Configuration notes
Ascom i62 with Cisco Unified Communications Manager Cisco

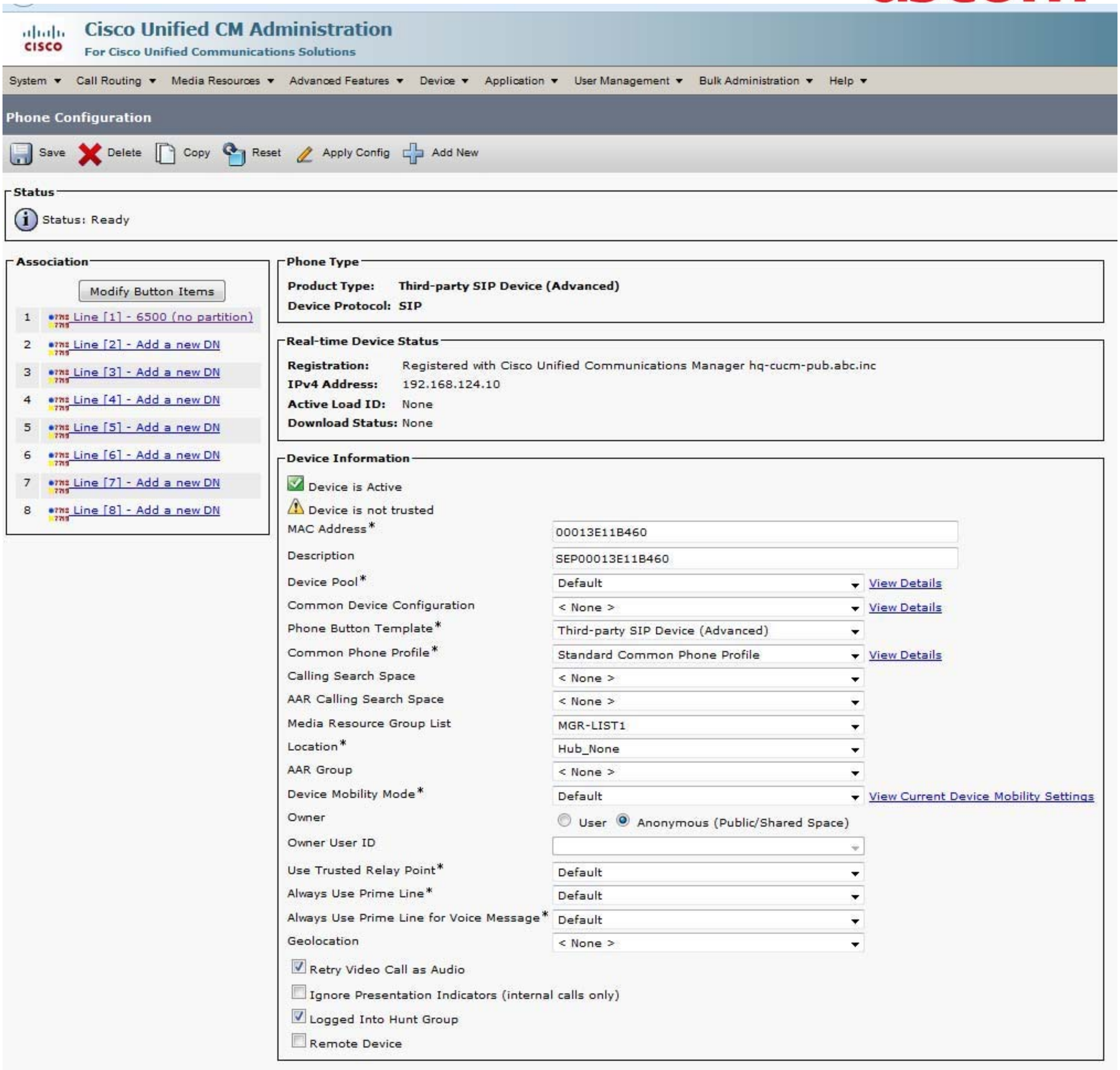
This document describes a general configuration of Cisco Unified Communications Manager and Ascom i62.

Contents

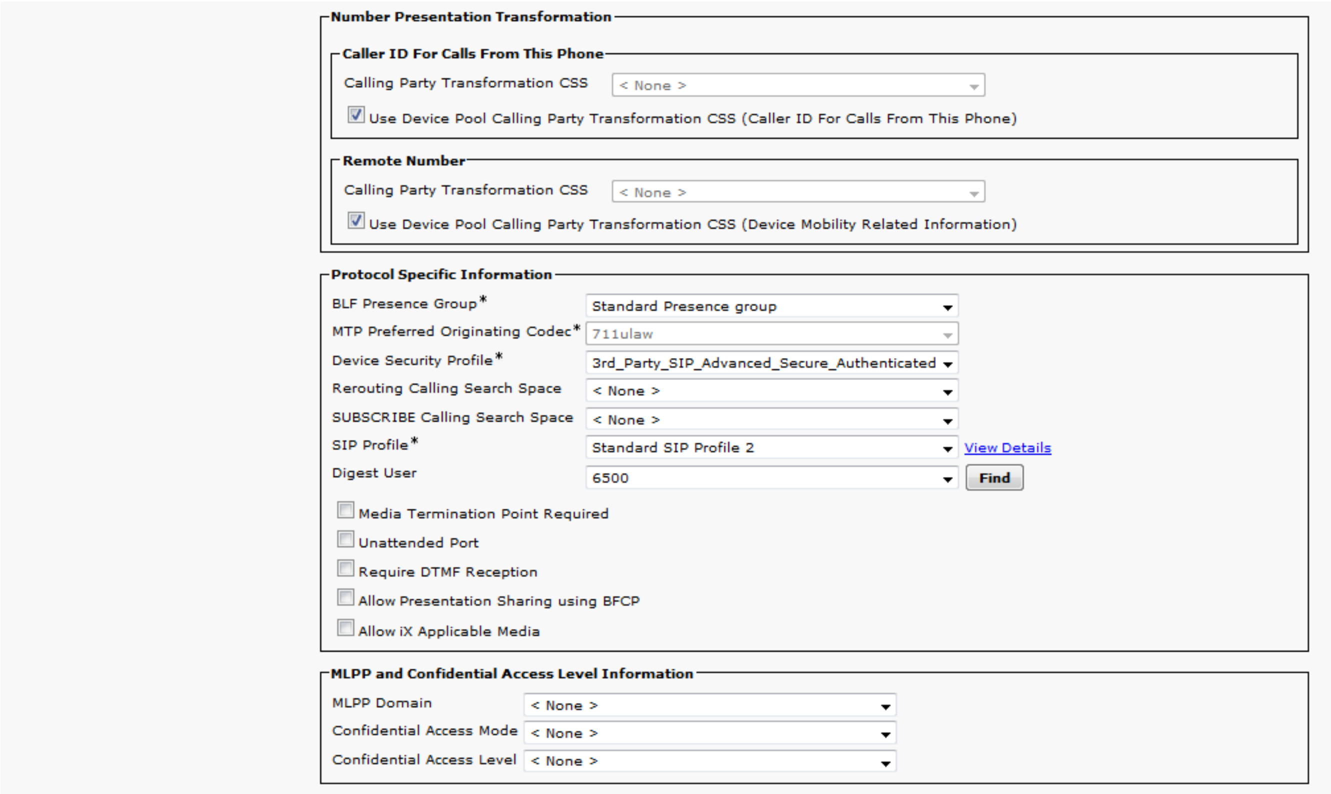
CUCM configurations

Cisco Unified Communications Manager (CUCM), version 12.0 configuration

- Caller Line Identities (CLI) require additional configuration
- CUCM license for “Third-party SIP device” implies some limitations, e.g. no Music-on-Hold (MoH) and lack of telephony features configurable from the handset etc.

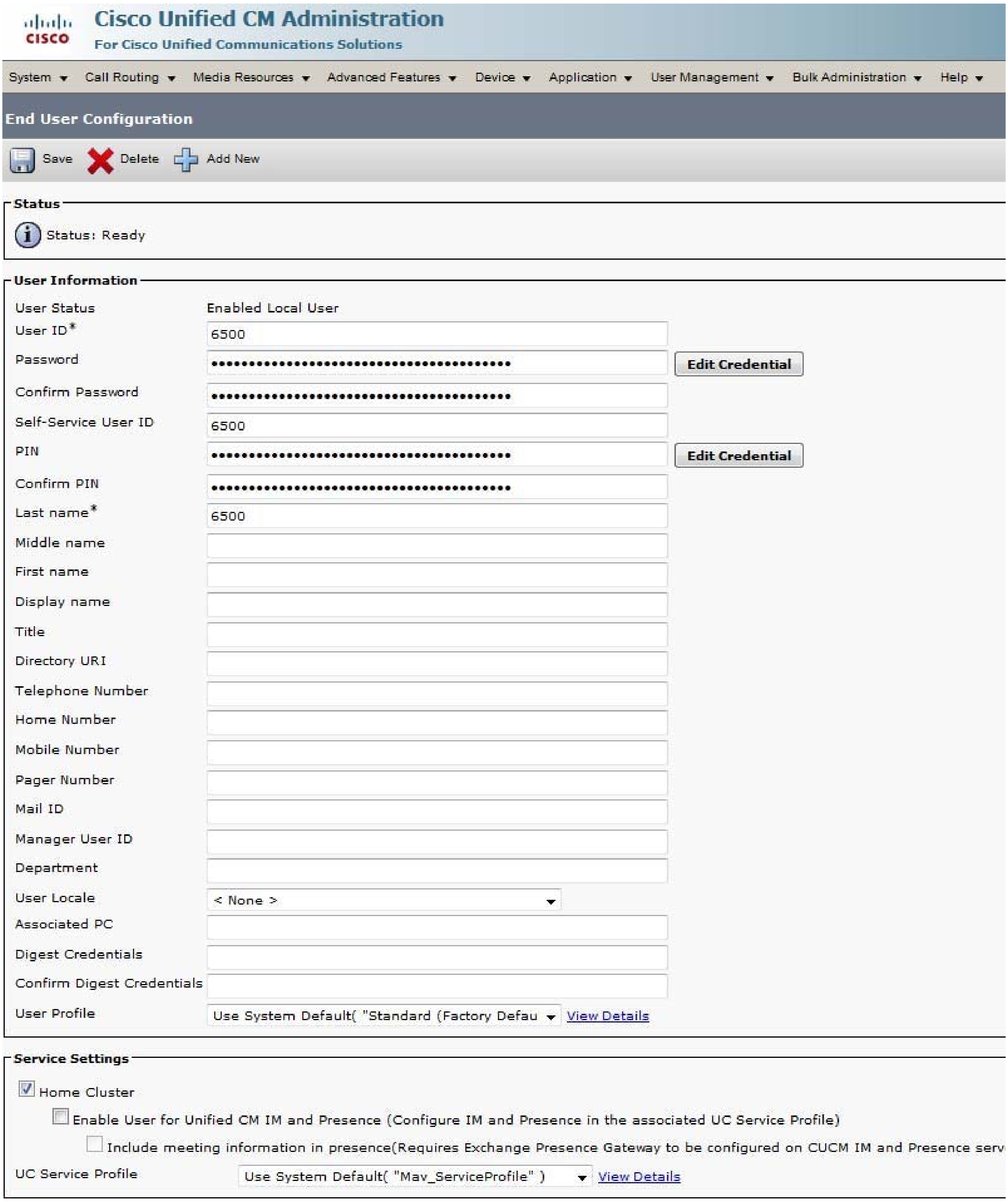

Cisco Unified CM Administration
For Cisco Unified Communications Solutions
System
Call Routing
Media Resources
Advanced Features
Device
Application
User Management
Bulk Administration
Help
Phone Configuration
Save
Delete
Copy
Reset
Apply Config
Add New
Status
Status: Ready
Association
Modify Button Items
1 Line [1] - 6500 (no partition)
2 Line [2] - Add a new DN
3 Line [3] - Add a new DN
4 Line [4] - Add a new DN
5 Line [5] - Add a new DN
6 Line [6] - Add a new DN
7 Line [7] - Add a new DN
8 Line [8] - Add a new DN
Phone Type
Product Type: Third-party SIP Device (Advanced)
Device Protocol: SIP
Real-time Device Status
Registration: Registered with Cisco Unified Communications Manager hq-cucm-pub.abc.inc
IPv4 Address: 192.168.124.10
Active Load ID: None
Download Status: None
Device Information
Device is Active
Device is not trusted
MAC Address* 00013E11B460
Description SEP00013E11B460
Device Pool* Default View Details
Common Device Configuration < None > View Details
Phone Button Template* Third-party SIP Device (Advanced)
Common Phone Profile* Standard Common Phone Profile View Details
Calling Search Space < None >
AAR Calling Search Space < None >
Media Resource Group List MGR-LIST1
Location* Hub_None
AAR Group < None >
Device Mobility Mode* Default View Current Device Mobility Settings
Owner User Anonymous (Public/Shared Space)
Owner User ID
Use Trusted Relay Point* Default
Always Use Prime Line* Default
Always Use Prime Line for Voice Message* Default
Geolocation < None >
Retry Video Call as Audio
Ignore Presentation Indicators (internal calls only)
Logged Into Hunt Group
Remote Device

Device->Phone: Adding a device (phone). Part 1.



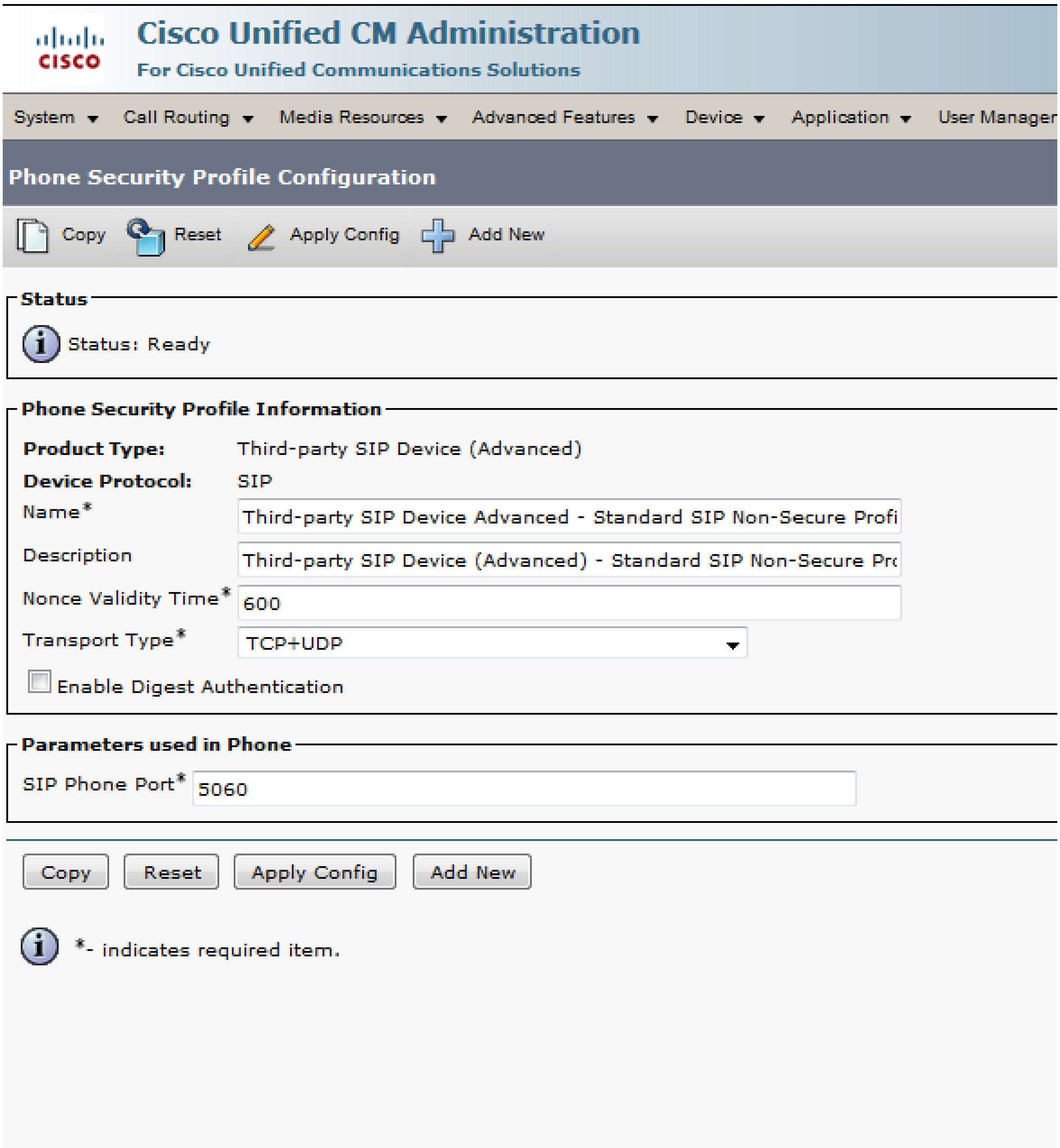
Device->Phone: Adding a device (phone). Part 2

Note. Digest User (6500) refers to the End User created in next step.



User Management -> End User: Adding an user ID

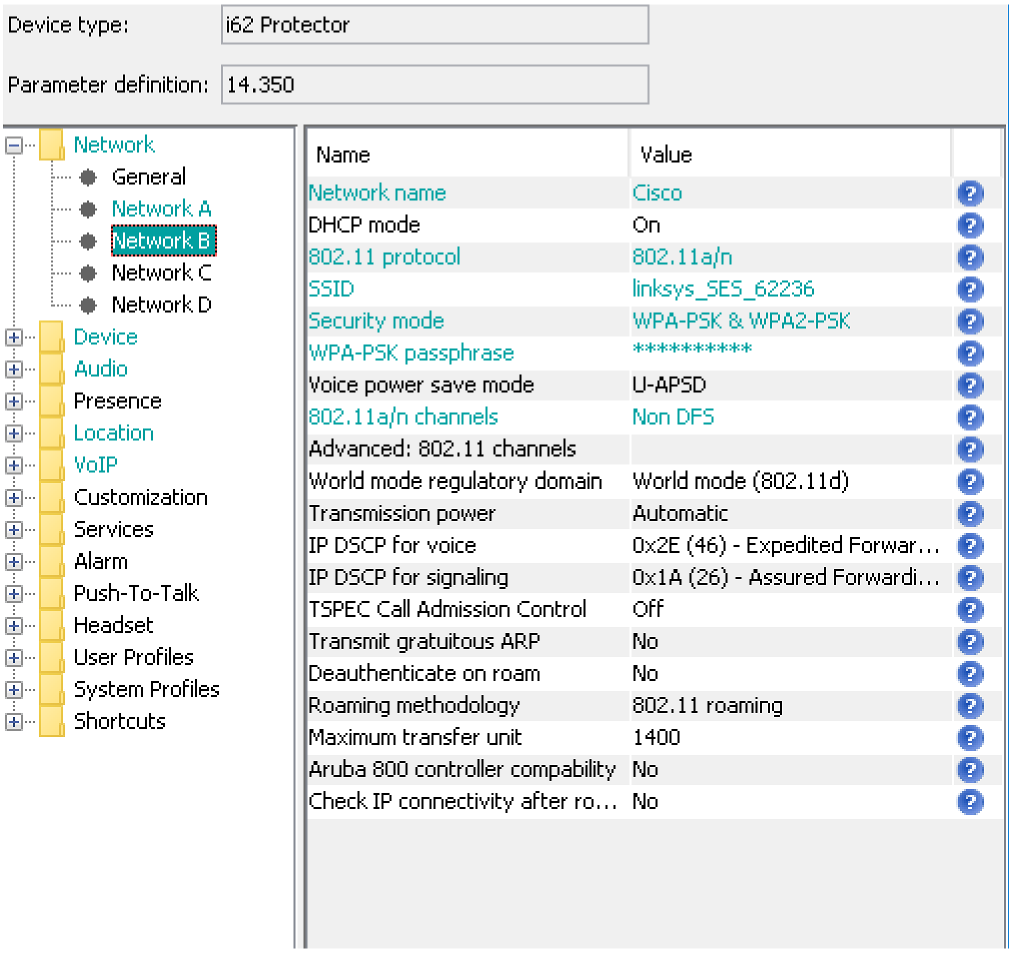
Note. Digest Credentials is only used if “Enable Digest Authentication” is set in the security profile.



System->Security->Security Profiles.

” Third-party SIP Device Advanced - Standard SIP Non-Secure Profile” default security profile.

Ascom i62 configurations



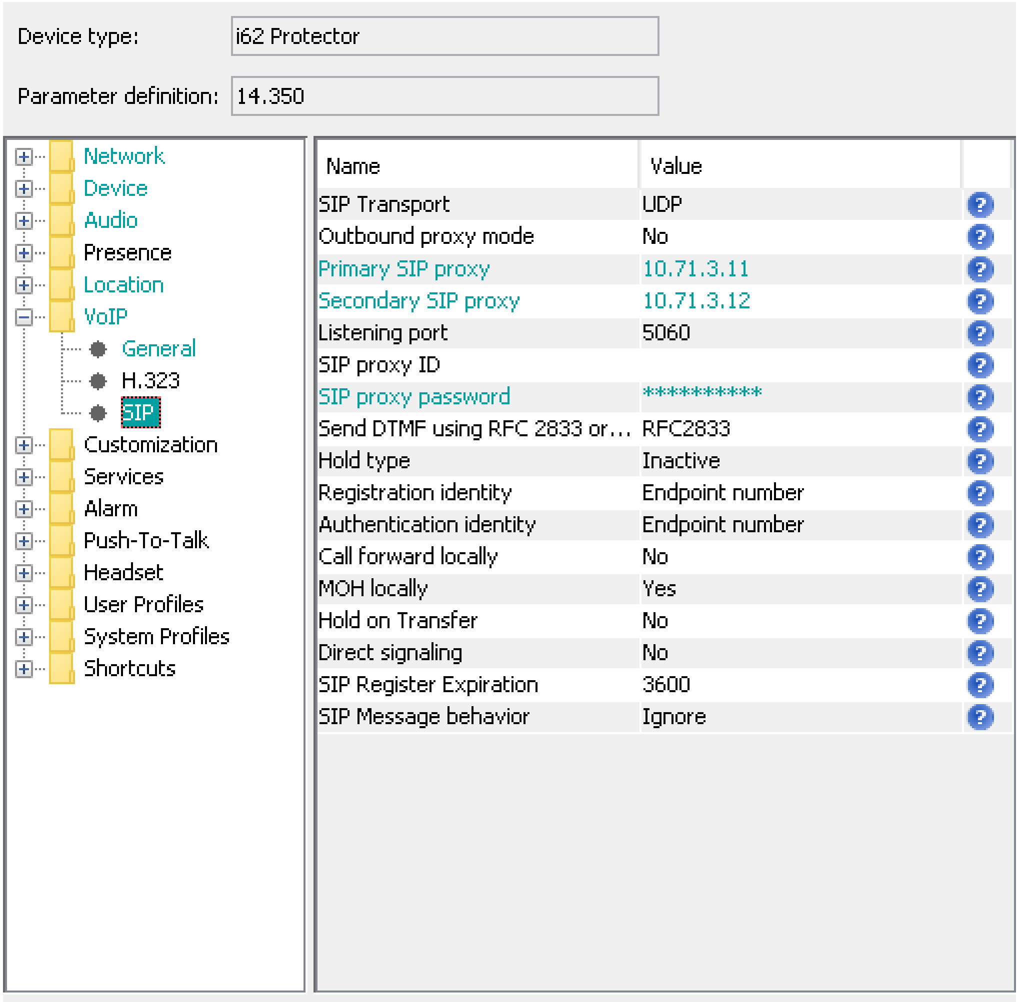
Device type: i62 Protector

Parameter definition: 14.350

- Network
  - General
  - Network A
  - Network B
  - Network C
  - Network D
- Device
- Audio
- Presence
- Location
- VoIP
- Customization
- Services
- Alarm
- Push-To-Talk
- Headset
- User Profiles
- System Profiles
- Shortcuts

Name	Value
Network name	Cisco
DHCP mode	On
802.11 protocol	802.11a/n
SSID	linksys_SES_62236
Security mode	WPA-PSK & WPA2-PSK
WPA-PSK passphrase	**********
Voice power save mode	U-APSD
802.11a/n channels	Non DFS
Advanced: 802.11 channels	
World mode regulatory domain	World mode (802.11d)
Transmission power	Automatic
IP DSCP for voice	0x2E (46) - Expedited Forwar...
IP DSCP for signaling	0x1A (26) - Assured Forwardi...
TSPEC Call Admission Control	Off
Transmit gratuitous ARP	No
Deauthenticate on roam	No
Roaming methodology	802.11 roaming
Maximum transfer unit	1400
Aruba 800 controller compability	No
Check IP connectivity after ro...	No

Note. The network settings may vary depending on the WLAN infrastructure used.



Document history

Rev	Date	Author	Description
RA1	2017-01-16	SEJAn	Final Version, Updated with CUCM12 and i62 6.0.1