

/domain/<DOMAIN>/alarms

- - clear
 - delete
 - export
 - generate-alarm
 - list
- - maskadd
 - maskdel
 - masklist
 - maskmod
 - masktrace

5 ECSS-10, .

/cluster/mediator/<MEDIATOR>/alarms/.

domain/<DOMAIN>/alarms/ .



<DOMAIN> - .
<CLUSTER> - MEDIATOR.

clear

/.
:

/domain/<DOMAIN>/alarms/clear

:

- :
clear all | [-l <LOCATION> -c <CLASS> -i <INSTANCE>]

:

all - c ;
-l <LOCATION> - c , <LOCATION>, : node@host;
-c <CLASS> - , <CLASS>, : ClassName::Subclass1::.....::SubclassN;
-d <DOMAIN> - , <DOMAIN>;
-i <INSTANCE> - <INSANCE>.

:

:

```
ecss-root@[pa_sipl@leonidl]:/# domain/kolek.domain/alarms/clear all
You should enter 'y' or 'n'.
Are you sure?: [n]/y ?>
```

, :

```
ecss-root@[pa_sipl@leonidl]:/# domain/kolek.domain/alarms/clear -i pa_megaco
You should enter 'y' or 'n'.
Are you sure?: [n]/y ?>
```

, :

```
ecss-root@[pa_sip1@leonidl]:/# domain/kolek.domain/alarms/clear -l dsl@leonid
You should enter 'y' or 'n'.
Are you sure?: [n]/y ?>
```

, :

```
ecss-root@[pa_sip1@leonidl]:/# domain/kolek.domain/alarms/clear -c hw::interfaces
You should enter 'y' or 'n'.
Are you sure?: [n]/y ?>
```

delete

```
.
:

/domain/<DOMAIN>/alarms/delete

:

delete all|last <N>|before <DATA>

:

all - "all"      ;

last <N> - "last"  <N> ;
<N> - ;
      ,      <N> .

before <DATA> - "before"      ;
<DATA> - , , ,
: YYYY/MM/DD HH:Mi:SS.sss "now" - ;

after <DATA> - "after"      ;
<DATA> - , , ,
: YYYY/MM/DD HH:Mi:SS.sss "now" - .

:

:
```

```
ecss-root@[pa_sip1@leonidl]:/# domain/kolek.domain/alarms/delete all
[delete] Cleared alarms will be deleted
Are you sure?: [n]/y ?>y
```

export

```
/ .

:

/domain/<DOMAIN>/alarms/export

:

export <NODE> [all|cleared] [select <COLUMN>, ... <COLUMN> [order <COLUMN> [asc|desc]]] [limit <N>] [--header] [-delim <DELIM>] [<FILENAME>]

:

<NODE> - ();
[all|cleared] - "all"      ( ), "cleared"      ;
[select <COLUMN>] - "select" , ;

<COLUMN> - , <COLUMN> [, <COLUMN>].

• additionalinformation - ;
• backedupstatus - ;
• backupobject - ;
• cause - ;
```

- class - ;
- cleared - ;
- correlatednotifications - ;
- date - ;
- domain - ;
- duration - ;
- id - ;
- instance - ;
- location - , ;
- message - ;
- monitoredattributes - ;
- notificationidentifier - ;
- origseverity - ;
- problems - ;
- proposedrepairactions - , ;
- severity - ;
- statechangedefinition - ;
- threshold - ;
- trend - ;
- type - ;
- user - , /.

order <COLUMN> - "order" , <COLUMN> - , ;

limit <N> - , <N> - ;
 --header - , ;
 -delim <DELIM> - , , , " , "
 <FILENAME> - .

:

```
ecss-root@[core1@leonid1]:/# domain/111/alarms/export md1@leonid1/var/log/2
```

generate-alarm

.

:

/domain/<DOMAIN>/alarms/generate-alarm

:

generate-alarm <LOCATION> <CLASS> <SEVERITY> <TREND> <TYPE> <CAUSE> <TEXT>

:

<LOCATION> - , : , , ;<CLASS> - ;
 <SEVERITY> - , :

- cleared - ;
- indeterminate - ;
- critical - , ;
- major - , ;
- minor - , ;
- warning - , ;

<TREND> - , :

- moreSevere - ;
- noChange - ;
- lessSevere - ;

<TYPE> - , :

- other - ();
- communicationsAlarm - , ;
- qualityOfServiceAlarm - ;
- processingErrorAlarm - , ;
- equipmentAlarm - , ;
- environmentalAlarm - , ;
- integrityViolation - , ;
- operationalViolation - , ;
- physicalViolation - , (,);
- securityServiceOrMechanismViolation - , (,);
- timeDomainViolation - , .]

<CAUSE> - ;

<TEXT> - .

:

```
/domain/p.city/alarms/generate-alarm 192.168.1.1 my::alarm:class warning noChange qualityOfServiceAlarm other
My test alarm
```

list

<DOMAIN>.

.

:

/domain/<DOMAIN>/alarms/list

:

list [all|cleared] [select <COLUMN>, ... <COLUMN> [order <COLUMN> [asc|desc]]] [limit <N>]

:

[all|cleared] - "all" .
"cleared" .
"all" "cleared" .

select <COLUMN> - "select" , .

<COLUMN> - , , <column> [, <column>].

- additionalinformation - ;
- backedupstatus - ;
- backupobject - ;
- cause - ;
- class - ;
- cleared - ;
- correlatednotifications - ;
- date - ;
- domain - ;
- duration - ;
- id - ;
- instance - ;
- location - , ;
- message - ;
- monitoredattributes - ;
- notificationidentifier - ;
- origseverity - ;
- problems - ;
- proposedrepairactions - , ;
- severity - ;
- statechangedefinition - ;
- threshold - ;
- trend - ;
- type - ;
- user - , /.

order <COLUMN> - "order" , <COLUMN> - , .

limit <N> - <N> . - 25. :

```
/cluster/mediator/<some_mediator_cluster>/properties/rpss/set * defaultAlarmRowLimit 30
```

:

```
ssw@[mycelium@ecss3]:/#> cluster/mediator/md3/alarms/list select class, instance, location, cause order by class
```

```
-----
|          Class          |          Instance          | Location |
Cause                    |-----+-----+-----|
+-----+-----+-----+
|ecss::cluster::core::cp|pa.megaco->62393034-6231-6435-3663-646563386636|core3@ecss3|softwareError|
|ecss::cluster::core::cp|pa.megaco->61333034-6231-6230-3862-663765313262|core1@beam|softwareError|
|ecss::cluster::core::cp|pa.megaco->63623034-6231-6331-6362-656234353732|core3@ecss3|softwareError|
|ecss::cluster::core::cp|pa.megaco->37613034-6231-6261-6531-663861623664|core1@beam|softwareError|
|ecss::cluster::core::cp|pa.megaco->38663034-6231-6231-3362-646562633930|core1@beam|softwareError|
|ecss::cluster::core::cp|pa.megaco->61343034-6231-6332-3033-636432653637|core1@beam|softwareError|
|ecss::cluster::core::cp|pa.megaco->33383034-6231-6166-3363-366336313838|core1@beam|softwareError|
|ecss::cluster::core::cp|pa.megaco->65613034-6231-6264-3439-353133643665|core3@ecss3|softwareError|
|ecss::pa::sip::trunk    |MAX_P                                |sip3@ecss3|communicationsSubsystemFailure|
|ecss::pa::sip::user    |6303@d.local                        |sip3@ecss3|communicationsSubsystemFailure|
-----
Total: 10
```

maskadd

().

```
:
domain/<DOMAIN>/alarms/maskadd

:
maskadd all | [[-i <LOCATION>|-il <Loc1>,...,<LocN>] [-c <CLASS>|-ic <C1>,...,<CIN> ] [-i <INSTANCE>|-ii <Ins1>,...,<InsN>]] [-e true|false]

:
all - ;|- <LOCATION>, (,,);
-il - , "locations": Loc1,...,LocN;
-c - <CLASS>;
-ic - , ;
-i - ;
-ii - , ;
-e - / , , :

    • true - ;
    • false - .

:
```

```
ecss-root@[core1@leonid1]:/# domain/111/alarms/maskadd -l tts1@leonid1
ok
```

maskdel

37313034-6438-3266-6232-343239303534:

```
ecss-root@[corel@leonidl]:/# domain/111/alarms/maskdel 37313034-6438-3266-6232-343239303534
Mask(s) successfully removed.
```

```
/domain/<DOMAIN>/alarms/maskmod
```

:
maskmod <MASKID> all | [[-l <LOCATION>|-il <Loc1>,...,<LocN>] [-c <CLASS>|-ic <CI1>,...,<CIN>] [-i <INSTANCE>|-ii <Ins1>,...,<InsN>]] [-e true|false]

:
<MASKID> - ;all - ;
-l - <Location>, (, ,);
-il - , "locations": Loc1,...,LocN;
-c - <Class>;
-ic - , ;
-i - ;
-ii - , ;
-e - / , , :

- true - ;
- false - .

:
ecss-root@[core1@leonid1]:/# domain/111/alarms/maskmod 37313034-6438-3266-6261-313435613538 -e false
ok

masktrace

.
:
/domain/<DOMAIN>/alarms/masktrace
:
modtrace [-l <LOCATION>] [-c <CLASS>] [-i <INSTANCE>]

- :
 - -l - <LOCATION>;
 <location>: node_name@hostname;
 - -c - <CLASS>;
 <CLASS>: ClassName::Subclass1::.....SubclassN;
 - -i - <INSTANCE>;

:
ecss-root@[core1@leonid1]:/# domain/111/alarms/masktrace -i tau72