


# PRI Configuration

Thursday, February 3, 2022 4:44 PM






## Device > Gateway

**Gateway Details**


Product	Cisco ISR 4321
Gateway	ISR4321
Protocol	MGCP
 Device is not trusted	
Domain Name*	<input type="text" value="ISR4321"/>
Description	<input type="text" value="ISR4321"/>
Cisco Unified Communications Manager Group*	<input type="text" value="Default"/>

**Configured Slots, VICs and Endpoints**

Module in Slot 0


Subunit 1	<input type="text" value="NIM-4FXO"/>	Begin Port	<input type="text" value="0"/>	0/1/ 0		0/1/ 1		0/1/ 2		0/1/ 3	
Subunit 2	<input type="text" value="NIM-1MFT-T1E1-E1"/>	Begin Port	<input type="text" value="0"/>	0/2/ 0							


**Product Specific Configuration Layout**



Global ISDN Switch Type	<input type="text" value="4ESS"/>
Switchback Timing*	<input type="text" value="Graceful"/>
Switchback uptime-delay (min)	<input type="text" value="10"/>
Switchback schedule (hh:mm)	<input type="text" value="12:00"/>
Type Of DTMF Relay*	<input type="text" value="Current GW Config"/>
Modem Passthrough*	<input type="text" value="Enable"/>
Cisco Fax Relay*	<input type="text" value="Disable"/>
T38 Fax Relay*	<input type="text" value="Disable"/>
RTP Package Capability*	<input type="text" value="Enable"/>
MT Package Capability*	<input type="text" value="Disable"/>
RES Package Capability*	<input type="text" value="Disable"/>
PRE Package Capability*	<input type="text" value="Enable"/>
SST Package Capability*	<input type="text" value="Enable"/>
RTP Unreachable OnOff*	<input type="text" value="Enable"/>
RTP Unreachable timeout (ms)*	<input type="text" value="1000"/>
RTCP Report Interval (secs)*	<input type="text" value="0"/>
Simple SDP*	<input type="text" value="Enable"/>

## Device > Gateway>PRI slot

**Status** Status: Ready**Device Information**

Product	Cisco MGCP E1 Port
Gateway	ISR4321
Device Protocol	Digital Access PRI
Registration:	Registered with Cisco Unified Communications Manager 10.1.3.16
IPv4 Address:	10.1.3.15
 Device is not trusted	
End-Point Name *	S0/SU2/DS1-0@ISR4321
Description	<input type="text" value="S0/SU2/DS1-0@ISR4321"/>
Device Pool*	<input type="text" value="Default"/>
Common Device Configuration	<input type="text" value="&lt; None &gt;"/>
Call Classification*	<input type="text" value="OffNet"/>
NetworkLocale	<input type="text" value="&lt; None &gt;"/>
Packet Capture Mode*	<input type="text" value="None"/>
Packet Capture Duration	<input type="text" value="0"/>
Media Resource Group List	<input type="text" value="QamziHQ"/>
Location*	<input type="text" value="Hub_None"/>
AAR Group	<input type="text" value="&lt; None &gt;"/>
Load Information	<input type="text" value=""/>
Use Trusted Relay Point*	<input type="text" value="Default"/>
Route Class Signaling Enabled*	<input type="text" value="Default"/>
<input type="checkbox"/> Transmit UTF-8 for Calling Party Name	
<input type="checkbox"/> V150 (subset)	
<input type="checkbox"/> Enable Protected Facility IE	
<input checked="" type="checkbox"/> PSTN Access	
<input type="checkbox"/> Connect Inbound Call before Playing Queuing Announcement	

**MLPP and Confidential Access Level Information**

MLPP Domain	<input type="text" value="&lt; None &gt;"/>
MLPP Indication	<input type="text" value="Off"/>
MLPP Preemption	<input type="text" value="Disabled"/>
Confidential Access Mode	<input type="text" value="&lt; None &gt;"/>
Confidential Access Level	<input type="text" value="&lt; None &gt;"/>

**Interface Information**

PRI Protocol Type*	<input type="text" value="PRI EURO"/>
QSIG Variant*	<input type="text" value="No Changes"/>
ASN.1 ROSE OID Encoding*	<input type="text" value="No Changes"/>
Protocol Side*	<input type="text" value="User"/>
Channel Selection Order*	<input type="text" value="Top Down"/>

**Interface Information**

PRI Protocol Type*	PRI EURO
QSIG Variant*	No Changes
ASN.1 ROSE OID Encoding*	No Changes
Protocol Side*	User
Channel Selection Order*	Top Down
Channel IE Type*	Use Number when 1B
PCM Type*	A-law
Delay for first restart (1/8 sec ticks)*	32
Delay between restarts (1/8 sec ticks)*	4
<input checked="" type="checkbox"/> Inhibit restarts at PRI initialization	
<input type="checkbox"/> Enable status poll	
<input type="checkbox"/> Unattended Port	
<input type="checkbox"/> Enable G.Clear	

**Call Routing Information - Inbound Calls**

Significant Digits*	2
Calling Search Space	DID
AAR Calling Search Space	DID
Prefix DN	

**Call Routing Information - Outbound Calls**

Calling Party Presentation*	Allowed
Calling Party Selection*	Originator
Called party IE number type*	Cisco CallManager
Calling party IE number type*	Cisco CallManager
Called Numbering Plan*	National Standard
Calling Numbering Plan*	National Standard
Number of digits to strip*	0
Caller ID DN	
SMDI Base Port*	0
Called Party Transformation CSS	DID
<input type="checkbox"/> Use Device Pool Called Party Transformation CSS	
Calling Party Transformation CSS	DID
<input type="checkbox"/> Use Device Pool Calling Party Transformation CSS	

**PRI Protocol Type Specific Information**

Display IE Delivery

Redirecting Number IE Delivery - Outbound

Redirecting Party Transformation CSS

Use Device Pool Redirecting Party Transformation CSS

Redirecting Number IE Delivery - Inbound

Send Extra Leading Character in Display IE\*\*\*

Setup non-ISDN Progress Indicator IE Enable\*\*\*\*

MCDN Channel Number Extension Bit Set to Zero\*\*

Send Calling Name In Facility IE

Interface Identifier Present\*\*

Interface Identifier Value\*\*

Connected Line ID Presentation (QSIG Inbound Call)\*

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**Connected Party Settings**

Connected Party Transformation CSS

Use Device Pool Connected Party Transformation CSS

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**UUIE Configuration**

Passing Precedence Level Through UUIE

Security Access Level\*


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**Intercompany Media Engine (IME)**

E.164 Transformation Profile

Call routing > Routing/Hunt > Route pattern

**- Status**

 Status: Ready

**- Pattern Definition**

Route Pattern*	<input type="text" value="9.01002713555"/>		
Route Partition	<input type="text" value="MOBILE PRI"/>		
Description	<input type="text"/>		
Numbering Plan	<input type="text" value="-- Not Selected --"/>		
Route Filter	<input &gt;")"="" none="" type="text" value("&lt;=""/>		
MLPP Precedence*	<input type="text" value="Default"/>		
<input type="checkbox"/> Apply Call Blocking Percentage	<input type="text"/>		
Resource Priority Namespace Network Domain	<input &gt;")"="" none="" type="text" value("&lt;=""/>		
Route Class*	<input type="text" value="Default"/>		
Gateway/Route List*	<input type="text" value="S0/SU2/DS1-0@ISR4321"/>		
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="No Error"/>		
Call Classification*	<input type="text" value="OffNet"/>		
External Call Control Profile	<input &gt;")"="" none="" type="text" value("&lt;=""/>		
<input type="checkbox"/> Allow Device Override	<input type="checkbox"/> Provide Outside Dial Tone	<input type="checkbox"/> Allow Overlap Sending	<input type="checkbox"/> Urgent Priority
<input type="checkbox"/> Require Forced Authorization Code			
Authorization Level*	<input type="text" value="0"/>		
<input type="checkbox"/> Require Client Matter Code			

[\(Edit\)](#)

**- Calling Party Transformations**

Use Calling Party's External Phone Number Mask



Calling Party Transform Mask	<input type="text" value="20225876357"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation*	<input type="text" value="Default"/>
Calling Name Presentation*	<input type="text" value="Default"/>
Calling Party Number Type*	<input type="text" value="Cisco CallManager"/>
Calling Party Numbering Plan*	<input type="text" value="ISDN"/>

**- Connected Party Transformations**


Connected Line ID Presentation*	<input type="text" value="Default"/>
Connected Name Presentation*	<input type="text" value="Default"/>

**Call routing > Translation Pattern**

## Translation Pattern Configuration

 Save  Delete  Copy  Add New

### Status

 Status: Ready

### Pattern Definition

Translation Pattern	<input type="text" value="52"/>
Partition	<input type="text" value="DID"/>
Description	<input type="text"/>
Numbering Plan	<input type="text" value=" &lt; None &gt;"/>
Route Filter	<input type="text" value=" &lt; None &gt;"/>
MLPP Precedence*	<input type="text" value="Default"/>
Resource Priority Namespace Network Domain	<input type="text" value=" &lt; None &gt;"/>
Route Class*	<input type="text" value="Default"/>
Calling Search Space	<input type="text" value="All Trunks"/>
<input type="checkbox"/> Use Originator's Calling Search Space	
External Call Control Profile	<input type="text" value=" &lt; None &gt;"/>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="No Error"/>
<input checked="" type="checkbox"/> Provide Outside Dial Tone	
<input checked="" type="checkbox"/> Urgent Priority	
<input type="checkbox"/> Do Not Wait For Interdigit Timeout On Subsequent Hops	
<input type="checkbox"/> Route Next Hop By Calling Party Number	

### Calling Party Transformations

<input type="checkbox"/> Use Calling Party's External Phone Number Mask	
Calling Party Transform Mask	<input type="text"/>
Prefix Digits (Outgoing Calls)	<input type="text"/>
Calling Line ID Presentation*	<input type="text" value="Default"/>
Calling Name Presentation*	<input type="text" value="Default"/>
Calling Party Number Type*	<input type="text" value="Subscriber"/>
Calling Party Numbering Plan*	<input type="text" value="ISDN"/>

### Connected Party Transformations

Connected Line ID Presentation*	<input type="text" value="Default"/>
Connected Name Presentation*	<input type="text" value="Default"/>

### Called Party Transformations

Discard Digits	<input type="text" value=" &lt; None &gt;"/>
Called Party Transform Mask	<input type="text" value="01002713555"/>
Prefix Digits (Outgoing Calls)	<input type="text" value="9"/>
Called Party Number Type*	<input type="text" value="Cisco CallManager"/>
Called Party Numbering Plan*	<input type="text" value="Cisco CallManager"/>