

Configuration Notes

Cisco CallManager in Ascom VoWiFi System

Contents

1 Introduction	1
1.1 Abbreviations and Glossary	1
2 VoWiFi Handset Configuration	1
3 Cisco CallManager Configuration	2
3.1 User Management	2
3.2 Device.....	2
3.3 Directory Number	2
4 Related Documents	2
5 Document History	3

1 Introduction

This document is merely intended as a guide when using a Cisco CallManager (CCM) in the Ascom VoWiFi System, and it does not by any means replace the documentation delivered with the CCM. The document describes some of the settings needed to gain good performance when the Ascom VoWiFi Handset is used together with the CCM.

For maximum performance in the VoWiFi System consider the recommendations in the document *Considerations for Ascom VoWiFi System Planning, TD 92408GB*.

The settings described in this document are extensions and apply for use with the CCM. For more information about Ascom VoWiFi System, see *Function Description, Ascom VoWiFi System, TD 92314GB*.

Note: The performance measurements are made with CCM 5.0, 6.0 and 6.1.

1.1 Abbreviations and Glossary

CCM	Cisco CallManager
PDM	Portable Device Manager
SIP	Session Initiation Protocol

2 VoWiFi Handset Configuration

Make sure the following parameters in the PDM correspond with the configuration of the CCM.

Select PROTOCOL > GENERAL

Parameter	Value	Information
VoIP protocol	"SIP"	The only VoIP protocol supported by the CCM

Select PROTOCOL > SIP

Parameter	Value	Information
SIP proxy IP address	CCM IP address	
Alternative SIP proxy address		Only used for redundant system
SIP proxy listening port	5060 (default value)	Must correspond to the SIP port used by the CCM
SIP proxy ID	CCM host name	Optional
SIP proxy password	The same as End User Password in the CCM	

Select DEVICE > USER

Parameter	Value	Information
Endpoint number	CCM End User ID	Must be the same number as the End User ID in the CCM

3 Cisco CallManager Configuration

This section describes the configuration needed in the CCM to be able to register a VoWiFi handset. For more information on how to configure the CCM, see applicable documentation from Cisco.

3.1 User Management

Add a new End User and enter User ID and Password. The User ID must be the phone number of the handset. Make sure the User ID and Password correspond to the configuration of the VoWiFi handset, see the parameters "SIP proxy password" and "Endpoint number" in [2 VoWiFi Handset Configuration](#) on page 1.

3.2 Device

Phone

Add a new phone and select type "Third-party SIP device (Basic)". Select Device Security Profile "Non Secure SIP Profile auth by String".

For Digest User, point to the previously created End User. This is used for authentication.

3.3 Directory Number

Add a new Directory Number and tie it to the previously created phone.

4 Related Documents

System Description VoWiFi System	TD 92313GB
Function Description VoWiFi System	TD 92314GB
Considerations for Ascom VoWiFi System Planning	TD 92408GB
Configuration Manual i75 VoWiFi Handset	TD 92431GB
Installation and Operation Manual Integrated Message Server (IMS/IP-WiFi)	TD 92322GB
Installation and Operation Manual Portable Device Manager, Windows version	TD 92325GB
Installation and Operation Manual Portable Device Manager, System version	TD 92378GB

5 Document History

For details in the latest version, see change bars in the document.

Version	Date	Description
A	2007-07-11	First version
B	2008-11-05	Changed document type from Configuration Manual to Configuration Notes.
C	2010-01-28	Updated table of content