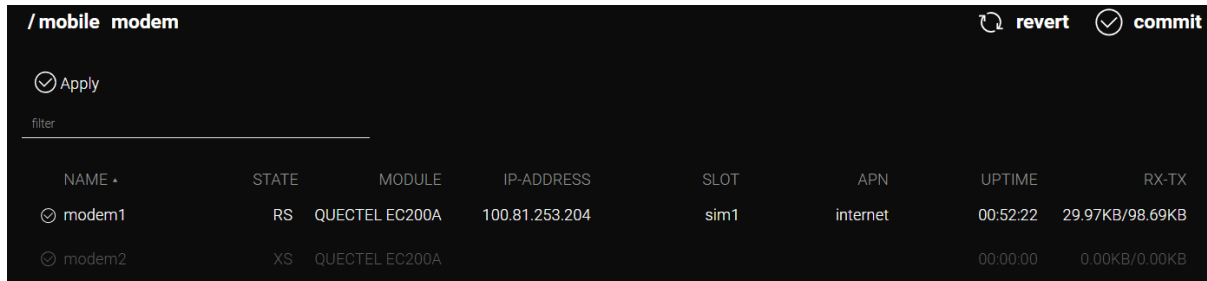


Mobile Network Configuration

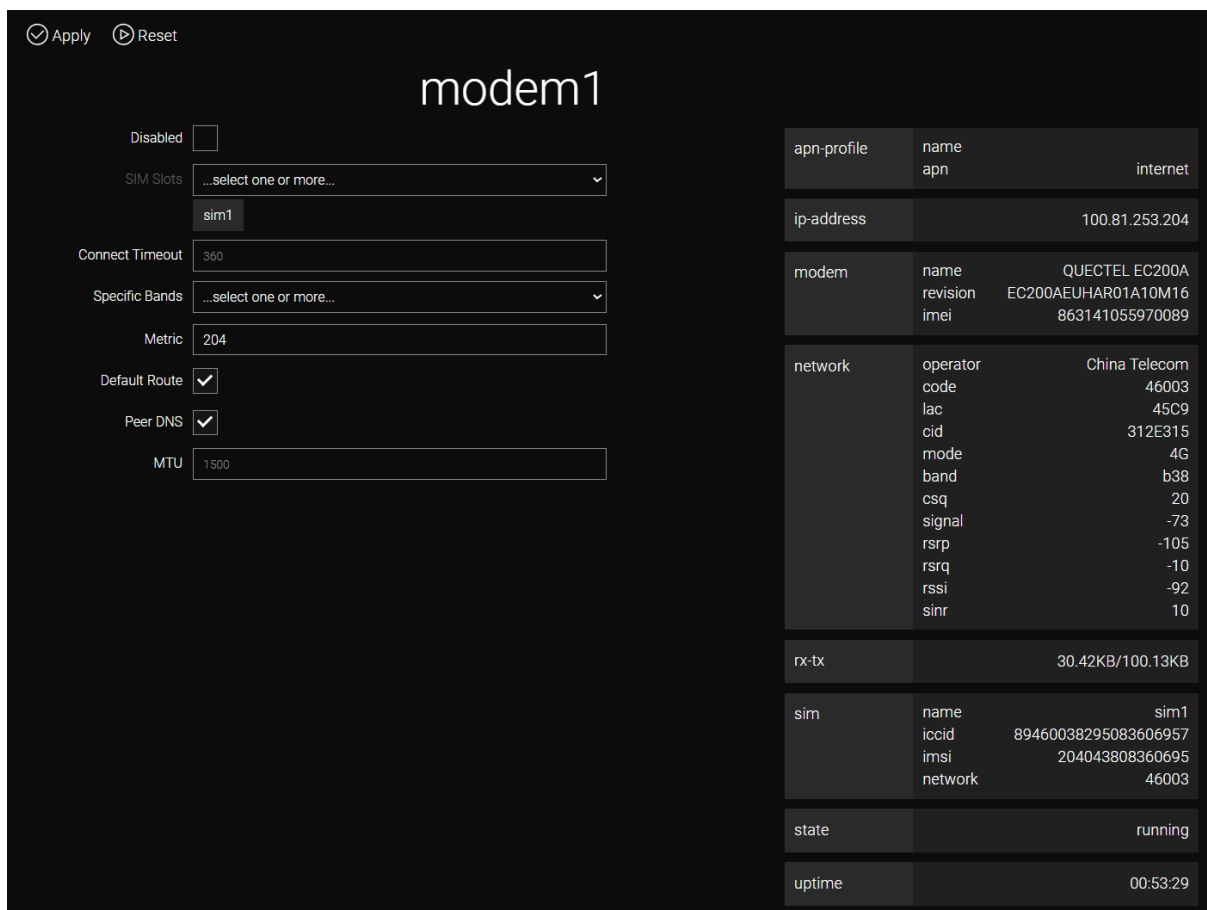
Mobile network parameters are configured in the `/mobile/modem` section.

- `modem1...N` — Cellular module; the number of modules depends on the router model.
- `sim1...N` — SIM card located in the corresponding SIM slot.



NAME	STATE	MODULE	IP-ADDRESS	SLOT	APN	UPTIME	RX-TX
modem1	RS	QUECTEL EC200A	100.81.253.204	sim1	internet	00:52:22	29.97KB/98.69KB
modem2	XS	QUECTEL EC200A				00:00:00	0.00KB/0.00KB

The mobile network functions with default settings once the SIM cards are installed.



modem1

Disabled

SIM Slots: ...select one or more...
sim1

Connect Timeout: 360

Specific Bands: ...select one or more...

Metric: 204

Default Route:

Peer DNS:

MTU: 1500

apn-profile	name	internet
apn-profile	apn	
ip-address		100.81.253.204
modem	name	QUECTEL EC200A
modem	revision	EC200AEUHAR01A10M16
modem	imei	863141055970089
network	operator	China Telecom
network	code	46003
network	lac	45C9
network	cid	312E315
network	mode	4G
network	band	b38
network	csq	20
network	signal	-73
network	rsrp	-105
network	rsrq	-10
network	rssi	-92
network	sinr	10
rx-tx		30.42KB/100.13KB
sim	name	sim1
sim	iccid	89460038295083606957
sim	imsi	204043808360695
sim	network	46003
state		running
uptime		00:53:29

Current connection status is displayed on the device's dashboard.

Basic Parameters

- **Disabled** — Disables the modem.
- **Default Route** — Uses the cellular connection as the default route.
- **Metric** — A numerical value determining route priority (lower values are preferred). A metric must be specified for the **Default Route** to function. To prevent routing conflicts, the metric value must be unique for each interface.
- **Specific Bands** — Selection of frequency bands. If the cellular module supports band selection, the **Specific Bands** field and the list of available bands are displayed in the web interface. The following notation is used: *b<x>* — 4G, *wcdma<x>* — 3G, *gsm<x>* — 2G (not supported by all modules).

modem2

Disabled

SIM Slots ...select one or more...
sim2

Connect Timeout 360

Specific Bands

Metric b1

Default Route b3

Peer DNS b7

MTU b8

b20
b28
b38
b40
b41
gsm900
gsm1800
wcdma850
wcdma900
wcdma2100

CLI Configuration

Execution of the **[TAB]** command displays the default parameter values.

Default Modem Settings

```
admin@Router[>]mobile modem modem2
admin@Router[/mobile modem modem2]>[TAB]
  defaultroute           true
  disabled               false
  metric                 205
  modem-band
  modem-connect-timeout 360
  modem-sim-slot         sim2
  mtu                    1500
  peerdns               true
  protocol               auto
```

Band Selection

```
admin@Router[/mobile modem modem2]>modem-band
b1
b3
b7
b8
b20
b28
b38
b40
b41
gsm900
gsm1800
gsm1900
wcdma900
wcdma2100
admin@Router[/mobile modem modem1]> modem-band b1 b20 b28 b3 b8
```



All modifications are permanently saved to the router configuration only after executing the `/system config commit` command or clicking the **commit** button in the web interface.