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

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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



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**

09/07/2013 15:41	File folder	
14/07/2009 06:20	File folder	
14/07/2009 08:07	File folder	
09/07/2013 21:21	File folder	
11/06/2013 18:15	File folder	
10/07/2013 11:50	File folder	
15/05/2012 11:13	Application	31 KB
22/05/2013 16:41	Application	95 KB
	09/07/2013 15:41 14/07/2009 06:20 14/07/2009 08:07 09/07/2013 21:21 11/06/2013 18:15 10/07/2013 11:50 15/05/2012 11:13 22/05/2013 16:41	09/07/2013 15:41 File folder 14/07/2009 06:20 File folder 14/07/2009 08:07 File folder 09/07/2013 21:21 File folder 09/07/2013 21:21 File folder 11/06/2013 18:15 File folder 10/07/2013 11:50 File folder 15/05/2012 11:13 Application 22/05/2013 16:41 Application

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.



SP5 - Deployment Wizard	_	_ 🗆 🗙
Prerequisites License Server Database 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 🗋 localhost: 1947/_int_/config_to.html							
SafeNet Sentinel HASP Admin Control Ce							
	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	Allow Access to Remote Licenses Vou may experience a delay of a few minutes before your changes will take a Broadcast Search for Remote Licenses V		ur changes will take effect.				
Jpdate/Attach	Aggressive Search for Remote Licenses						
Access Log Configuration Diagnostics							
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 X 🙃 Getting Started	×		
	ost:1947/_int_/config_from.html			☆ =
			Se	ntinel HASP Admin Control Center Sentinel HASP
	Configurati	on for HASP License Manager	on WIN-K7N8VGK4AIF	
Administration Options HASP Keys	Basic Settings Users Ad	ccess to Remote License Managers	Access from Remote Clients	Detachable Licenses
Products Features Sessions	Currently, no network-enat	oled Sentinel HASP key is connected to	this License Manager.	
Update/Attach	Clients Access Restrictions	 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 order evaluation stops. allow=all is implicitly added to e	er in which they are specified. As s nd of list	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):

SIP Phone Support For Microsoft® Lync™ Server 💰 ^{Home} 🥹 🚳 ^{Help} 😁 Log off							
Configuration Management Status & Diagnostics	System License						
Navigation Tree	Server: SPSMULT2	Save					
Configuration	Server	IP	License Server	Allow Server	Server Address		
B System Architecture	SPSMULT12	10.21.13.11	a	10.21.13.12		0	
Network	SPS2012	10.21.13.12			10.21.13.11		
System License License Properties				1			

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

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