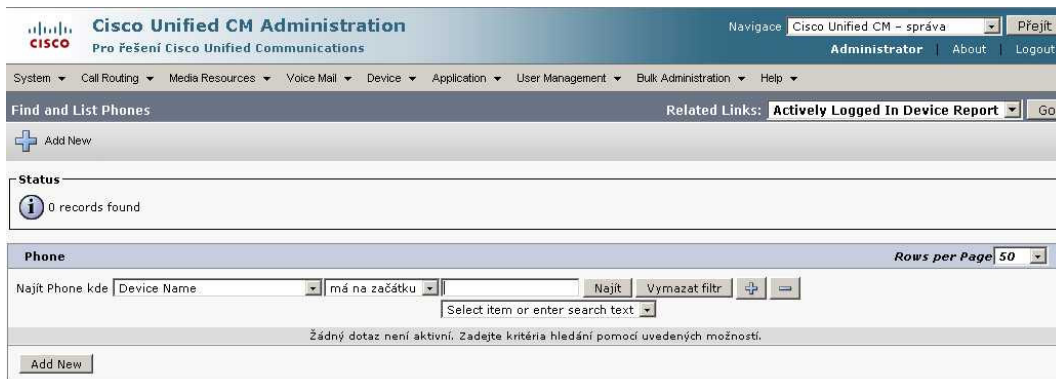


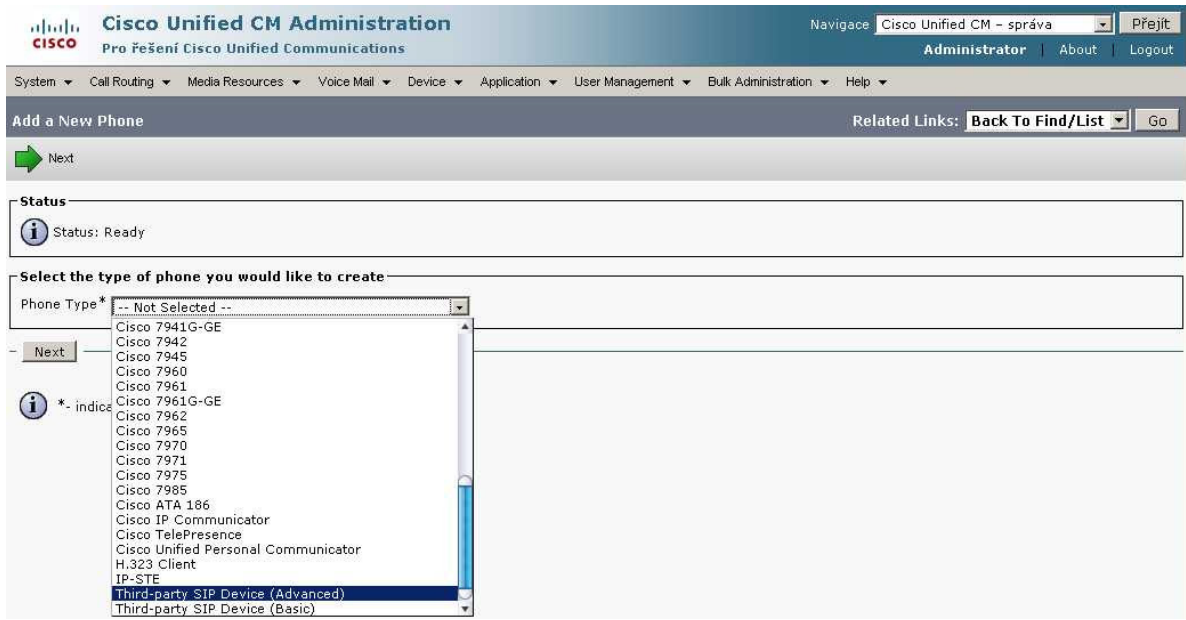
Case study configuration Cisco Unified CallManager v 6.0.1.1000-5

1. Creating a terminal and line in CCM

1.1. In the management of CCM, menu Device/Phone, button Add New:



1.2. Selecting terminal type – for 2N Helios IP select "Third-party SIP Device (Advanced)":



1.3. Setting up terminal in CCM:

- 1.3.1. MAC Address - MAC address of 2N Helios IP – can be found in the configuration web interface 2N Helios IP on the home page (Information).
- 1.3.2. Description – tag
- 1.3.3. Device pool – selection device group, where from will be configuration selected. For example codec's.
- 1.3.4. Phone Button Template – select Third-party SIP Device (Advanced) or equivalent
- 1.3.5. Common Phone Profile - Standard Sommon Phone Profile
- 1.3.6. Location – selecting profile, that is deciding bandwidth for the device. Default is Hub_None.
- 1.3.7. Calling Search Space – assigning 2N Helios IP to address range, to where should assign (while calling to 2N Helios IP will be its phone number assigned into selected space)
- 1.3.8. Owner User ID – assigning 2N Helios IP to the user
- 1.3.9. Device Security Profile – selecting profile with security – for 2N Helios IP will be selected Third-party SIP Device Advanced - Standard SIP Non-Secure Profile
- 1.3.10. SIP Profile – by using Standard SIP Profile (or equivalent)
- 1.3.11. Digest User – user selection, its name and password will be set in 2N Helios IP for SIP authentication needs at 2N Helios IP registration to CCM.

Cisco Unified CM Administration
 Pro řešení Cisco Unified Communications

System > Call Routing > Media Resources > Voice Mail > Device > Application > User Management > Bulk Administration > Help >

Phone Configuration Related Links: [Back To Find/List](#)

Device Information

MAC Address*
 Description
 Device Pool* [View Details](#)
 Common Device Configuration [View Details](#)
 Phone Button Template*
 Common Phone Profile*
 Calling Search Space
 AAR Calling Search Space
 Media Resource Group List
 Location*
 AAR Group
 Device Mobility Mode* [View Current Device Mobility Settings](#)
 Owner User ID
 Retry Video Call as Audio
 Ignore Presentation Indicators (internal calls only)
 Logged Into Hunt Group
 Remote Device

Protocol Specific Information

Presence Group*
 MTP Preferred Originating Codec*
 Device Security Profile*
 Rerouting Calling Search Space
 SUBSCRIBE Calling Search Space
 SIP Profile*
 Digest User
 Media Termination Point Required
 Unattended Port
 Require DTMF Reception

1.4. For configuration saving at each device display links for adding line.
 Add (create) line for 2N Helios IP:

Phone Configuration

Status

Status: Ready

Association Information

1	Line [1] - Add a new DN
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:
Device Protocol:

Device Informat

Registration
 IP Address
 MAC Address*
 Description
 Device Pool*
 Common Device C
 Phone Button Tem
 Common Phone Pr
 Calling Search Spa

2.

2.1. Will display the line configuration:

Status
Status: Ready

Directory Number Information
Directory Number*: 1001
Route Partition: <None >
Description: Helios IP
Alerting Name: Helios IP No.1
ASCII Alerting Name:
 Active

Directory Number Settings
Voice Mail Profile: <None > (Choose <None> to use system default)
Calling Search Space: <None >
Presence Group*: Standard Presence group
User Hold MOH Audio Source: <None >
Network Hold MOH Audio Source: <None >

AAR Settings
AAR: or
AAR Destination Mask:
AAR Group: <None >
 Retain this destination in the call forwarding history

Call Forward and Call Pickup Settings
Calling Search Space Activation Policy: Použit výchozí systémová nastavení
Forward All: or
Secondary Calling Search Space for Forward All: <None >
Forward Busy Internal: or
Forward Busy External: or
Forward No Answer Internal: or

3. Here are configured:

- 3.1.1. Directory number – 2N Helios IP phone number
- 3.1.2. Route Partition – address space, where will be number assigned
- 3.1.3. Alerting Name - name, that will be displayed to a called party calling from 2N Helios.

3.2. Restart terminal in Cisco Unified CallManageru

- 3.2.1. Menu Device/Phone
- 3.2.2. Open terminal configuration
- 3.2.3. Click button Reset (in page bottom side) and select Reset or Restart (does no matter).

4. Configuration 2N Heliosu IP:

4.1. Advanced Settings/SIP Settings:

4.2. Display name - name, that will be 2N Helios IP presenting to called party

- 4.2.1. Used ID – here you fill in line number (point 1.6.)
- 4.2.2. Domain - IP address or domain name Cisco Unified CallManager server
- 4.2.3. Use auth ID – configure on Yes
- 4.2.4. Auth ID name for authorization at sign up to Cisco Unified CallManager server (point 1.3.11)
- 4.2.5. Password – user password selected from previous point
- 4.2.6. Proxy address - IP address or domain name Cisco Unified CallManager server
- 4.2.7. Proxy port - SIP port Cisco Unified CallManager server (usually 5060)
- 4.2.8. Register Helios IP – set to Yes
- 4.2.9. Registration expires – expiration registration time - with Cisco Unified CallManagerem set at least 120 s; usually used 3600 s.

4.2.10. Save Helios configuration to 2N Helios



IP

5. At the 2N Helios IP start up Information page should be now at raw Registration state stated Registered. The same also at the terminal listings (Device/Phone) in Cisco Unified CallManager mentioned Registered