/cluster/storage/<STORAGE>/ss

.

.

- access-list
- activate
- deactivate
- enabled
- info
- install
- show
- uninstall
- update

, , CoCon :

- **/cluster/storage/<CLUSTER>/ss** - / , / , , , ;
- /domain/<DOMAIN>/ss - / , .

– , .
- , , .
- ;
<CLUSTER> - (DS, Storage), ;
<NODE> - DS, ;
<DOMAIN> - (), .

1 . 1 ECSS-10, 4 .

1 -

3way	-
acb	( )
alarm	
assistant	-
auto_redial	
auto_redial_with_callback	
blf	
callback	
call_recording	
cc_agent	call-
cfb	
cfnr	
cfnr_type2	, 2
cfos	
cfsip	(302)
cft	
cfu	
cfu_type2	, 2
cgg	
chold	
chunt	

click_to_call	
clip	
clir	
cnip	
cliro	
conference_call	-
ctr	
cw	
direct_call	, , H.248/Megaco
distinctive_ring	
dnd	, ,
fax_receiver	
fax_to_email	Fax to email
find_me	
find_me_no_response	
follow_me	,
follow_me_no_response	
interevention	
mcid	
meet_me_conference	- meet me
mgm	
ml	multiline
my_number	,
call_park	
presence	
pickup	
rbp	
redial	
remote_phone	
rfc	
ring_back_tone	
sca	
sco_black	
sco_white	
scr	
speed_dial	
teleconference_manager	
tsmn_request	
vip_call	(VIP)
voice_mail	
voice_page_control	

voice_page	
zone_page	
qsig_cfb	QSIG:
qsig_cfnr	QSIG:
qsig_cfu	QSIG:

access-list

, , , .

- access-list show - , ;
- access-list add - ;
- access-list clear -
- access-list remove - .

:

/cluster/storage/<CLUSTER>/ss/access-list

:

access-list show [<DOMAIN>]
access-list add <DOMAIN> <SsFamily> [, <SsFamily>]
access-list clear <DOMAIN>
access-list remove <DOMAIN> <SsFamily> [, <SsFamily>]

:

<DOMAIN> - ();
<SsFamily> - () . ",". "*".

:

"p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/access-list add p.city *
Supplementary services successfully added in the domain p.city.
```

"p.city": , , .

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/access-list add p.city MGM, CFNR, CHUNT
Supplementary services successfully added in the domain p.city.
```

, .

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/access-list show
------------------------------------------------------------
|     Domain     |          Supplementary services          |
|----------------+------------------------------------------|
|p.city          |CFB, CFNR, CFU, CGG, CHUNT, CLIR, DND, MGM|
|d.city          |CLIP, CGG, CHUNT                          |
------------------------------------------------------------
```

, "p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/access-list show p.city
-------------------------------------------------
|Domain|          Supplementary services          |
|------+------------------------------------------|
|p.city|CFB, CFNR, CFU, CGG, CHUNT, CLIR, DND, MGM|
-------------------------------------------------
```

"p.city": , .

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/access-list remove p.city MGM, CFNR
Supplementary services successfully removed from the domain p.city.
```

activate

. . , .

⚠ , " " .

, , , ( ) .

:

/cluster/storage/<CLUSTER>/ss/activate/

:

activate <DOMAIN> <ADDRESS> <SSName> <ARGS>

:

<DOMAIN> - (), ;
<ADDRESS> - (), "*". ab {c-d}, abc, abd;
<SSNAME> - ;
<ARGS> - , "number = " "numbers = [1,2,...]".

:

"p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/activate p.city * clir
Supplementary service clir successfully activated to domain "p.city", address "*".
```

" " "799" "711", "712" "p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/activate p.city 799 cgg numbers = [711, 712]
Supplementary service cgg successfully activated to domain "p.city", address "799".
```

10 "711" "712".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/activate p.city 711 cfnr number = 712, timeout = 10
Supplementary service cfnr successfully activated to domain "p.city", address "711".
```

deactivate

.
, .

⚠ , , ( ).

:

/cluster/storage/<CLUSTER>/ss/deactivate

:

deactivate <DOMAIN> <ADDRESS> <SSNAME>

:

<DOMAIN> - (), ;
<ADDRESS> - (). "*". ab {c-d}, abc, abd;
<SSNAME> - , .

:

 "cgg" "p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/deactivate p.city * cgg
Supplementary service successfully deactivated.
```

 "cfnr" "711" "p.city".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/deactivate p.city 711 cfnr
Supplementary service successfully deactivated.
```

enabled

 .

:

/cluster/storage/<CLUSTER>/ss/enabled

:

enabled <DOMAIN> <ADDRESS>

:

<DOMAIN> - ;
<ADDRESS> - (). . , . ab {c-d}, abc, abd.

:

 test.domain:

```
admin@[mycelium1@ecss1]:/$ domain/test.domain/ss/enabled
--------T-------¬
¦Address¦Enabled¦
+-------+-------+
¦103    ¦clir   ¦
¦104    ¦clir   ¦
¦105    ¦clir   ¦
L-------+--------
```

info

 . , , , / . . , " " "all". , , " " "*".

:

/cluster/storage/<CLUSTER>/ss/info

:

info <DOMAIN> [-extended] [<ADDRESS>]

:

<DOMAIN> - ;

⚠ , "domain/<DOMAIN>/ss/", <DOMAIN> .

<ADDRESS> - (), . ab {c-d}, abc, abd;
-extended - , .

:

, "test.domain".

```
admin@[core1@ecss1]:/$ cluster/storage/ds1/ss/info test.domain -extended
-------------------------------------------------------------------------------------------------------------------
-----------------------------------
|G|  Domain   |Address|     Name     |  Family  |V|E|L|                  MSD                  |     SSD
|                CSD                |
|-+-----------+-------+--------------+----------+-+-+-+---------------------------------------+--------------
+-----------------------------------|
| |test.domain|*      |chold         |CHOLD     |3|T|T|                                       |sip_moh =
true|                                  |
| |test.domain|*      |ctr           |CTR       |2|T|T|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|*      |mgm           |MGM       |1|T|F|                                       |
|                                    |
| |test.domain|210    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|210    |ctr           |CTR       |2|T|F|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|211    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|211    |ctr           |CTR       |2|T|F|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|212    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|212    |ctr           |CTR       |2|T|F|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|700    |call_recording|CallRecord|3|T|F|enumMode = "incoming|outgoing|both|none"|locked = true
|mode = both                         |
| |test.domain|700    |pickup        |PICKUP    |1|T|F|                                       |
|pickup_groups = [{"room1",undefined}]|
|*|test.domain|700    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|701    |call_recording|CallRecord|3|T|F|enumMode = "incoming|outgoing|both|none"|locked = true
|mode = both                         |
| |test.domain|701    |pickup        |PICKUP    |1|T|F|                                       |
|pickup_groups = [{"room1",undefined}]|
|*|test.domain|701    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|702    |pickup        |PICKUP    |1|T|F|                                       |
|pickup_groups = [{"room1",undefined}]|
|*|test.domain|702    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
|*|test.domain|702    |ctr           |CTR       |2|T|F|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|703    |chold         |CHOLD     |3|T|F|                                       |sip_moh =
true|                                  |
| |test.domain|703    |ctr           |CTR       |2|T|F|dependency_list = ['CHOLD']            |
|                                    |
| |test.domain|790    |cfu           |CFU       |4|T|F|conflict_list = ["CTU","CGG","FollowMe"]|
|number = "500"                      |
| |test.domain|791    |cfu           |CFU       |4|T|F|conflict_list = ["CTU","CGG","FollowMe"]|
|number = "501"                      |
| |test.domain|792    |cfu           |CFU       |4|T|F|conflict_list = ["CTU","CGG","FollowMe"]|
|number = "502"                      |
| |test.domain|799    |cgg           |CGG       |2|T|F|                                       |
|numbers = ["790","791","792"]       |
-------------------------------------------------------------------------------------------------------------------
-----------------------------------
Legend:
  G - supplementary service activated on domain;
  V - version of the supplementary service;
  E - enable state of selected supplementary service to current domain, address
  L - lock state of selected supplementary service to current domain, address

[exec at: 02.07.2015 10:34:08, exec time: 34ms, nodes: ds1@ecss2]
```

, "705" "test.domain".

```
admin@[core1@ecss1]:/$ cluster/storage/ds1/ss/info test.domain 705
-----------------------------------------------
|G|  Domain   |Address|Name |Family|V|E|L|CSD|
|-+-----------+-------+-----+------+-+-+-+---|
| |test.domain|*      |chold|CHOLD |3|T|T|   |
| |test.domain|*      |ctr  |CTR   |2|T|T|   |
| |test.domain|*      |mgm  |MGM   |1|T|F|   |
-----------------------------------------------
Legend:
  G - supplementary service activated on domain;
  V - version of the supplementary service;
  E - enable state of selected supplementary service to current domain, address
  L - lock state of selected supplementary service to current domain, address

[exec at: 02.07.2015 10:34:35, exec time: 27ms, nodes: ds1@ecss1]
```

install

. XML-, , . , , ECSS-10/ .

- */var/lib/ecss/ss/* , DS.

:

/cluster/storage/<CLUSTER>/ss/install

:

install <NODE> <SSTemplate>

:

<NODE> - DS;<SSTemplate> - XML - . - . , , . :

- * - ,
- ? - .

:

.

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds1/ss/install ds1@ecss1 ss_clir.xml
Successfully installed: /var/lib/ecss/ss/ss_clir.xml
```

, - "ss_".

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds1/ss/install ss_*.xml
```

show

, .
() .

:

/cluster/storage/<CLUSTER>/ss/show

:

show [<SSNames> | *]

:

<SSName> - :

- csd - , ;
- description - ;
- family - ;
- name - ;
- ssd - , . , ;
- msd - , ;
- version - .

",". "*".

:

, .

```
admin@[ds1@ecss1]:/$ cluster/storage/ds1/ss/show name, family, description

          name                family                        description

3way                      3WAY            3-Way Conference
acb                       ACB             SS Anonymouse Call Block
alarm                     Alarm           Alarm Call Service
auto_redial               AutoRedial      Auto redial
auto_redial_with_callback AutoRedialWithCBAuto redial with callback
call_recording            CallRecord      Call recording
callback                  CallBack        CallBack
cfb                       CFB             Call Forwarding Busy
cfnr                      CFNR            Call Forwarding No Reply
cfnr_type2                CFNR_Type2      Call Forwarding No Reply without notification
cfos                      CFOS            Call Forwarding Out of Service
cft                       CFT             Call Forwarding Unconditional Time Dependent
cfu                       CFU             Call Forwarding Unconditional
cfu_type2                 CFU_Type2       Call Forwarding Unconditional without notification
cgg                       CGG             Calling Group
chold                     CHOLD           Call hold
chunt                     CHUNT           Call hunt groups
clip                      CLIP            Calling Line Identification Presentation
clir                      CLIR            Calling Line Identification Restriction
conference                Conference      Multiparty conference service
ctr                       CTR             Call Transfer
cw                        CW              Call Waiting
direct_call               DirectCall      Fixed Destination Call
dnd                       DND             Denied
follow_me                 FollowMe        Follow me
follow_me_no_response     FollowMeNR      Follow me no response
mcid                      MCID            Malicious Call Identification
my_number                 MyNumber        Get number of my phone.
park                      Park            Call park/unpark service
pickup                    PICKUP          SS Call pick-up
rbp                       RBP             SS for restricting call-processes by NI and PIN
redial                    Redial          Last number redial
rfc                       RFC             Rejection of Forwarded Calls
sca                       SCA             Selective Call Acceptance by incomming call
sco_black                 SCO_black       Selective Call Rejection by outcomming call
sco_white                 SCO_white       Selective Call Acceptance by outcomming call
scr                       SCR             Selective Call Rejection by incomming call
speed_dial                SpeedDial       Speed dial (Abbreviated dialing)
teleconference_manager    Teleconference  Teleconference manager

Installed supplementary services: 39
```

uninstall

. , .

.

:

/cluster/storage/<CLUSTER>/ss/uninstall

:

uninstall <SSNames>

:

<SSNames> - , . "*". ",".

:

"-"," " .

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/uninstall 3way,chold
Supplementary service 3way successfully uninstalled.
Supplementary service chold successfully uninstalled.
```

, .

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds3/ss/uninstall *
Supplementary service white_list_in successfully uninstalled.
Supplementary service black_list_in successfully uninstalled.
Supplementary service mgm successfully uninstalled.
Supplementary service alarm successfully uninstalled.
Supplementary service chunt_manual successfully uninstalled.
Supplementary service chunt_serial successfully uninstalled.
Supplementary service speed_dial successfully uninstalled.
Supplementary service direct_call successfully uninstalled.
Supplementary service redial successfully uninstalled.
Supplementary service auto_redial successfully uninstalled.
Supplementary service auto_redial_with_callback successfully uninstalled.
Supplementary service callback successfully uninstalled.
Supplementary service 3way successfully uninstalled.
Supplementary service cgg successfully uninstalled.
Supplementary service cw successfully uninstalled.
Supplementary service cfu successfully uninstalled.
Supplementary service chunt_cycle successfully uninstalled.
Supplementary service follow_me successfully uninstalled.
Supplementary service mcid successfully uninstalled.
Supplementary service cft successfully uninstalled.
Supplementary service white_list_out successfully uninstalled.
Supplementary service dnd successfully uninstalled.
Supplementary service chold successfully uninstalled.
Supplementary service black_list_out successfully uninstalled.
Supplementary service rfc successfully uninstalled.
Supplementary service cfos successfully uninstalled.
Supplementary service cfb successfully uninstalled.
Supplementary service ctr successfully uninstalled.
Supplementary service acb successfully uninstalled.
Supplementary service cfnr successfully uninstalled.
Supplementary service cfu_type2 successfully uninstalled.
Supplementary service my_number successfully uninstalled.
Supplementary service clir successfully uninstalled.
Supplementary service pickup successfully uninstalled.
Supplementary service chunt_group successfully uninstalled.
Supplementary service rbp successfully uninstalled.
Supplementary service clip successfully uninstalled.
```

update

, , , XML-.
XML-, , (XML-).
XML , XML, , . - . XML , - . wizzard- , .

:

1. . , XML-;

2. . , , ;
3. . , .

⚠ - .

- */var/lib/ecss/ss/* , DS.

:

/cluster/storage/<CLUSTER>/ss/update

:

update <NODE> -<Flag> <SSTemplate>

:

<NODE> - DS;<Flag> - , :

- -a, --auto - , XML ( );
- -m, --manual - , XML ( ). ;
  <SSTemplate> - XML - .
  - . , , . :
- * - ,
- ? - .

:

"test" 1 2.

```
admin@[mycelium1@ecss1]:/$ /cluster/storage/ds/ss/update ds3@ecss3 --manual ss_test_2.xml
[update] The value of the property restrict_number_22 may be copied from one of the prope
         rty:
         test_field, restrict_number
Would you like to copy properties' value?: yes/no ?> yes
[update] Select property to copy it's value to the restrict_number_22.
         Avaliable values: test_field, restrict_number
Property name: : test_field/restrict_number ?> test_field
[update] New property test_field_2 have default value 9.
Would you like to apply this value for all activate aliases?: yes/no ?> yes
[update]
Would you like to enter default value search_strategy :: enum for already activated aliases?: yes/no ?> yes
[update]
Default value for search_strategy: first
[update]
Would you like to enter default value test_field_without_value :: [integer] for already activated aliases?: yes
/no ?> yes
[update]
Default value for test_field_without_value: 234
[update]
Default value for test_field_without_value: [234]
Successfully updated: /var/lib/ecss/ss/ss_test_2.xml
```