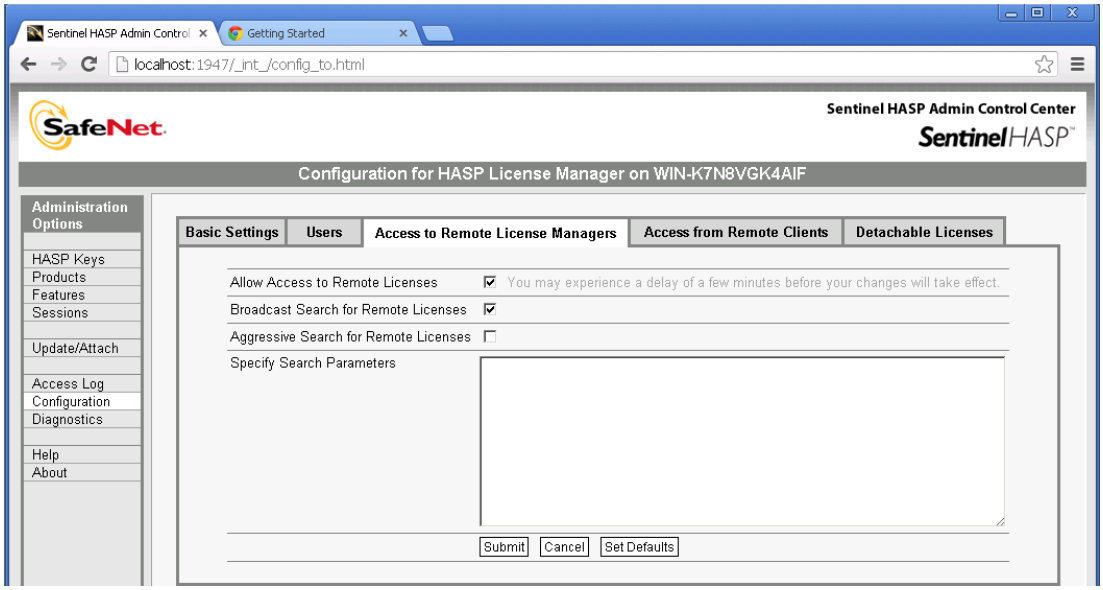

## 2.1 Configuring the External License Server

This section shows how to configure the external license server.

### ➢ To configure the external license server:

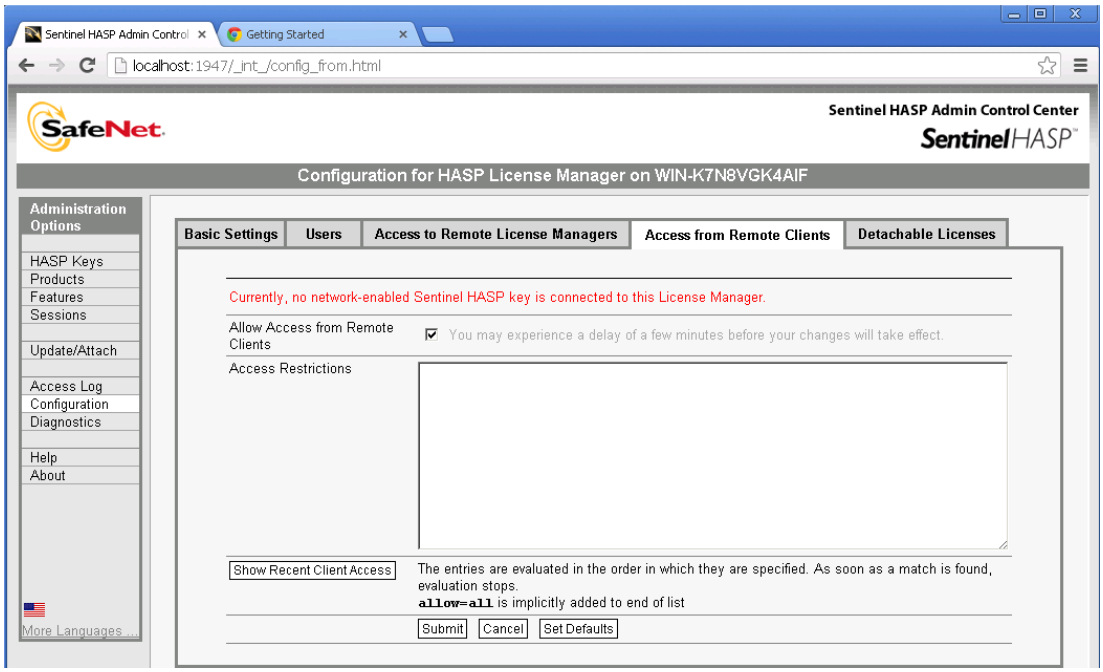
1. On the server on which you installed the license server, start an internet browser and go to http://localhost:1947/.
2. In the main screen that opens, under 'Administration Options', click the **Configuration** option and in the license configuration screen, select the **Access to Remote License Managers**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

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




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**.

**Figure 2-5: Allowing Access from Remote Clients**



## Reader's Notes

# 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:

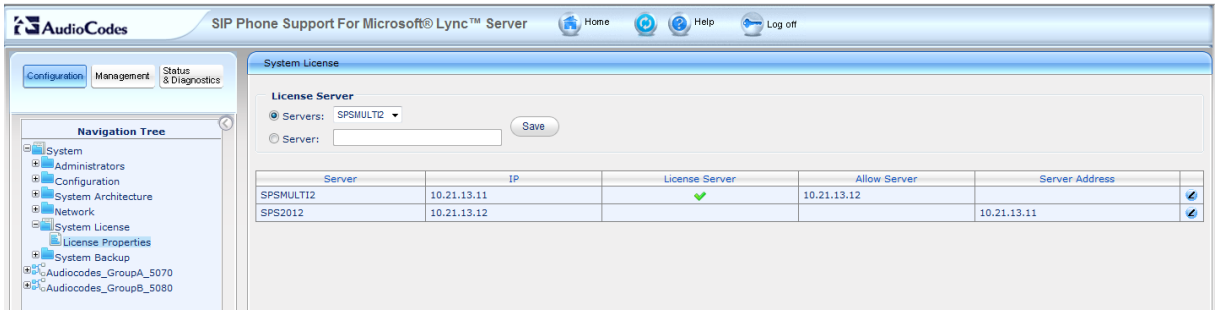
- SPS2012
- SPSMULTI2

**Figure 3-1: Web Interface Showing Two SPS Servers**

### ➢ To configure the license server:

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

**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.

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