

# /domain/<DOMAIN>/trunk/sip

SIP.

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## apply



:

domain/<DOMAIN>/trunk/sip/apply

:

apply <GROUP> <IFACE> profile <PROFILE>

:

<GROUP> - ;  
<TRUNK\_INTERFACE> - ;  
<PROFILE> - . , ISUP: ISUP.ANSI; ISUP.ETSI; ISUP.RUS; ISUP.TELCORDIA. ISUP .

:

```
admin@[mycelium1@ecss1]:/$ domain/dom1.ssw/trunk/sip/apply new.gr test_trunk profile ISUP.ANSI
Executed on the sip1@ecss1
profile 'ISUP.ANSI' is applied to trunk 'test_trunk'.
```

## block



:

domain/<DOMAIN>/trunk/sip/block

:

block <GROUP> <TRUNK\_INTERFACE> [--force]

:

<GROUP> - ,/ ;  
<TRUNK\_INTERFACE> - , "\*" ;  
[--force] - , / .



"--force" , :

```
[block] Trunk eltex will be blocked
Continue: yes/no ?>
```

"yes", / . "no", / .

:

```
./trunk/sip/block sipt_directions *
[block] Trunk ECSS3 will be blocked
Continue: yes/no ?> yes
[block] Trunk SBC.ELTEX.LOC will be blocked
Continue: yes/no ?> yes
Executed on the pa_sip@alex
```

```
-----
|      Trunk      | Block |
|-----+-----|
| ECSS3           | ok    |
| SBC.ELTEX.LOC   | ok    |
|-----|
```

## call-list

.

:

domain/<DOMAIN>/trunk/sip/call-list

:

all-list [GROUP] [INTERFACE] [OPTIONS]

:

```
<GROUP> - . "*" ;
<INTERFACE> - ;
OPTIONS:
<--complete> - , ;
<--more T [sec|min|hour]> - , ;
<--less T [sec|min|hour]> - , .
```


:

```
./trunk/sip/call-list tmip --complete
Executed on the pa_sip@alex
```

```
-----
| Interface URI | Direction | State | Time |
| Additional info |
|-----+-----+-----+-----|
+-----+-----+-----+-----+
| TMIP.Public | sip[513] <- ssw[515] | connected | Start: Mon, 24 Jun 2013 11:27:45 | Node:
pa_sip@alex, <0.7527.0> |
| | | Last activity: Mon, 24 Jun 2013 11:27:47 | CallRef:
206437603944398 |
| | | SessionID: <<"
core.cp.62313034-6466-6465-6435-393530306537">> |
| TMIP.Public | sip[515] -> ssw[61513] | connected | Start: Mon, 24 Jun 2013 11:27:45 | Node:
pa_sip@alex, <0.7521.0> |
| | | Last activity: Mon, 24 Jun 2013 11:27:47 | CallRef:
206437603944398 |
| | | SessionID: <<"
pa.sip-t->37353034-6466-6465-6435-393438653263">> |
| tmip.12 | - | - | - | No
calls |
-----
-----
```

# check

```
. OPTIONS.
.
:
domain/<DOMAIN>/trunk/sip/check
:
check <GROUP> [<TRUNK_INTERFACE>] [timerF = <TIMEOUT>]
:
<GROUP> - . "*" ;
<TRUNK_INTERFACE> - . "*" .
( ), "timeout".
```

 OPTIONS, 405, , .  
(set options\_control 0).

```
<TIMEOUT> - - , , . . - - 0.
:
```

```

admin@[mycelium1@ecss1]:/$ domain/biysk.local/trunk/sip/check sbc.gr *
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Process to <<"nsk_sbc">> check is started: {<0.8398.0>,<0.8398.0>}
...
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Try to send OPTIONS to <<"nsk_sbc">> (timerF = 5000)
...
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Process to <<"to_aster">> check is started: {<0.8403.0>,<0.8403.0>}
...
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Try to send OPTIONS to <<"to_aster">> (timerF = 5000)
...
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Process to <<"to_sipp">> check is started: {<0.8406.0>,<0.8406.0>}
...
Executed on the sip1@ecss1
Intermediate (incomplete) result:
Try to send OPTIONS to <<"to_sipp">> (timerF = 5000)
...
Executed on the sip1@ecss1

```

Group	Trunk	Accessible	Check info
sbc.gr	nsk_sbc	false	Response timeout is expired request by node: sip1@ecss1
sbc.gr	to_aster	true	OPTIONS to <sip:192.168.2.6>: 200 OK, cseq: 875453 OPTIONS request by node: sip1@ecss1
sbc.gr	to_sipp	true	OPTIONS to <sip:192.168.2.6>: 200 OK, cseq: 897499 OPTIONS request by node: sip1@ecss1

```

NOTE: 'timeout' as result means no answer from remote side.
That may be caused by:
1. remote side is really unaccessible (host isn't alive or IP:Port is wrong set)
2. remote side doesn't support of OPTIONS request and doesn't send any response

[exec at: 28.09.2018 11:42:57, exec time: 5s 57ms, nodes: sip1@ecss1]

```

## clean

```

.
:
domain/<DOMAIN>/trunk/sip/clean
:
clean GROUP|--profile TRUNK_INTERFACE|PROFILE_NAME PARAMETER [--force]
:
<GROUP>- ;
<TRUNK_INTERFACE>- *;
<PROFILE_NAME>- ;
<PARAMETER>- , ;
--force - .

```



```

• ;
• .

```

:

```
admin@[mycelium1@ecss1]:/$ domain/biysk.local/trunk/sip/clean --profile ISUP.TELCORDIA
isup_standard
Executed on the sip1@ecss1
isup_standard is set to default value: telcordia

[exec at: 28.09.2018 09:59:51, exec time: 19ms, nodes: sip1@ecss1]

admin@[mycelium1@ecss1]:/$ domain/biysk.local/trunk/sip/clean ssw.gr bsk2 req100rel --force
clean to 1 interfaces ...
[*****] 3ms
Executed on the sip1@ecss1
complete

[exec at: 28.09.2018 10:00:38, exec time: 18ms, nodes: sip1@ecss1]
```

## declare

SIP.

```
.
.
( , "trunk already exists") IP::_( , , ).
OPTIONS(. check).
```

:

domain/<DOMAIN>/trunk/sip/declare

:

declare <ROUTING\_CONTEXT> <GROUP> <TRUNK\_INTERFACE> <IP\_SET>[--registration | <DEST\_HOST> <DEST\_PORT> <MODE>  
<LISTEN\_PORT>]

:

```
<ROUTING_CONTEXT> - ;
<GROUP> - ( );
<TRUNK_INTERFACE> - , . , , ;
<IP_SET> - IP-;
--registration - ( );
```



<TRUNK\_INTERFACE>@<GROUP>.  
<DEST\_HOST>, <DEST\_PORT>, <MODE>, <LISTEN\_PORT> .  
sip-proxy, ISUP .

```
<DEST_HOST> - , (IP- );
<DEST_PORT> - , ;
<MODE> - ISUP:
```

- sip-proxy - SIP (RFC 3261);
- sip-t - SIP ISUP SIP-T (RFC 3372);
- sip-i - SIP ISUP SIP-I (Q.1912-5).



sip-t, sip-i / ISUP .  
.

```
<LISTEN_PORT> - . . .
, IP- .
"default" , , .
```

:

```

./trunk/sip/declare ctx_sipt_tmip_ext sipt_directions TMIP.Public 192.168.138.71 5060 sip-t default
Executed on the pa_sip@alex
Intermediate (incomplete) result:
{{declared,["d.408",ctx_sipt_tmip_ext,"sipt_directions",<<"TMIP.Public">>,
    "192.168.138.71",5060,sipt]},
 {<<"TMIP.Public">>,{real_uri_to_check,{sipt,far,"192.168.138.71",5060}}}}
...
Executed on the pa_sip@alex
"is accessible"          -
timeout                  -

```

## info

() . SIP.

:

domain/<DOMAIN>/trunk/sip/info

:

info <GROUP> [<TRUNK\_INTERFACE>] [--profile <PROFILE>]

:

```

<GROUP> - , "" ;
<TRUNK_INTERFACE> - , "" .
    ( "" ) .
--profile - ;
<PROFILE> - , "" .

```

:

:

```

admin@[mycelium1@ecss1]:/$ domain/biysk.local/trunk/sip/info
Executed on the sip1@ecss1

Group                Parameters

sbc.gr               my_from = biysk.local
                    routing context = undefined

smg.gr               my_from = biysk.local
                    routing context = undefined

ssw.gr               my_from = biysk.local
                    routing context = undefined

[exec at: 28.09.2018 11:38:24, exec time: 24ms, nodes: sip1@ecss1]

```

:

```
admin@[mycelium1@ecss1]:/$ domain/biysk.local/trunk/sip/info --profile
Executed on the sip1@ecss1
```

Profile	Parameters
ISUP.ETSI	network-node-id = 0 network-id = 0 use-global-callref = true country-code = 250
ISUP.RUS	isup_r_ccl_send = true

```
[exec at: 28.09.2018 11:38:30, exec time: 16ms, nodes: sip1@ecss1]
```

## remove

```
, .
```

```
:
```

```
domain/<DOMAIN>/trunk/sip/remove
```

```
:
```

```
remove <GROUP> <TRUNK_INTERFACE>|--profile <PROFILE> [--force]
```

```
:
```

```
<GROUP>- ;
<TRUNK_INTERFACE>- , . "" .
--profile - ;
<PROFILE>- , "" .
--force -, / .
```



--force , :

```
[remove] This command removes trunks interfaces. Undo will be impossible.
Continue: yes/no ?>
```

"yes", / . "no", / .

```
:
```

```
:
```

```
./trunk/sip/remove sip_test.direction Proxy.169-0
Executed on the pa_sip@alex
[{removed,"Proxy.169-0"}]
```

```
:
```

```

./trunk/sip/remove sip_test.direction *
[remove] This command removes trunks interfaces. Undo will be impossible.
Continue: yes/no ?> yes
Executed on the pa_sip@alex
Intermediate (incomplete) result:
Group sip_test.direction has been removed (all interfaces in this group was removed)
...
Executed on the pa_sip@alex
[{"removed","Proxy.169-1"},
 {"removed","Proxy.169-2"},
 {"removed","Proxy.169-3"},
 {"removed","Proxy.169-4"},
 {"removed","Proxy.169-5"}]

```

```

elena@[dsl@ecss1]:/$ domain/test.domain/trunk/sip/remove --profile ISUP.ANSI
[remove] This command removes of profile ISUP.ANSI. Undo will be impossible.
Continue: yes/no ?> yes

```

## set

```

.
:
domain/<DOMAIN>/trunk/sip/set
:
set <GROUP> <TRUNK_INTERFACE> <PARAMETER> <VALUE> | --profile <PROFILE>
:
<GROUP>- . "" ;
<TRUNK_INTERFACE>- . "" ;
<PARAMETER>- , 5 ECSS-10, . SIP.
<VALUE>- .
--profile - / ;
<PROFILE>- .
:
:

```

```

./trunk/sip/set smg.test SMG.2 host 192.168.23.168
Executed on the pa_sip@alex

Error:
Direction TAU72 with 192.168.23.168:5060 (listen on 5060) is exists already.

```

```

:

./trunk/sip/set smg.test SMG.2 host 192.168.23.163
Executed on the pa_sip@alex
Intermediate (incomplete) result:
{{ok,{sipproxy,sub,"192.168.23.163",5060}},
 {"OPTIONS is send in order to trunks accesibility check.",
  {<<"SMG.2">>,{real_uri_to_check,{sipproxy,sub,"192.168.23.163",5060}}}},
  "wait response now ..."}}
...
Executed on the pa_sip@alex
is accessible

```



```
elena@[dsl@ecss1]:/$ domain/test.domain/trunk/sip/set --profile test user_name test
Executed on the sip1@ecss1
```

## unlock

```

:
```

```
:
```

```
domain/<DOMAIN>/trunk/sip/unblock
```

```
:
```

```
unlock <GROUP> <TRUNK_INTERFACE>[--force]
```

```
:
```

```
<GROUP> - , / ;
<TRUNK_INTERFACE> - , "*" ;
[--force] - , / .
```



--force , :

```
[unlock] Trunk eltex will be unblocked
Continue: yes/no ?>
```

"yes", / . "no", / .

```
:
```

```
./trunk/sip/unblock sip_directions * --force
Executed on the pa_sip@alex
```

```
-----
|      Trunk      | Unblock |
|-----+-----|
| ECSS3           | ok      |
| SBC.ELTEX.LOC   | ok      |
|-----|
```