

- CoCon
- Coon Web-, "new application". ?
- backup MySQL?
- backup LDAP?
- ECSS-10 Cocon?
- , ?
- ?
- Linux (shell), ?
- ?
- ECSS-10?
- Web- "Interface list" (" ") .
- , ?
- SIP-
- SIP-
- 
- ?
- SIP- source port?
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- ECSS-10 SIP-
- SIP-
- OPTIONS SIP-
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- CDR?
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- IVR?
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- log- () ?
- mysql?

## CoCon

ECSS-10 (), .

## Coon Web-, "new application". ?

Web- web-. , , Google Chrome.

## backup MySQL?

backup MySQL , MySQL. , . (). backup.

backup MySQL. . backup, .

:

1. . "mysqldump" --flush-logs, , , .mysqldump --verbose --single-transaction --quote-names --complete-insert --extended-insert --routines --events --triggers -uLOGIN -PPORT -hHOST -pPASS --flush-logs DBNAME > dump.sql  
Backup, .
2. Backup Backup. ( /var/lib/mysql) Backup , , . .

backup :

1. backup.
2. . :mysqlbinlog binlog\_files | mysql -uLOGIN -pPASS.

## backup LDAP?

backup LDAP , . (). backup.

backup , LDAP-  
LDAP- backup , .

backup LDAP- :

```
#!/bin/sh
LDAPBK=ldap-$( date +%y%m%d-%H%M ).ldif
BACKUPDIR=/home/backups
/usr/sbin/slapcat -v -b "dc=yourDC,dc=local" -l $BACKUPDIR/$LDAPBK
gzip -9 $BACKUPDIR/$LDAPBK
```

dc=yourDC,dc=local .  
backup .

backup:

1. slapd:

```
/etc/init.d/slapd stop
```

2. (, rm):

```
cd /var/lib/ldap
rm -rf *
```

3. LDIF-:

```
/usr/sbin/slapadd -l backup.ldif
```

4. slapd:

```
/etc/init.d/slapd start
```

## ECSS-10 Cocon?

CoCon, :  
node/<NODE>/<ACT>

- <NODE> - ;
- <ACT> - , :
  - shutdown - ;
  - restart - .

, ?

CoCon, :  
node/check-services

:

```
support@[mycelium1@ecss1]:/$ node/check-services
Nodes:
core1@ecss1      ds1@ecss1      md1@ecss1      mycelium1@ecss1 restfs1@ecss1
sipl@ecss1

All services are started
```

?

CoCon, :

node/<NODE>/info releases

- <NODE> - .

## Linux (shell) , ?

Linux (shell), :

sudo systemctl status ecss.service

?

CoCon, :

domain/declare <DOMAIN>

- <DOMAIN> - .

## ECSS-10?

CoCon, :

cocon/add-user <NAME\_USER>

- <NAME\_USER> - .

## Web- "Interface list" (" ") .

, . SIP- "Subscriber card" (" "), SIP- "Trunk manager" (" ").

, . ?

:

1. /var/lib/ecss/regime/test.domain/ , , "regime\_list", test.domain - ;
2. "regime\_list" , :

- \_\_x
- \_\_ .

```
100 regime1
101 regime0
102 regime1
103 regime0
104 regime1
```



Regime1 Regime0 - .

CoCon:

```
domain/test.domain/alias/import-regime dsl@ecss1 regime_list
```

# SIP-

:

- tcp-dump , , , , ECSS-10 ( , , );
- , REGISTER 401, 407.

# SIP-

CoCon, :

```
domain/test.domain/sip/user/stop_registration sip_ab_gr 113@test.domain
```

:

- *test.domain* - , ( );
- *sjp\_ab\_gr* - ;
- *113@test.domain* - .

:

- ;
- ;
- , .

?

1. , fail2ban.
2. iptables, .
3. .
4. SIP.
5. SBC ().

# SIP- source port?

CoCon, :

```
domain/xxx.domain/sip/trunk declare context1 test_gr test_trunk 192.168.18.136 5060 sip-proxy 5061
```

:

```
domain/xxx.domain/sip/trunk declare context_local trunk_gr sip_trunk x.x.x.x _xxx_ sip-proxy _yyy_
```

:

- *domain\_local* - , ;
- *trunk\_gr* - , ;
- *sjp\_trunk* - ( directions);
- *x.x.x.x* - IP-;
- *xxx* - destination ;
- *sjp-proxy* - ( "sip-t" "sip-i");
- *yyy* - source .

?

```
"options_control", .  
    . "alarm_enable" ( "true").
```

# ECSS-10 SIP-

CoCon, SIP-:

domain/test/sip/network/info

*listen\_interfaces, listen\_ports.*

## SIP-

:

- ping ;
- OPTIONS 200OK;
- OPTIONS, OPTIONS .

## OPTIONS SIP-

CoCon, :

domain/<DOMAIN>/trunk/sip/set <TRUNK\_GROUP> <TRUNK\_NAME> options\_control 0\_-\_disable

- <DOMAIN>- , ;
- <TRUNK\_GROUP>- , ;
- <TRUNK\_NAME>- , .

?

2000 .

:

- ;
- tcp-dump , SDP-;
- ( RTP);
- , ( , sdp-).

## Real-time ?

Accouting RADIUS.

## CDR?

CDR MySQL, . FTP.

?

**/var/lib/ecss/statistics.**

## ECSS-10?

. . .

## IVR?

web- IVR

?

CoCon, :

```
cluster/storage/<NODE>/licence/add <LICENCE>
```

- <CLUSTER>- (DS);
- <LICENCE>- ECSS-10.

## eToken?

CoCon, :

```
cluster/storage/<CLUSTER>/licence/set-passport <PASSPORT>
```

- <PASSPORT>- eToken.

?

CLIP/CLIR/CLIRO.

?

.

log- () ?

/var/log/ecss/

log- , , log-  
log- .log  
( ) .1, .2 ..

.

## mysql?

mysql - . . :

```
sudo systemctl mask apt-daily.timer
```