

/domain/<DOMAIN>/cfc

CFC (Call Forwarding by Cause).
CFC - CFC (ISUP ACP cause) , .

/cluster/core/<CORE>/cfc/
domain/<DOMAIN>/cfc/ .

 <CORE> - CORE;
<DOMAIN> - .

clean

"ause" CFC:

apty_abandon	
apty_disc	
authorisation_failure	system://sounds/ai_wrong_number.wav
bpty_busy_ndub	
bpty_busy_udub	
bpty_disc	
bpty_no_answer	system://sounds/ai_no_answer.wav
called_party_rejected	
collect_information_failure	system://sounds/ai_wrong_number.wav
conversation_timeout	
destination_out_of_order	system://sounds/ai_error.wav
do_not_disturb	
enable	true
external_acp_causes	
external_isup_causes	1 -> system://sounds/ai_number_absent.wav 2 -> system://sounds/ai_wrong_number.wav 3 -> system://sounds/ai_wrong_number.wav 18 -> system://sounds/ai_no_answer.wav 19 -> system://sounds/ai_no_answer.wav 20 -> system://sounds/ai_notconnected.wav 21 -> system://sounds/ai_notaccess.wav 22 -> system://sounds/ai_number_not_ready.wav 27 -> system://sounds/ai_out_of_order.wav 28 -> system://sounds/ai_invalidnumber.wav 34 -> system://sounds/ai_overload.wav 38 -> system://sounds/ai_error.wav 41 -> system://sounds/ai_error.wav 42 -> system://sounds/ai_system_problem.wav 102 -> system://sounds/ai_timeout.wav
foreground	false
invalid_collected_information	system://sounds/ai_wrong_number.wav
invalid_number	system://sounds/ai_invalidnumber.wav
no_circuit_available	system://sounds/ai_badroute.wav
normal	
not_reachable	system://sounds/ai_not_reachable.wav
number_incomplete	system://sounds/ai_invalidnumber.wav

o_no_answer	system://sounds/ai_no_answer.wav
origination_denied	system://sounds/ai_notaccess.wav
route_failure1	
route_failure2	
route_select_failure	system://sounds/ai_out_of_order.wav
ss7_failure	system://sounds/ai_system_problem.wav
system_failure	system://sounds/ai_system_problem.wav
t_exception	system://sounds/ai_system_problem.wav
termination_denied	system://sounds/ai_tempdenied.wav
unassigned_number	system://sounds/ai_notconnected.wav

(ause) 5 ECSS-10, . . .

:

/domain/<DOMAIN>/cfc/clean

:

- :
clean [<DOMAIN> [<FIELD>]]
- :
clean [<FIELD>]

:

<FIELD> - (cause). , "ause".

:

```
admin@[core1@ecss1]:/$ domain/d.local/cfc/clean
[clean] You are going to clean all customized properties in the domain "d.local".
Are you sure?: yes/no ?> y
```

info

"ause" CFC.

:

/domain/<DOMAIN>/cfc/info

:

info [<FIELD>]

:

<Field> - , : apty_abandon; apty_disc; authorisation_failure; bpty_busy_ndub; bpty_busy_udub; bpty_disc; bpty_no_answer; called_party_rejected; collect_information_failure; conversation_timeout; destination_out_of_order; do_not_disturb; enable; external_acp_causes; external_isup_causes; foreground; invalid_collected_information; invalid_number; no_circuit_available; normal; not_reachable; number_incomplete; o_no_answer; origination_denied; route_failure1; route_failure2; route_select_failure; ss7_failure; system_failure; t_exception; termination_denied; unassigned_number.

:

```
admin@[core1@ecss1]:/$ cluster/core/core1/cfc/info
```

Property	Domain	Value
apty_abandon		
apty_disc		
authorisation_failure	system://sounds/ai_wrong_number.wav	
bpty_busy_ndub		
bpty_busy_udub		
bpty_disc		
bpty_no_answer	system://sounds/ai_no_answer.wav	
called_party_rejected		
collect_information_failure	system://sounds/ai_wrong_number.wav	
conversation_timeout		
destination_out_of_order	system://sounds/ai_error.wav	
do_not_disturb		
enable	true	
external_acp_causes		
external_isup_causes	1 -> system://sounds/ai_number_absent.wav 2 -> system://sounds/ai_wrong_number.wav 3 -> system://sounds/ai_wrong_number.wav 18 -> system://sounds/ai_no_answer.wav 19 -> system://sounds/ai_no_answer.wav 20 -> system://sounds/ai_notconnected.wav 21 -> system://sounds/ai_notaccess.wav 22 -> system://sounds/ai_number_not_ready.wav 27 -> system://sounds/ai_out_of_order.wav 28 -> system://sounds/ai_invalidnumber.wav 34 -> system://sounds/ai_overload.wav 38 -> system://sounds/ai_error.wav 41 -> system://sounds/ai_error.wav 42 -> system://sounds/ai_system_problem.wav 102 -> system://sounds/ai_timeout.wav	
foreground	false	
invalid_collected_information	system://sounds/ai_wrong_number.wav	
invalid_number	system://sounds/ai_invalidnumber.wav	
no_circuit_available	system://sounds/ai_badroute.wav	
normal		
not_reachable	system://sounds/ai_not_reachable.wav	
number_incomplete	system://sounds/ai_invalidnumber.wav	
o_no_answer	system://sounds/ai_no_answer.wav	
origination_denied	system://sounds/ai_notaccess.wav	
route_failure1		
route_failure2		
route_select_failure	system://sounds/ai_out_of_order.wav	
ss7_failure	system://sounds/ai_system_problem.wav	
system_failure	system://sounds/ai_system_problem.wav	
t_exception	system://sounds/ai_system_problem.wav	
termination_denied	system://sounds/ai_tempdenied.wav	
unassigned_number	system://sounds/ai_notconnected.wav	

```
[exec at: 26.04.2017 07:29:50, exec time: 12ms, nodes: core1@ecss1]
```

set

```
.  
:  
  
/domain/<DOMAIN>/cfc/set  
:  
.  
  • :  
    set <DOMAIN> <FIELD> <VALUE>
```

- :
set <FIELD> <VALUE>

:

<FIELD> - , . 5 ECSS-10, . .

<VALUE> -

:

- disable - ;
- system <FILE> - <FILE>;
- tone tone <FREQUENCY1> <FREQUENCY2> <TONE_ON> <TONE_OFF> <DURATION>;
 <FREQUENCY> - (). , 0;
 <TONE_ON> - (ms);
 <TONE_OFF> - () (ms);
 <DURATION> - (duration = -1 -).

:

1. enable - CFC-

:

- true - CFC-;
- false - CFC-.

2. external_acp_causes external_isup_causes - ACP ISUP Cause

:

- add < ACP Cause> < > disable | system | tone - ACP Cause;
- remove <ACP Cause> - <ACP Cause>.

3. foreground -

:

- true - ;
- false - .



[] "call".

:

```
% apty_abandon:
admin@[core1@ecss1]:/$ domain/testdomain/cfc/set apty_abandon system sounds/ai_busy.wav

% ISUP Cause:
admin@[core1@ecss1]:/$ domain/testdomain/cfc/set external_isup_causes add 16 tone 200 400 2 2 -1

% ISUP Cause:
admin@[core1@ecss1]:/$ domain/testdomain/cfc/set external_isup_causes remove 16
```

Access-Reject Reply-Message, :

- ecss-routing-cause-isup=<INT>
- ecss-routing-cause-acp=<String>

:

freeradius(etc/freeradius/users):

```
1010 Auth-Type := Reject
Reply-Message = "ecss-routing-cause-acp=systemFailure"

1111 Auth-Type := Reject
Reply-Message = "ecss-routing-cause-isup=30"
```

acp_cause:

```
domain/test.ats/cfc/set system_failure system sounds/ai_notaccess.wav
```

isup_cause:

```
domain/d.local/cfc/set external_isup_causes add 30 system sounds/nopay_reject.wav
```