

How to create a new LCR rule

Lets say that we want to the divide outgoing GSM numbers between 2 GSM providers in accordance to the dialled prefix and all another outgoing calls we want to route into VoIP provider.

Prefixes 71, 72, 75 belong to GSM Provider1, prefixes 74 and 84 belong to GSM Provider2

Lets say, that we have SIM cards of Provider1 inserted in GSM module 1 and for Provider2 we have only one SIM in GSM module 2.

Add a new Routes (Telephony services – LCR – Routes) for GSM Provider1 and Provider2 and assign GSM modules for them (it is possible to highlight more than one line. Just hold CTRL and click the mouse button).

The screenshot displays the Asterisk web interface for configuring a route. On the left is a navigation menu with categories: Devices, Services, Mobility Extension, Fax, LCR (highlighted), GSM routing, and SIP proxy. Under LCR, sub-items include Time intervals, Normalization, Tariffication, Blacklist, Routes (highlighted), and LCR test. The main content area is titled "Modify route 'Provider1'" and contains the following fields:

- Route name:** Provider1
- Lines of route:** A list box containing "GSM module - 1", "SIP - Internal SIP line", "SIP - 19", and "SIM card - 8942020322602312992". To the right are "Shift up" and "Shift down" buttons.
- Time intervals:** A list box containing "weekdays", "weekend", and "workdays". To the right are "Add day group" and "Add time range" links.
- CLIP/CLIR:** Default
- Description:** (Empty text field)

Additional links on the right side include "Add SIP line", "Add H.323 line", and "Add SIM card".

Add a new LCR rule (Telephony services – LCR) for the prefixes of both GSM providers

Fill Destination name and the prefixes, choose Route name

Devices

GSM

Services

Mobility Extension

Fax

LCR

- Time intervals
- Normalization
- Tariffication
- Blacklist
- Routes
- LCR test

GSM routing

SIP proxy

Add LCR table item

Enabled:

Destination name:

Prefix 1:

Prefix 2:

Prefix 3: [Add next...](#)

Description:

Route name: [Add route](#)

Priority type 1:

Priority type 2:

Priority type 3:

Priority type 4:

Description:

Add LCR table item

Enabled:

Destination name:

Prefix 1:

Prefix 2: [Add next...](#)

Description:

Route name: [Add route](#)

Priority type 1:

Priority type 2:

Priority type 3:

Priority type 4:

Description:

Shift the rule up (to the top of list) – it has to be before .* (that means everything)

Set LCR table item

Icons: +, Shift up, ↓, ↑, ↓, ✎, ↶

Destination	Prefix	Enabled	Routes	Description
To FXS line 17	199	<input checked="" type="checkbox"/>	FXS line 17	factory default
To SIP line 16	1	<input checked="" type="checkbox"/>	SIP line 16	factory default
To DISA line 21	4	<input checked="" type="checkbox"/>	DISA line 21	factory default
To SIP line 19		<input checked="" type="checkbox"/>	SIP line 19	factory default
To GSM	.*	<input checked="" type="checkbox"/>	GSM	factory default
to Provider1	71; 72; 75	<input checked="" type="checkbox"/>	Provider1	
to Provider2	74; 84	<input checked="" type="checkbox"/>	Provider2	

Delete the destination „To GSM“ which has the prefix .* (this is chart for all prefixes)

Make a new rule for all prefixes, which will be routed into VoIP provider.

Leave prefix field blank and choose the route to your VoIP provider

Add LCR table item

Enabled:

Destination name:

Prefix 1: [Add next...](#)

Description:

Route name: [Add route](#)

Priority type 1:

Priority type 2:

Priority type 3:

Priority type 4:

Description:

Set LCR table item



Destination		Prefix	Enabled	Routes	Description
to Provider1	<input type="checkbox"/>	71; 72; 75	<input checked="" type="checkbox"/>	Provider1	
to Provider2	<input type="checkbox"/>	74; 84	<input checked="" type="checkbox"/>	Provider2	
To FXS line 17	<input type="checkbox"/>	199	<input checked="" type="checkbox"/>	FXS line 17	factory default
To SIP line 16	<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	SIP line 16	factory default
To DISA line 21	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>	DISA line 21	factory default
to VoIP provider	<input type="checkbox"/>	,*	<input checked="" type="checkbox"/>	SIP line 19	