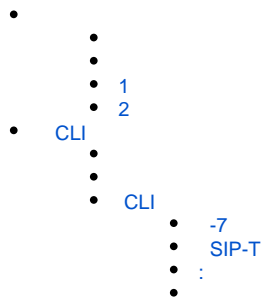


CLI



- PBX- CgPN – CgPN CdPN;
- PBX- CdPN – CgPN CdPN (CdPN .1);
- RADIUS CgPNin – CgPN (CgPN .1,2);
- RADIUS CdPNin – CdPN (CdPN .1,2).

- PBX- CgPN – CgPN CdPN (CgPN);
- PBX- CdPN – CgPN CdPN (CdPN);
- RADIUS CgPNout – CgPN (CgPN);
- RADIUS CdPNout – CdPN (CdPN).

1

0 , {1{4,6}} – , 34, .

5-, 6- 7-, 1. : «.+34??» («.» – , «+34» – 34, «» – 4 , «??» – 2 5-, 6- 7-, ,).

:

SMG> **config** //

Entering configuration mode

SMG-[CONFIG]> **new modifiers-table** //

NEW 'MOD-TABLE' [07]: successfully created // 7

SMG-[CONFIG]> **modifiers table 7** // 7

Entering modifiers-table mode.

SMG-[CONFIG]-MODTABLE[7]> **add** (1x{4,6}) ".+34xxx??" //

```

Mdifier. add
Modifier. Create: mask <(1x{4,6})>, cld-rule <.+34xxxx\?\?>, clg-rule <$>
NEW 'MODIFIER' [07]: successfully created
Modifier. Created with index [7].
'MODIFIER' [07]:
    table: 7
    mask: (1x{4,6})
    numtype: any
    AONcat: any
    general-access: no change
    general-numplan: no change

    called-rule: .+34xxxx??
    called-type: no change
    called-numplan: no change

    calling-rule: $
    calling-type: no change
    calling-numplan: no change
    calling-present: no change
    calling-screen: no change
    calling-catAON: no change

```

SMG-[CONFIG]-MODTABLE[7]> **exit** //

Back to configuration mode.

SMG-[CONFIG]> **trunk 0** //

Entering trunk-mode

SMG-[CONFIG]-TRUNK[0]> **modifiers table outgoing called 7** // *CdPN* .

```

Trunk[0]. Set oModCld '7'
'TRUNK GROUP' [00]:
    name: TrunkGroup00
    disable out: no
    disable in: no
    reserv trunk: none
    direct_pfx: none
    RADIUS-profile: none
    destination: SIPT-Interface [3]
    local: no

    Modifiers:
        incoming calling: none
        incoming called: none
        outgoing calling: none
        outgoing called: 7

```

2

0 , 383, - «subscriber».

- 10- 383, , «». (383). - 3, , : «...». change (, , add 2, change 2).

:

SMG> **config** //

SMG-[CONFIG]> **trunk 0** //

SMG-[CONFIG]-TRUNK[0]> **modifiers** //

SMG-[CONFIG]-TRUNK[0]-MODIFIER> **add incoming calling (383xxxxxxx) "...xxxxxxx"** //

```

InModifier. Create: mask <(383xxxxxxx)>, rule <...xxxxxxx>
NEW 'TRUNK: IN-MODIFIER' [02]: successfully created
InModifier. Created with index [2].
'TRUNK: IN-MODIFIER' [02]:
    trunk:          0
    type:           calling
    mask:           (383xxxxxxx)
    rule:           ...xxxxxxx
    calling-type:   no change
    calling-pres:   no change
    calling-scrn:   no change
    calling-catAON: no change

```

SMG-[CONFIG]-TRUNK[0]-MODIFIER> **change incoming clg_type 2 subscriber //** ,

```

'TRUNK: IN-MODIFIER' [02]:
    trunk:          0
    type:           calling
    mask:           (383xxxxxxx)
    rule:           ...xxxxxxx
    calling-type:   subscriber
    calling-pres:   no change
    calling-scrn:   no change
    calling-catAON: no change

```

CLI

-7-SIPT.

1 SMG.

-Z:

- OPC=67;
- DPC=32;
- SLC=1 1;
- CIC 2 31, 2 31;
- - « , » (, , « , »).

SIP-T:

- IP- - 192.168.16.7;
- UDP- SIP- - 5060;
- - 25;
- G.711 - 30 ;
- DTMF RFC2833, RFC2833 - 101.

:

- -7 0;
- SIP-T 1;
- -7 7- , 6, 7, 91, 92, 93;
- SIP-T 7- , 1, 2, 3;
- -7 .

CLI

-7

SMG> **config //**

SMG-[CONFIG]> **new linkset //** ()

NEW 'LINKSET' [00]: successfully created

SMG-[CONFIG]> **linkset 0 //**

Entering Linkset-mode.

SMG-[CONFIG]-LINKSET[0]> **chan_order even_successive_forward //** -,

Linkset[0]. Set chan_order '6'

SMG-[CONFIG]-LINKSET[0]> **DPC 32 //**

Linkset[0]. Set DPC '32'

SMG-[CONFIG]-LINKSET[0]> **OPC 67 //**

Linkset[0]. Set OPC '67'

SMG-[CONFIG]-LINKSET[0]> **init group-reset //**

Linkset[0]. Set init '7'

SMG-[CONFIG]-LINKSET[0]> **net_ind national //** -

```
Linkset[0]. Set net_ind '3'
'LINKSET' [00]:

                Name:      Linkset00
                Trunk:      1
                Access cat: 0
                OPC:        67
                DPC:        32
                init:       'group reset'
                china:      n
                chan_order: 'even_successive_forward'
                netw_ind:   national
                satellite:  override_no_satellite
                interwork:  no change
                TMR:        speech
                alarm ind:  no
                CCI:        off
                CCI_freq:   3
```

SMG-[CONFIG]-LINKSET[0]> **exit //**

Leaving Linkset mode

SMG-[CONFIG]> **e1 0 //** 1

Entering E1-stream mode

SMG-[CONFIG]-E1[0]> **enabled //** 1

E1[0]. Set line 'on'

SMG-[CONFIG]-E1[0]> **signaling SS7 //** -7

```
E1[0]. Set Signaling 3
'E1: PHYS' [00]:

                line      'on'
                code      'hdb3'
                eq        'off'
                crc       'off'
                sig       'SIG_SS7' (3)
                alarm_ind 'off'
                rem_alarm_ind 'off'
```

SMG-[CONFIG]-E1[0]> **ss7 //** -7

E1[0]. Signaling is SS7

SMG-[CONFIG]-E1[0]-[SS7]> **CIC fill 0 1 //** 0 1

E1-SS7[0]. Fill CIC: start [0], step [1]

SMG-[CONFIG]-E1[0]-[SS7]> **Dchan 1** // 1

E1-SS7[0]. Set Dchan 1

SMG-[CONFIG]-E1[0]-[SS7]> **SLC 1** // 1

E1-SS7[0]. Set SLC 1

SMG-[CONFIG]-E1[0]-[SS7]> **linkset 0** //

```
E1-SS7[0]. Set Linkset 0
'E1: SS7' [00]:

                                linkset:    0
                                SLC:        1

                                CICs:
00: --- | 01: -D- | 02: 002 | 03: 003 |
04: 004 | 05: 005 | 06: 006 | 07: 007 |
08: 008 | 09: 009 | 10: 010 | 11: 011 |
12: 012 | 13: 013 | 14: 014 | 15: 015 |
16: 016 | 17: 017 | 18: 018 | 19: 019 |
20: 020 | 21: 021 | 22: 022 | 23: 023 |
24: 024 | 25: 025 | 26: 026 | 27: 027 |
28: 028 | 29: 029 | 30: 030 | 31: 031 |
```

SMG-[CONFIG]-E1[0]-[SS7]> **exit** // -7

Leaving SS7-signaling mode

SMG-[CONFIG]-E1[0]> **exit** // 1

Leaving E1-stream mode

SIP-T



SMG-[CONFIG]> **new sipt-interface** // SIP-T

NEW 'SIPT INTERFACE' [00]: successfully created

SMG-[CONFIG]> sip interface 0 // SIP-T

Entering SIPT-mode.

SMG-[CONFIG]-SIP/SIPT/SIPI-INTERFACE[0]> **ipaddr 192.168.16.7** // IP-

SIPT-Interface[0]. Set ipaddr '192.168.16.7'

SMG-[CONFIG]-SIPT-INTERFACE[0]> **port 5060** // UDP- SIP-T

SIPT-Interface[0]. Set port '5060'

SMG-[CONFIG]-SIP/SIPT/SIPI-INTERFACE[0]> **codec set 0 G.711-a** //

SIPT-Interface[0]. Set codec '0'

SMG-[CONFIG]-SIP/SIPT/SIPI-INTERFACE[0]> **codec pte 0 30** // 30 G.711

SIPT-Interface[0]. Set pte '30'

SMG-[CONFIG]-SIPT-INTERFACE[0]> **max_active 25** //

SIPT-Interface[0]. Set max_active '25'

SMG-[CONFIG]-SIPT-INTERFACE[0]> **DTMF mode RFC2833** // DTMF-RFC2833

SIPT-Interface[0]. Set DTMF_type '1'

SMG-[CONFIG]-SIPT-INTERFACE[0]> **DTMF payload 101** // 101 RFC2833

```
SIPT-Interface[0]. Set DTMF_PT '101'
'SIP/SIPT INTERFACE' [00]:  id[00]
                                name:      SIP-interface00
                                mode:      SIP-T
                                trunk:     0
                                access category: 0
                                ip:port:   192.168.16.7:5060
                                login / password: <not set> / <not set>

                                codecs:
                                  0 :
                                    codec:   G.711-A
                                    ptype:   8
                                    pte:     30

                                max active: 25

                                VAD/CNG:    no
                                Echo cancel: voice (default)

                                DSCP RTP:    0
                                DSCP SIG:    0
                                RTCP period: 0
                                RTCP control: 0
                                RTP loss timeout: off

                                DTMF MODE:   RFC2833
                                DTMF PType:  101
                                DTMF MIMETYPE: application/dtmf

                                CCI:         off
                                Redirect (302): disabled
                                REFER:      disabled
                                Session Expires: 1800
                                Min SE:     90
                                Refresher:  uac
                                Rport:      disabled
                                Options:    disabled:0

                                FAX-detect:  no detecting
                                FAX-mode:    none

                                VBD:        disabled

                                Jitter buffer adaptive mode
                                  minimum size: 0 ms
                                  initial size: 0 ms
                                  maximum size: 200 ms
                                  deletion mode: soft
                                  deletion threshold: 500 ms
                                  adaptation period: 10000 ms
                                  adjustment mode: non-immediate
                                  size for VBD: 0
```

SMG-[CONFIG]-SIPT-INTERFACE[0]> **exit** // SIP-T

Leaving SIPT mode

:



SMG-[CONFIG]> **new trunk** // -7

NEW 'TRUNK GROUP' [00]: successfully created

SMG-[CONFIG]> **new trunk** // *SIP-T*

NEW 'TRUNK GROUP' [01]: successfully created

SMG-[CONFIG]> **new prefix** // *-7*

NEW 'PREFIX' [00]: successfully created

SMG-[CONFIG]> **new prefix** // *SIP-T*

NEW 'PREFIX' [01]: successfully created

SMG-[CONFIG]> **trunk 0** // *-7*

Entering trunk-mode

SMG-[CONFIG]-TRUNK[0]> **destination SS7 0** // *0 0*

```
Trunk[0]. Set destination '2'
Trunk[0]. Same destination
'TRUNK GROUP' [00]:
      name:          TrunkGroup00
      disable out:   no
      disable in:    no
      reserv trunk:  none
      direct_pfx:    none
      RADIUS-profile: none
      destination:   Linkset [0]
```

SMG-[CONFIG]-TRUNK[0]> **exit** // *-7*

Leaving TRUNK mode

SMG-[CONFIG]> **trunk 1** // *SIP-T*

Entering trunk-mode

SMG-[CONFIG]-TRUNK[1]> **destination SIPT 0** // *1 SIP-T 0*

```
Trunk[1]. Set destination '3'
Trunk[1]. Same destination
'TRUNK GROUP' [01]:
name:          TrunkGroup01
      disable out:   no
      disable in:    no
      reserv trunk:  none
      direct_pfx:    none
      RADIUS-profile: none
      destination:   SIPT-Interface [0]
```

SMG-[CONFIG]-TRUNK[1]> **exit** // *SIP-T*

Leaving TRUNK mode

SMG-[CONFIG]> **prefix 0** // *0*

Entering Prefix-mode

SMG-[CONFIG]-PREFIX[0]> **type trunk** // *- « »*

Prefix[0]. Set type '1'

SMG-[CONFIG]-PREFIX[0]> **trunk 0** // *0*

Prefix[0]. Set idx '0'

SMG-[CONFIG]-PREFIX[0]> **mask edit** //

Entering Prefix-Mask mode

SMG-[CONFIG]-PREFIX[0]-MASK> **add ([67]xxxxxx[9[1-3]xxxxx)** //

```
PrefixMask. add
NEW 'PREFIX-MASK' [00]: successfully created
PrefixMask. Created with index [00].
'PREFIX-MASK' [00]:
    mask:      ([67]xxxxxx|9[1-3]xxxxx)
    prefix:    0
    type:      called
    Ltimer:    10
    Stimer:    5
    Duration:  30
```

SMG-[CONFIG]-PREFIX[0]-MASK> **exit** //

Leaving Prefix-Mask mode

SMG-[CONFIG]-PREFIX[0]> **called transit** //

```
Prefix[0]. Set called '5'
'PREFIX' [00]:
    type:      'to trunk'
    idx:       1
    access cat: 0 [no check]
    direction: 'local'
    called type: 'transit'
    getCID:    n
    needCID:    n
    dial_mode: enblock
    priority:  100
    Stimer:    5
    duration:  30
Mask for prefix [00]:
[000] - ([67]xxxxxx|9[1-3]xxxxx) [called]
    Ltimer:  10
    Stimer:   5
    Duration: 30
```

SMG-[CONFIG]-PREFIX[0]> **exit** //

Leaving Prefix mode

SMG-[CONFIG]> **prefix 1** // 1

Entering Prefix-mode

SMG-[CONFIG]-PREFIX[1]> **type trunk** // - « »

Prefix[1]. Set type '1'

SMG-[CONFIG]-PREFIX[1]> **trunk 1** // 1

Prefix[1]. Set idx '1'

SMG-[CONFIG]-PREFIX[1]> **mask edit** //

Entering Prefix-Mask mode

SMG-[CONFIG]-PREFIX[1]-MASK> **add ([1-3]xxxxxx)** //


```
PrefixMask. add
NEW 'PREFIX-MASK' [01]: successfully created
PrefixMask. Created with index [01].
'PREFIX-MASK' [01]:
                mask:      ([1-3]xxxxxx)
                prefix:    1
                type:      called
                Ltimer:    10
                Stimer:    5
                Duration:  30
```

SMG-[CONFIG]-PREFIX[1]-MASK> **exit** //

Leaving Prefix-Mask mode

SMG-[CONFIG]-PREFIX[1]> **called transit** //

```
Prefix[1]. Set called '5'
'PREFIX' [01]:
                type:      'to trunk'
                idx:      1
                access cat: 0 [no check]
                direction: 'local'
                called type: 'transit'
                getCID:    n
                needCID:   n
                dial_mode: enblock
                priority:  100
                Stimer:    5
                duration:  30
Mask for prefix [01]:
[001] - ([1-3]xxxxxx) [called]
                Ltimer:  10
                Stimer:  5
                Duration: 30
```

SMG-[CONFIG]-PREFIX[1]> **exit** //

Leaving Prefix mode



SMG-[CONFIG]> **copy running_to_startup** //

tar: removing leading '/' from member names

*****Saved successful

SMG-[CONFIG]> exit

Leaving configuration mode.

SMG> **reboot yes** //