

# CCM(6 a 7) - Jak připojit 2N® Helios IP přes SIP trunk

2N® Helios IP bude přidán s těmito parametry:

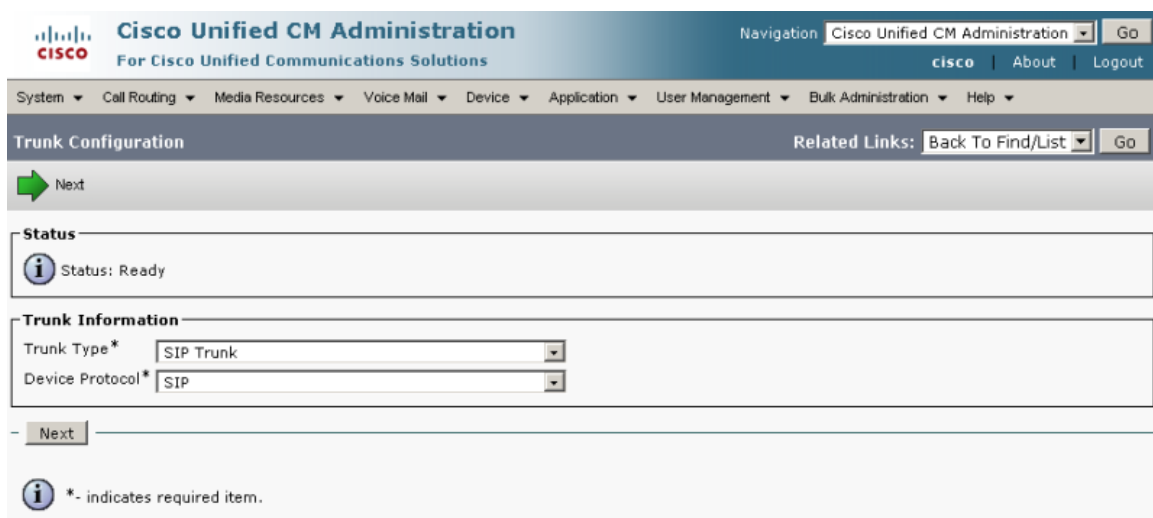
- uživatel 4999
- příchozí port 5060
- IP adresa 2N Helios IP 192.168.22.26
- příchozí port do 2N Helios IP 5060
- IP adresa CUCM 192.168.22.35

použité příkazy:


- vytvoření aplikačního uživatele - `add_application_user`
- bezpečnostní profil SIP trunku - `SIP_trunk_profile`
- přidání stanice jako SIP trunk - `SIP_trunk_for_Helios_IP`

## SIP Trunk for 2N® Helios IP

### Trunk configuration



The screenshot shows the Cisco Unified CM Administration web interface. The page title is "Cisco Unified CM Administration" with the Cisco logo. The navigation bar includes "Navigation" and "Go" buttons. Below the navigation bar, there are several menu items: "System", "Call Routing", "Media Resources", "Voice Mail", "Device", "Application", "User Management", "Bulk Administration", and "Help". The main content area is titled "Trunk Configuration" and includes a "Related Links" section with a "Back To Find/List" button and a "Go" button. A green arrow icon labeled "Next" is visible. The "Status" section shows "Status: Ready". The "Trunk Information" section contains two dropdown menus: "Trunk Type\*" set to "SIP Trunk" and "Device Protocol\*" set to "SIP". A "Next" button is located below the "Trunk Information" section. At the bottom, there is an information icon and the text "\* - indicates required item."


**Cisco Unified CM Administration**  
 For Cisco Unified Communications Solutions

Navigation Cisco Unified CM Administration Go

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

Trunk Configuration Related Links: Back To Find/List Go

Save
✖ Delete
↺ Reset
✍ Apply Config
✚ Add New

**Status**  
i Status: Ready

**Device Information**

|                             |   |
|-----------------------------|---|
| Product:                    | SIP Trunk                                       |
| Device Protocol:            | SIP   |
| Device Name*                | <input type="text" value="Helios_IP_trunk"/>    |
| Description                 | <input type="text" value="Helios IP trunk"/>    |
| Device Pool*                | <input type="text" value="Testing"/>            |
| Common Device Configuration | <input type="text" value="&lt; None &gt;"/>     |
| Call Classification*        | <input type="text" value="Use System Default"/> |
| Media Resource Group List   | <input type="text" value="MRGL_TestTeam"/>      |
| Location*                   | <input type="text" value="Hub_None"/>           |
| AAR Group                   | <input type="text" value="&lt; None &gt;"/>     |
| Packet Capture Mode*        | <input type="text" value="None"/>               |
| Packet Capture Duration     | <input type="text" value="0"/>                  |

Media Termination Point Required  
 Retry Video Call as Audio  
 Transmit UTF-8 for Calling Party Name  
 Unattended Port  
 SRTP Allowed - When this flag is checked, Encrypted TLS needs to be configured in the network to provide end to end security. Failure to do so will expose keys and other information.  
 Use Trusted Relay Point\*

**Incoming Calling Party Settings**  

If the administrator sets the prefix to Default this indicates call processing will use prefix at the next level setting (DevicePool/Service Parameter). Otherwise, the value configured is used as the prefix unless the field is empty in which case there is no prefix assigned.

Clear Prefix Settings
Default Prefix Settings

| Number Type    | Prefix                               | Strip Digits                   | Use Device Pool CSS                 | Ca  |
|----------------|--------------------------------------|--------------------------------|-------------------------------------|---|
| Unknown Number | <input type="text" value="Default"/> | <input type="text" value="0"/> | <input checked="" type="checkbox"/> | <input type="text" value="&lt; None &gt;"/> |

**Multilevel Precedence and Preemption (MLPP) Information**  
 MLPP Domain

**Call Routing Information**

Remote-Party-Id  
 Asserted-Identity  
 Asserted-Type\*   
 SIP Privacy\*

**Inbound Calls**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Significant Digits*             | <input type="text" value="All"/>      |
| Connected Line ID Presentation* | <input type="text" value="Default"/>  |
| Connected Name Presentation*    | <input type="text" value="Default"/>  |
| Calling Search Space            | <input type="text" value="TestTeam"/> |
| AAR Calling Search Space        | <input type="text" value="TestTeam"/> |
| Prefix DN                       | <input type="text"/>                  |

Redirecting Diversion Header Delivery - Inbound

**Outbound Calls**

Called Party Transformation CSS

Use Device Pool Called Party Transformation CSS

Calling Party Transformation CSS

Use Device Pool Calling Party Transformation CSS

Calling Party Selection\*

Calling Line ID Presentation\*

Calling Name Presentation\*

Caller ID DN

Caller Name

Redirecting Diversion Header Delivery - Outbound

**SIP Information**

Destination Address

Destination Address IPv6

Destination Address is an SRV

Destination Port\*

MTP Preferred Originating Codec\*

Presence Group\*

SIP Trunk Security Profile\*

Rerouting Calling Search Space

Out-Of-Dialog Refer Calling Search Space

SUBSCRIBE Calling Search Space

SIP Profile\*


DTMF Signaling Method\*


**Geolocation Configuration**

Geolocation

Geolocation Filter

Send Geolocation Information

 \*. indicates required item.

 \*\*. Device reset is not required for changes to Packet Capture Mode and Packet Capture Duration.

## SIP Trunk security profile

**Cisco Unified CM Administration** For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

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

**SIP Trunk Security Profile Configuration** Related Links: Back To Find/List Go

Save Delete Copy Reset Apply Config Add New

**Status**  
Status: Ready

**SIP Trunk Security Profile Information**

|   |  |
|---|--|
| Name*   | Non Secure SIP Trunk Profile                           |
| Description   | Non Secure SIP Trunk Profile authenticated by null Str |
| Device Security Mode  | Non Secure   |
| Incoming Transport Type*  | TCP+UDP  |
| Outgoing Transport Type   | UDP  |
| <input type="checkbox"/> Enable Digest Authentication           |  |
| Nonce Validity Time (mins)*                                     | 600  |
| X.509 Subject Name  |  |
| Incoming Port*  | 5060   |
| <input type="checkbox"/> Enable Application Level Authorization |  |
| <input type="checkbox"/> Accept Presence Subscription           |  |
| <input type="checkbox"/> Accept Out-of-Dialog REFER             |  |
| <input type="checkbox"/> Accept Unsolicited Notification        |  |
| <input type="checkbox"/> Accept Replaces Header                 |  |
| <input type="checkbox"/> Transmit Security Status               |  |

Save Delete Copy Reset Apply Config Add New

\* - indicates required item.

Add Application user

**Cisco Unified CM Administration** For Cisco Unified Communications Solutions

Navigation: Cisco Unified CM Administration Go

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

Application User Configuration Related Links: Back To Find/List Go

Save Delete Copy Add New

**Status**  
 Status: Ready

**Application User Information**

User ID\* 4999 [Edit Credential](#)

Password

Confirm Password

Digest Credentials

Confirm Digest Credentials

Presence Group\* Standard Presence group

Accept Presence Subscription  
 Accept Out-of-dialog REFER  
 Accept Unsolicited Notification  
 Accept Replaces Header

**Device Information**

Available Devices  
 IPCommNB  
 IPCommPC  
 SEP00041340031C  
 SEP000413410EB5  
 SEP0004F20589B1  
[Find more Phones](#)  
[Find more Route Points](#)  
[Find more Pilot Points](#)

Controlled Devices

**CAPF Information**

Associated CAPF Profiles  
[View Details](#)

**Permissions Information**

Groups  
[View Details](#)  
[Add to User Group](#)  
[Remove from User Group](#)

Roles  
[View Details](#)

Save Delete Copy Add New

\*- indicates required item.

Další informace:  
 Dveřní & Bezpečnostní interkomy (oficiální stránky 2N)