

# /cluster/storage/<STORAGE>/ss


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, , 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 cfmr number = 712, timeout = 10
Supplementary service cfmr 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/dsl/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		
	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		
	test.domain 701		chold	CHOLD	3 T F		sip_moh =
true							
	test.domain 702		pickup	PICKUP	1 T F		
	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: dsl@ecss2]

, "705" "test.domain".

```
admin@[core1@ecss1]:/$ cluster/storage/dsl/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: dsl@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/dsl/ss/install dsl@ecss1 ss_clir.xml  
Successfully installed: /var/lib/ecss/ss/ss_clir.xml
```

, - "ss\_".

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

## show

' .  
( ) .

:

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

:

`show [<SSNames> | *]`

:

`<SSName> - :`



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

" " " " "

:

```
admin@[dsl@ecss1]:/$ cluster/storage/dsl/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	AutoRedialWithCB	Auto 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,chohd  
Supplementary service 3way successfully uninstalled.  
Supplementary service chohd 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 chohd 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 , - . wizard- , .
```

```
:
```

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
```