

Дополнительная настройка LANE - SSRP с двойным PNY-портом

Содержание

[Введение](#)

[Предварительные условия](#)

[Требования](#)

[Используемые компоненты](#)

[Условные обозначения](#)

[Настройка](#)

[Схема сети](#)

[Конфигурации](#)

[Проверка](#)

[Устранение неполадок](#)

[Дополнительные сведения](#)

Введение

Цель этого документа состоит в том, чтобы описать избыточную сеть (LANE) эмуляции LAN в ATM с помощью модулей Протокола SSRP для Cisco Catalyst 5000. SSRP поддерживается в этих компонентах:

- Версия 3.1 Модуля LANE Cisco Catalyst и позже
- Версия 11.2 Cisco Lightstream 1010 и позже
- Выпуск 11.2 Программного обеспечения Cisco IOS и позже

Предварительные условия

Требования

Для этого документа отсутствуют особые требования.

Используемые компоненты

Сведения в этом документе основываются на Cisco Catalyst 5000.

Сведения, представленные в этом документе, были получены от устройств, работающих в специальной лабораторной среде. Все устройства, описанные в этом документе, были запущены с чистой (стандартной) конфигурацией. В рабочей сети необходимо изучить потенциальное воздействие всех команд до их использования.

Условные обозначения

[Дополнительные сведения об условных обозначениях в документах см. Cisco Technical Tips Conventions.](#)

Настройка

В этом разделе содержатся сведения о настройке функций, описанных в этом документе.

Примечание: [Поиск дополнительной информации о командах в данном документе можно выполнить с помощью средства "Command Lookup" \(Поиск команд\) \(только для зарегистрированных клиентов\).](#)

Схема сети

В настоящем документе используется следующая схема сети:

Примечание: Поскольку изменения префикса ATM с коммутатором соединились с, адрес ATM сервера эмуляции LAN (LES) изменяется, если перемещено от PhyA до PhyB. Поэтому вам нужны два адреса LES в базе данных Сервера настройки эмуляции ЛВС (LECS) для каждого LES, находящегося на Модуле LANE. Поскольку существует два избыточных LESes (один на каждом из Модулей LANE), четыре линии необходимы в базе данных LECS для каждой эмулированной локальной сети (ELAN).

Эта усовершенствованная конфигурация показывает пример большой настройки со многими ELAN, поскольку это может, как правило, находиться в действующих сетях. LECS, настроенный здесь, не будет слушать известный адрес ATM. (Например, они не настроены с командой `lane config fixed-config-atm-address`.)

Примечание: Местоположения различных сервисов, показанных в этом документе, не могли бы быть оптимальными. Прежде, чем внедрить такую конфигурацию в действующей сети, рассмотрите [Рекомендации по эмуляции локальных сетей](#).

Конфигурации

Эти конфигурации используются в данном документе:

- [C5000#1](#)
- [C5000#2](#)
- [LS1010#1](#)
- [LS1010#2](#)

C5000#1

```
Current configuration:
!
service timestamps debug uptime
service timestamps log uptime
!
hostname ATM
!
!
```

```
!  
lane database sbs-elanbase  
  name default server-atm-address  
47.00918100000000E014CB3701.006083DA4011.01  
  name default server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.01  
  name default server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.01  
  name default server-atm-address  
47.00918100000000E014CB4101.006083DA4011.01  
  name Elan_132 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.0B  
  name Elan_132 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.0B  
  name Elan_132 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.0B  
  name Elan_132 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.0B  
  name Elan_13_131 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.02  
  name Elan_13_131 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.02  
  name Elan_13_131 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.02  
  name Elan_13_131 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.02  
  name Elan_126_23 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.03  
  name Elan_126_23 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.03  
  name Elan_126_23 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.03  
  name Elan_126_23 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.03  
  name Elan_31 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.04  
  name Elan_31 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.04  
  name Elan_31 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.04  
  name Elan_31 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.04  
  name Elan_50 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.05  
  name Elan_50 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.05  
  name Elan_50 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.05  
  name Elan_50 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.05  
  name Elan_51 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.06  
  name Elan_51 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.06  
  name Elan_51 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.06  
  name Elan_51 server-atm-address  
47.00918100000000E014CB4101.006083DA4011.06  
  name Elan_91 server-atm-address  
47.00918100000000E014CB3701.006083DA4011.07  
  name Elan_91 server-atm-address  
47.00918100000000E014CB3701.00605C05BE11.07  
  name Elan_91 server-atm-address  
47.00918100000000E014CB4101.00605C05BE11.07
```

```
name Elan_91 server-atm-address
47.00918100000000E014CB4101.006083DA4011.07
name Elan_125 server-atm-address
47.00918100000000E014CB3701.006083DA4011.08
name Elan_125 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.08
name Elan_125 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.08
name Elan_125 server-atm-address
47.00918100000000E014CB4101.006083DA4011.08
name Elan_128_140 server-atm-address
47.00918100000000E014CB3701.006083DA4011.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB4101.006083DA4011.09
name Elan_130 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0A
name Elan_130 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0A
name Elan_130 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0A
name Elan_130 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0A
name Elan_133_6 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0C
name Elan_133_6 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0C
name Elan_133_6 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0C
name Elan_133_6 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0C
name Elan_136 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0D
name Elan_136 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0D
name Elan_136 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0D
name Elan_136 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0D
name Elan_138 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0E
name Elan_138 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0E
name Elan_138 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0E
name Elan_138 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0E
name Elan_135 server-atm-address
47.00918100000000E014CB3701.006083DA4011.11
name Elan_135 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.11
name Elan_135 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.11
name Elan_135 server-atm-address
47.00918100000000E014CB4101.006083DA4011.11
!
interface ATM0
atm preferred phy A
atm pvc 1 0 5 qsaal
atm pvc 2 0 16 ilmi
lane config auto-config-atm-address
```

```
lane config database sbs-elanbase
!
interface ATM0.1 multipoint
lane server-bus ethernet default
lane client ethernet 1 default
!
interface ATM0.2 multipoint
lane server-bus ethernet Elan_13_131
lane client ethernet 2 Elan_13_131
!
interface ATM0.3 multipoint
lane server-bus ethernet Elan_126_23
lane client ethernet 3 Elan_126_23
!
interface ATM0.4 multipoint
lane server-bus ethernet Elan_31
lane client ethernet 4 Elan_31
!
interface ATM0.5 multipoint
lane server-bus ethernet Elan_50
lane client ethernet 5 Elan_50
!
interface ATM0.6 multipoint
lane server-bus ethernet Elan_51
lane client ethernet 6 Elan_51
!
interface ATM0.7 multipoint
lane server-bus ethernet Elan_91
lane client ethernet 7 Elan_91
!
interface ATM0.8 multipoint
lane server-bus ethernet Elan_125
lane client ethernet 8 Elan_125
!
interface ATM0.9 multipoint
lane server-bus ethernet Elan_128_140
lane client ethernet 9 Elan_128_140
!
interface ATM0.10 multipoint
lane server-bus ethernet Elan_130
lane client ethernet 10 Elan_130
!
interface ATM0.11 multipoint
lane server-bus ethernet Elan_132
lane client ethernet 11 Elan_132
!
interface ATM0.12 multipoint
lane server-bus ethernet Elan_133_6
lane client ethernet 12 Elan_133_6
!
interface ATM0.13 multipoint
lane server-bus ethernet Elan_136
lane client ethernet 13 Elan_136
!
interface ATM0.14 multipoint
lane server-bus ethernet Elan_138
lane client ethernet 14 Elan_138
!
interface ATM0.17 multipoint
lane server-bus ethernet Elan_135
lane client ethernet 17 Elan_135
!
logging trap debugging
!
```

```
line con 0
line vty 0 4
  no login
!
end
```

```
ATM# show lane LE Config Server ATM0 config table: sbs-elanbase Admin: up State: operational
LECS Mastership State: active master list of global LECS addresses (33 seconds to update):
47.00918100000000E014CB3701.00605C05BE13.00 <----- me
47.00918100000000E014CB3701.006083DA4013.00 47.00918100000000E014CB4101.00605C05BE13.00
47.00918100000000E014CB4101.006083DA4013.00 connected outgoing call (vcd 3) ATM Address of this
LECS: 47.00918100000000E014CB3701.00605C05BE13.00 (auto) vcd rxCnt txCnt callingParty 14 9 9
47.00918100000000E014CB3701.00605C05BE11.0A LES Elan_130 0 active 15 11 11
47.00918100000000E014CB3701.00605C05BE11.01 LES default 0 active 16 9 9
47.00918100000000E014CB3701.00605C05BE11.0C LES Elan_133_6 0 active 17 9 9
47.00918100000000E014CB3701.00605C05BE11.0D LES Elan_136 0 active 18 9 9
47.00918100000000E014CB3701.00605C05BE11.0B LES Elan_132 0 active 19 9 9
47.00918100000000E014CB3701.00605C05BE11.09 LES Elan_128_140 0 active 20 9 9
47.00918100000000E014CB3701.00605C05BE11.0E LES Elan_138 0 active 21 9 9
47.00918100000000E014CB3701.00605C05BE11.02 LES Elan_13_131 0 active 22 9 9
47.00918100000000E014CB3701.00605C05BE11.03 LES Elan_126_23 0 active 23 9 9
47.00918100000000E014CB3701.00605C05BE11.07 LES Elan_91 0 active 24 9 9
47.00918100000000E014CB3701.00605C05BE11.04 LES Elan_31 0 active 25 9 9
47.00918100000000E014CB3701.00605C05BE11.06 LES Elan_51 0 active 26 9 9
47.00918100000000E014CB3701.00605C05BE11.11 LES Elan_135 0 active 27 9 9
47.00918100000000E014CB3701.00605C05BE11.05 LES Elan_50 0 active 28 9 9
47.00918100000000E014CB3701.00605C05BE11.08 LES Elan_125 0 active 45 8 8
47.00918100000000E014CB4101.006083DA4011.11 LEC 46 8 8
47.00918100000000E014CB4101.006083DA4011.0B LEC 47 8 8
47.00918100000000E014CB4101.006083DA4011.08 LEC 48 8 8
47.00918100000000E014CB4101.006083DA4011.09 LEC 49 8 8
47.00918100000000E014CB4101.006083DA4011.04 LEC vcd rxCnt txCnt callingParty 50 8 8
47.00918100000000E014CB4101.006083DA4011.0D LEC 51 8 8
47.00918100000000E014CB4101.006083DA4011.03 LEC 52 8 8
47.00918100000000E014CB4101.006083DA4011.07 LEC 53 8 8
47.00918100000000E014CB4101.006083DA4011.0A LEC 54 8 8
47.00918100000000E014CB4101.006083DA4011.02 LEC 55 10 10
47.00918100000000E014CB4101.006083DA4011.01 LEC 56 8 8
47.00918100000000E014CB4101.006083DA4011.0C LEC 57 8 8
47.00918100000000E014CB4101.006083DA4011.0E LEC 58 8 8
47.00918100000000E014CB4101.006083DA4011.06 LEC 457 8 8
47.00918100000000E014CB4101.006083DA4011.05 LEC cumulative total number of unrecognized packets
received so far: 0 cumulative total number of config requests received so far: 414 cumulative
total number of config failures so far: 4 cause of last failure: no configuration culprit for
the last failure: 47.00918100000000E014CB3701.00605C05BE10.04 LE Server ATM0.1 ELAN name:
default Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.01 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 31 control distribute: vcd 392, 11
members, 614 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term)
lecid ST vcd pkts Hardware Addr ATM Address 1 O 259 33 00e0.14cb.3702
47.00918100000000E014CB3701.000000000000.00 2P O 278 31 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.01 3P O 291 32 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.00 4P O 292 33 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.00 5P O 296 33 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.00 6 O 312 33 00e0.14cb.4102
47.00918100000000E014CB4101.000000000000.00 7 O 314 311 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.01 8P O 317 32 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.00 9P O 320 32 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.00 10P O 352 32 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.01 11P O 431 31 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.01 LE BUS ATM0.1 ELAN name: default Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.01 data forward: vcd 456, 11 members, 1570 packets, 0
unicasts lecid vcd pkts ATM Address 1 432 66 47.00918100000000E014CB3701.000000000000.00 2 437
```

64 47.00918100000000E014CB4101.00605C328610.01 3 521 67
47.00918100000000E014CB4101.006083D57410.00 4 520 65 47.00918100000000E014CB4101.006083BE8C10.00
5 522 68 47.00918100000000E014CB4101.00608361C710.00 6 516 66
47.00918100000000E014CB4101.000000000000.00 7 519 917
47.00918100000000E014CB4101.00602F84CA20.01 8 518 59 47.00918100000000E014CB4101.006083BF0810.00
9 523 66 47.00918100000000E014CB4101.006009B6D710.00 10 535 67
47.00918100000000E014CB4101.006083DA4010.01 11 572 65
47.00918100000000E014CB3701.00605C05BE10.01 LE Client ATM0.1 ELAN name: default Admin: up State:
operational Client ID: 11 LEC up for 1 hour 3 minutes 35 seconds Join Attempt: 8 HW Address:
0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 1 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.01 VCD rxFrames txFrames Type ATM Address VCD rxFrames
txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 452 1 31
direct 47.00918100000000E014CB3701.00605C05BE11.01 551 597 0 distribute
47.00918100000000E014CB3701.00605C05BE11.01 578 0 65 send
47.00918100000000E014CB3701.00605C05BE12.01 584 1496 0 forward
47.00918100000000E014CB3701.00605C05BE12.01 603 409 378 data
47.00918100000000E014CB4101.00602F84CA20.01 LE Server ATM0.2 ELAN name: Elan_13_131 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.02 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 37 control distribute: vcd 283, 9
members, 1972 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject,
Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 129 2 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.02 2P O 268 699 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.02 3P O 271 4 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.02 4P O 273 4 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.02 5P O 275 4 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.02 6P O 289 3 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.02 7P O 299 549 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.02 proxy/ (ST: Init, Conn, Waiting, Adding, Joined,
Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 8 O 357 720
0060.2f84.ca20 47.00918100000000E014CB4101.00602F84CA20.02 9P O 361 3 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.02 LE BUS ATM0.2 ELAN name: Elan_13_131 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.02 data forward: vcd 331, 9 members, 31955 packets, 0
unicasts lecid vcd pkts ATM Address 1 309 63 47.00918100000000E014CB3701.00605C05BE10.02 2 480
19096 47.00918100000000E014CB4101.006009B6D710.02 3 477 62
47.00918100000000E014CB4101.006083BE8C10.02 4 476 62 47.00918100000000E014CB4101.006083D57410.02
5 472 62 47.00918100000000E014CB4101.00605C328610.02 6 479 62
47.00918100000000E014CB4101.00608361C710.02 7 475 3103
47.00918100000000E014CB4101.006083DA4010.02 8 504 9388
47.00918100000000E014CB4101.00602F84CA20.02 9 517 57 47.00918100000000E014CB4101.006083BF0810.02
LE Client ATM0.2 ELAN name: Elan_13_131 Admin: up State: operational Client ID: 1 LEC up for 1
hour 4 minutes 8 seconds Join Attempt: 7 HW Address: 0060.5c05.be10 Type: ethernet Max Frame
Size: 1516 VLANID: 2 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.02 VCD rxFrames
txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 185 1 2
direct 47.00918100000000E014CB3701.00605C05BE11.02 256 1980 0 distribute
47.00918100000000E014CB3701.00605C05BE11.02 311 0 63 send
47.00918100000000E014CB3701.00605C05BE12.02 329 31932 0 forward
47.00918100000000E014CB3701.00605C05BE12.02 LE Server ATM0.3 ELAN name: Elan_126_23 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.03 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 38 control distribute: vcd 347, 9
members, 462 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term)
lecid ST vcd pkts Hardware Addr ATM Address 1 O 180 191 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.03 2P O 223 177 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.03 3P O 235 2 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.03 4P O 236 2 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.03 5P O 238 2 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.03 proxy/ (ST: Init, Conn, Waiting, Adding, Joined,
Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 6P O 241 2 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.03 7P O 242 2 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.03 8P O 288 4 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.03 9P O 442 91 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.03 LE BUS ATM0.3 ELAN name: Elan_126_23 Admin: up

State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.03 data forward: vcd 360, 9 members, 10998 packets, 0 unicasts lecid vcd pkts ATM Address 1 349 1658 47.00918100000000E014CB4101.00602F84CA20.03 2 383 4820 47.00918100000000E014CB4101.006083BE8C10.03 3 384 57
47.00918100000000E014CB4101.006083BF0810.03 4 379 62 47.00918100000000E014CB4101.00608361C710.03 5 388 61 47.00918100000000E014CB4101.00605C328610.03 6 389 63
47.00918100000000E014CB4101.006009B6D710.03 7 401 63 47.00918100000000E014CB4101.006083D57410.03 8 509 62 47.00918100000000E014CB4101.006083DA4010.03 9 573 4152
47.00918100000000E014CB3701.00605C05BE10.03 LE Client ATM0.3 ELAN name: Elan_126_23 Admin: up State: operational Client ID: 9 LEC up for 1 hour 3 minutes 58 seconds Join Attempt: 8 HW Address: 0060.5c05.be10 Type: ethernet s Max Frame Size: 1516 VLANID: 3 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.03 VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 453 1 91 direct
47.00918100000000E014CB3701.00605C05BE11.03 552 447 0 distribute
47.00918100000000E014CB3701.00605C05BE11.03 579 0 4159 send
47.00918100000000E014CB3701.00605C05BE12.03 585 6852 0 forward
47.00918100000000E014CB3701.00605C05BE12.03 611 3891 4036 data
47.00918100000000E014CB4101.00602F84CA20.03 604 11817 11959 data
47.00918100000000E014CB4101.006083BE8C10.03 LE Server ATM0.4 ELAN name: Elan_31 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.04 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 40 control distribute: vcd 282, 9 members, 352 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 128 2 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.04 proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 2 O 231 66 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.04 3P O 240 2 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.04 4P O 244 115 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.04 5P O 248 2 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.04 6P O 265 2 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.04 7P O 269 3 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.04 8P O 284 169 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.04 9P O 298 3 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.04 LE BUS ATM0.4 ELAN name: Elan_31 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.04 data forward: vcd 310, 9 members, 13546 packets, 0 unicasts lecid vcd pkts ATM Address 1 304 63 47.00918100000000E014CB3701.00605C05BE10.04 2 371 3172 47.00918100000000E014CB4101.00602F84CA20.04 3 404 63
47.00918100000000E014CB4101.00605C328610.04 4 374 2296
47.00918100000000E014CB4101.006083BF0810.04 5 405 63 47.00918100000000E014CB4101.006083BE8C10.04 6 417 63 47.00918100000000E014CB4101.006009B6D710.04 7 419 63
47.00918100000000E014CB4101.006083D57410.04 lecid vcd pkts ATM Address 8 434 7702
47.00918100000000E014CB4101.00608361C710.04 9 471 62 47.00918100000000E014CB4101.006083DA4010.04 LE Client ATM0.4 ELAN name: Elan_31 Admin: up State: operational Client ID: 1 LEC up for 1 hour 4 minutes 41 seconds Join Attempt: 7 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 4 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.04 VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 184 1 2 direct
47.00918100000000E014CB3701.00605C05BE11.04 255 352 0 distribute
47.00918100000000E014CB3701.00605C05BE11.04 305 0 63 send
47.00918100000000E014CB3701.00605C05BE12.04 308 13487 0 forward
47.00918100000000E014CB3701.00605C05BE12.04 LE Server ATM0.5 ELAN name: Elan_50 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.05 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 0ùs connected, vcd 43 control distribute: vcd 348, 9 members, 892 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 195 3 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.05 2P O 503 2 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.05 3P O 506 332 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.05 4P O 507 257 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.05 5 O 510 300 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.05 6P O 512 2 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.05 7P O 513 2 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.05 8P O 514 2 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.05 9P O 515 2 0060.83d5.7410

47.00918100000000E014CB4101.006083D57410.05 LE BUS ATM0.5 ELAN name: Elan_50 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE12.05 data forward: vcd 400, 9 members, 18869 packets, 0 unicasts lecid vcd pkts ATM Address 1 362 63 47.00918100000000E014CB3701.00605C05BE10.05 2 568 58 47.00918100000000E014CB4101.006083BF0810.05 3 567 9548

47.00918100000000E014CB4101.00605C328610.05 4 566 968

47.00918100000000E014CB4101.006083DA4010.05 5 564 7981

47.00918100000000E014CB4101.00602F84CA20.05 lecid vcd pkts ATM Address 6 571 63

47.00918100000000E014CB4101.006083BE8C10.05 7 570 63 47.00918100000000E014CB4101.00608361C710.05 8 565 63 47.00918100000000E014CB4101.006009B6D710.05 9 569 63

47.00918100000000E014CB4101.006083D57410.05 LE Client ATM0.5 ELAN name: Elan_50 Admin: up State: operational Client ID: 1 LEC up for 1 hour 4 minutes 46 seconds Join Attempt: 6 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 5 ATM Address:

47.00918100000000E014CB3701.00605C05BE10.05 VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 208 1 3 direct

47.00918100000000E014CB3701.00605C05BE11.05 345 896 0 distribute

47.00918100000000E014CB3701.00605C05BE11.05 393 0 63 send

47.00918100000000E014CB3701.00605C05BE12.05 396 18859 0 forward

47.00918100000000E014CB3701.00605C05BE12.05 LE Server ATM0.6 ELAN name: Elan_51 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE11.06 LECS used:

47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 41 VCD rxFrames txFrames Type ATM Address control distribute: vcd 395, 9 members, 437 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 253 118 0060.5c05.be10 47.00918100000000E014CB3701.00605C05BE10.06 2P O 293 3 0060.83d5.7410

47.00918100000000E014CB4101.006083D57410.06 3P O 294 3 0060.83be.8c10

47.00918100000000E014CB4101.006083BE8C10.06 4 O 313 228 0060.2f84.ca20

47.00918100000000E014CB4101.00602F84CA20.06 5P O 327 91 0060.83bf.0810

47.00918100000000E014CB4101.006083BF0810.06 6P O 336 3 0060.8361.c710

47.00918100000000E014CB4101.00608361C710.06 7P O 342 3 0060.09b6.d710

47.00918100000000E014CB4101.006009B6D710.06 8P O 344 3 0060.5c32.8610

47.00918100000000E014CB4101.00605C328610.06 9P O 358 3 0060.83da.4010

47.00918100000000E014CB4101.006083DA4010.06 LE BUS ATM0.6 ELAN name: Elan_51 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE12.06 data forward: vcd 468, 9 members, 13506 packets, 0 unicasts lecid vcd pkts ATM Address 1 464 5695 47.00918100000000E014CB3701.00605C05BE10.06 2 461 63 47.00918100000000E014CB4101.006083D57410.06 lecid vcd pkts ATM Address 3 459 63

47.00918100000000E014CB4101.006083BE8C10.06 4 458 3511

47.00918100000000E014CB4101.00602F84CA20.06 5 532 3940

47.00918100000000E014CB4101.006083BF0810.06 6 527 63 47.00918100000000E014CB4101.00608361C710.06 7 534 63 47.00918100000000E014CB4101.006009B6D710.06 8 530 63

47.00918100000000E014CB4101.00605C328610.06 9 537 63 47.00918100000000E014CB4101.006083DA4010.06 LE Client ATM0.6 ELAN name: Elan_51 Admin: up State: operational Client ID: 1 LEC up for 1 hour 4 minutes 50 seconds Join Attempt: 6 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 6 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.06 VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 258 2 118 direct

47.00918100000000E014CB3701.00605C05BE11.06 390 437 0 distribute

47.00918100000000E014CB3701.00605C05BE11.06 466 0 5696 send

47.00918100000000E014CB3701.00605C05BE12.06 470 7832 0 forward

47.00918100000000E014CB3701.00605C05BE12.06 563 1045489 1044602 data

47.00918100000000E014CB4101.00602F84CA20.06 555 41925 41525 data

47.00918100000000E014CB4101.006083BF0810.06 VCD rxFrames txFrames Type ATM Address LE Server ATM0.7 ELAN name: Elan_91 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address: 47.00918100000000E014CB3701.00605C05BE11.07 LECS used:

47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 39 control distribute: vcd 354, 9 members, 128 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1 O 220 62 0060.2f84.ca20

47.00918100000000E014CB4101.00602F84CA20.07 2P O 237 2 0060.8361.c710

47.00918100000000E014CB4101.00608361C710.07 3P O 239 61 0060.83d5.7410

47.00918100000000E014CB4101.006083D57410.07 4P O 245 3 0060.5c32.8610

47.00918100000000E014CB4101.00605C328610.07 5P O 246 2 0060.09b6.d710

47.00918100000000E014CB4101.006009B6D710.07 6P O 249 2 0060.83be.8c10

47.00918100000000E014CB4101.006083BE8C10.07 7P O 261 3 0060.83bf.0810

47.00918100000000E014CB4101.006083BF0810.07 8P O 297 3 0060.83da.4010

47.00918100000000E014CB4101.006083DA4010.07 9P O 483 2 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.07 LE BUS ATM0.7 ELAN name: Elan_91 Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.07 data forward: vcd 399, 9 members, 25789 packets, 0
unicasts lecid vcd pkts ATM Address 1 365 1373 47.00918100000000E014CB4101.00602F84CA20.07 2 369
63 47.00918100000000E014CB4101.00608361C710.07 3 377 23980
47.00918100000000E014CB4101.006083D57410.07 4 409 62 47.00918100000000E014CB4101.00605C328610.07
5 410 64 47.00918100000000E014CB4101.006009B6D710.07 6 413 63
47.00918100000000E014CB4101.006083BE8C10.07 7 411 58 47.00918100000000E014CB4101.006083BF0810.07
8 462 63 47.00918100000000E014CB4101.006083DA4010.07 9 577 63
47.00918100000000E014CB3701.00605C05BE10.07 LE Client ATM0.7 ELAN name: Elan_91 Admin: up State:
operational Client ID: 9 LEC up for 1 hour 4 minutes 51 seconds Join Attempt: 7 HW Address:
0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 7 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.07 VCD rxFrames txFrames Type ATM Address 0 0 0
configure 47.00918100000000E014CB3701.00605C05BE13.00 491 1 2 direct
47.00918100000000E014CB3701.00605C05BE11.07 558 115 0 distribute
47.00918100000000E014CB3701.00605C05BE11.07 VCD rxFrames txFrames Type ATM Address 583 0 63 send
47.00918100000000E014CB3701.00605C05BE12.07 593 25689 0 forward
47.00918100000000E014CB3701.00605C05BE12.07 LE Server ATM0.8 ELAN name: Elan_125 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.08 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 44 control distribute: vcd 330, 9
members, 182 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term)
lecid ST vcd pkts Hardware Addr ATM Address 1 O 178 90 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.08 2P O 179 3 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.08 3P O 217 2 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.08 4P O 226 2 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.08 5P O 228 2 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.08 6P O 232 2 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.08 7P O 276 4 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.08 8P O 467 2 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.08 9P O 598 87 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.08 LE BUS ATM0.8 ELAN name: Elan_125 Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.08 data forward: vcd 355, 9 members, 3248 packets, 0
unicasts lecid vcd pkts ATM Address 1 341 1823 47.00918100000000E014CB4101.00602F84CA20.08 2 351
58 47.00918100000000E014CB4101.006083BF0810.08 3 382 64
47.00918100000000E014CB4101.006083BE8C10.08 4 372 63 47.00918100000000E014CB4101.00608361C710.08
5 387 62 47.00918100000000E014CB4101.00605C328610.08 6 375 64
47.00918100000000E014CB4101.006009B6D710.08 7 474 63 47.00918100000000E014CB4101.006083DA4010.08
8 574 63 47.00918100000000E014CB3701.00605C05BE10.08 9 605 988
47.00918100000000E014CB4101.006083D57410.08 LE Client ATM0.8 ELAN name: Elan_125 Admin: up
State: operational Client ID: 8 LEC up for 1 hour 5 minutes 2 seconds Join Attempt: 7 HW
Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 8 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.08 VCD rxFrames txFrames Type ATM Address 0 0 0
configure 47.00918100000000E014CB3701.00605C05BE13.00 VCD rxFrames txFrames Type ATM Address 469
1 2 direct 47.00918100000000E014CB3701.00605C05BE11.08 553 174 0 distribute
47.00918100000000E014CB3701.00605C05BE11.08 580 0 63 send
47.00918100000000E014CB3701.00605C05BE12.08 590 3176 0 forward
47.00918100000000E014CB3701.00605C05BE12.08 LE Server ATM0.9 ELAN name: Elan_128_140 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.09 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 35 control distribute: vcd 353, 9
members, 400 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term)
lecid ST vcd pkts Hardware Addr ATM Address 1 O 215 202 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.09 2P O 222 2 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.09 3P O 225 190 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.09 4P O 229 2 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.09 5P O 230 2 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.09 6P O 233 2 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.09 7P O 247 2 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.09 8P O 286 3 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.09 9P O 481 70060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.09 proxy/ (ST: Init, Conn, Waiting, Adding, Joined,

Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address LE BUS ATM0.9 ELAN name: Elan_128_140 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address: 47.00918100000000E014CB3701.00605C05BE12.09 data forward: vcd 397, 9 members, 7168 packets, 0 unicasts lecid vcd pkts ATM Address 1 363 1742 47.00918100000000E014CB4101.00602F84CA20.09 2 368 58 47.00918100000000E014CB4101.006083BF0810.09 3 367 4984 47.00918100000000E014CB4101.00608361C710.09 4 385 63 47.00918100000000E014CB4101.00605C328610.09 5 364 64 47.00918100000000E014CB4101.006009B6D710.09 6 376 64 47.00918100000000E014CB4101.006083D57410.09 7 412 64 47.00918100000000E014CB4101.006083BE8C10.09 8 433 63 47.00918100000000E014CB4101.006083DA4010.09 9 575 66 47.00918100000000E014CB3701.00605C05BE10.09 LE Client ATM0.9 ELAN name: Elan_128_140 Admin: up State: operational Client ID: 9 LEC up for 1 hour 5 minutes 13 seconds Join Attempt: 7 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 9 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.09 VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 489 1 7 direct 47.00918100000000E014CB3701.00605C05BE11.09 556 383 0 distribute 47.00918100000000E014CB3701.00605C05BE11.09 581 0 66 send 47.00918100000000E014CB3701.00605C05BE12.09 591 7074 0 forward 47.00918100000000E014CB3701.00605C05BE12.09 LE Server ATM0.10 ELAN name: Elan_130 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address: 47.00918100000000E014CB3701.00605C05BE11.0A LECS used: 47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 30 control distribute: vcd 394, 9 members, 117 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 264 3 0060.8361.c710 47.00918100000000E014CB4101.00608361C710.0A 2P O 272 3 0060.83be.8c10 47.00918100000000E014CB4101.006083BE8C10.0A 3P O 274 3 0060.83d5.7410 47.00918100000000E014CB4101.006083D57410.0A 4P O 277 49 0060.5c32.8610 47.00918100000000E014CB4101.00605C328610.0A 5P O 285 3 0060.83bf.0810 47.00918100000000E014CB4101.006083BF0810.0A 6P O 290 4 0060.09b6.d710 47.00918100000000E014CB4101.006009B6D710.0A 7P O 303 4 0060.83da.4010 47.00918100000000E014CB4101.006083DA4010.0A proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 8 O 356 63 0060.2f84.ca20 47.00918100000000E014CB4101.00602F84CA20.0A 9P O 482 2 0060.5c05.be10 47.00918100000000E014CB3701.00605C05BE10.0A LE BUS ATM0.10 ELAN Øüs name: Elan_130 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address: 47.00918100000000E014CB3701.00605C05BE12.0A data forward: vcd 460, 9 members, 6649 packets, 0 unicasts lecid vcd pkts ATM Address 1 436 64 47.00918100000000E014CB4101.00608361C710.0A 2 441 64 47.00918100000000E014CB4101.006083BE8C10.0A 3 435 64 47.00918100000000E014CB4101.006083D57410.0A 4 438 2425 47.00918100000000E014CB4101.00605C328610.0A 5 439 59 47.00918100000000E014CB4101.006083BF0810.0A 6 511 64 47.00918100000000E014CB4101.006009B6D710.0A 7 508 64 47.00918100000000E014CB4101.006083DA4010.0A 8 505 3782 47.00918100000000E014CB4101.00602F84CA20.0A 9 576 63 47.00918100000000E014CB3701.00605C05BE10.0A LE Client ATM0.10 ELAN name: Elan_130 Admin: up State: operational Client ID: 9 LEC up for 1 hour 5 minutes 23 seconds Join Attempt: 7 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 10 ATM Address: 47.00918100000000E014CB3701.00605C05BE10.0A VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 490 1 2 direct 47.00918100000000E014CB3701.00605C05BE11.0A 557 107 0 distribute 47.00918100000000E014CB3701.00605C05BE11.0A 582 0 63 send 47.00918100000000E014CB3701.00605C05BE12.0A 592 6536 0 forward 47.00918100000000E014CB3701.00605C05BE12.0A LE Server ATM0.11 ELAN name: Elan_132 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address: 47.00918100000000E014CB3701.00605C05BE11.0B LECS used: 47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 34 control distribute: vcd 307, 9 members, 1661 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1 O 177 835 0060.2f84.ca20 47.00918100000000E014CB4101.00602F84CA20.0B 2P O 216 349 0060.5c32.8610 47.00918100000000E014CB4101.00605C328610.0B 3P O 218 2 0060.83d5.7410 47.00918100000000E014CB4101.006083D57410.0B 4P O 219 2 0060.83bf.0810 47.00918100000000E014CB4101.006083BF0810.0B 5P O 224 2 0060.83be.8c10 47.00918100000000E014CB4101.006083BE8C10.0B proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 6P O 254 212 0060.5c05.be10 47.00918100000000E014CB3701.00605C05BE10.0B 7P O 266 4 0060.83da.4010 47.00918100000000E014CB4101.006083DA4010.0B 8P O 322 268 0060.8361.c710 47.00918100000000E014CB4101.00608361C710.0B 9P O 335 4 0060.09b6.d710

47.00918100000000E014CB4101.006009B6D710.0B LE BUS ATM0.11 ELAN name: Elan_132 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE12.0B data forward: vcd 346, 9 members, 24322 packets, 0 unicasts lecid vcd pkts ATM Address 1 318 6650 47.00918100000000E014CB4101.00602F84CA20.0B 2 386 2925 47.00918100000000E014CB4101.00605C328610.0B 3 373 64

47.00918100000000E014CB4101.006083D57410.0B 4 370 58 47.00918100000000E014CB4101.006083BF0810.0B 5 380 64 47.00918100000000E014CB4101.006083BE8C10.0B 6 406 2709

47.00918100000000E014CB3701.00605C05BE10.0B 7 463 64 47.00918100000000E014CB4101.006083DA4010.0B 8 478 11724 47.00918100000000E014CB4101.00608361C710.0B 9 540 64

47.00918100000000E014CB4101.006009B6D710.0B LE Client ATM0.11 ELAN name: Elan_132 Admin: up òs State: operational Client ID: 6 LEC up for 1 hour 5 minutes 46 seconds Join Attempt: Øùs 6 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 11 ATM Address:

47.00918100000000E014CB3701.00605C05BE10.0B VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 279 1 212 direct

47.00918100000000E014CB3701.00605C05BE11.0B 391 1656 0 distribute

47.00918100000000E014CB3701.00605C05BE11.0B 414 0 2710 send

47.00918100000000E014CB3701.00605C05BE12.0B 429 21619 0 forward

47.00918100000000E014CB3701.00605C05BE12.0B 554 4905 4791 data

47.00918100000000E014CB4101.00602F84CA20.0B 614 4095 4683 data

47.00918100000000E014CB4101.00608361C710.0B LE Server ATM0.12 ELAN name: Elan_133_6 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE11.0C LECS used:

47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 32 control distribute: vcd 430, 9 members, 2587 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1P O 295 4 0060.5c32.8610

47.00918100000000E014CB4101.00605C328610.0C proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 2P O 301 4 0060.8361.c710

47.00918100000000E014CB4101.00608361C710.0C 3P O 316 2285 0060.2f84.ca20

47.00918100000000E014CB4101.00602F84CA20.0C 4P O 326 3 0060.83bf.0810

47.00918100000000E014CB4101.006083BF0810.0C 5P O 334 3 0060.83d5.7410

47.00918100000000E014CB4101.006083D57410.0C 6P O 339 3 0060.83be.8c10

47.00918100000000E014CB4101.006083BE8C10.0C 7P O 340 159 0060.09b6.d710

47.00918100000000E014CB4101.006009B6D710.0C 8P O 343 3 0060.83da.4010

47.00918100000000E014CB4101.006083DA4010.0C 9P O 486 144 0060.5c05.be10

47.00918100000000E014CB3701.00605C05BE10.0C LE BUS ATM0.12 ELAN name: Elan_133_6 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE12.0C data forward: vcd 538, 9 members, 37804 packets, 0 unicasts lecid vcd pkts ATM Address 1 529 64 47.00918100000000E014CB4101.00605C328610.0C 2 528 64 47.00918100000000E014CB4101.00608361C710.0C 3 524 26842

47.00918100000000E014CB4101.00602F84CA20.0C 4 531 59 47.00918100000000E014CB4101.006083BF0810.0C 5 525 64 47.00918100000000E014CB4101.006083D57410.0C 6 526 64

47.00918100000000E014CB4101.006083BE8C10.0C 7 533 1714

47.00918100000000E014CB4101.006009B6D710.0C lecid vcd pkts ATM Address 8 536 64

47.00918100000000E014CB4101.006083DA4010.0C 9 588 8874

47.00918100000000E014CB3701.00605C05BE10.0C LE Client ATM0.12 ELAN name: Elan_133_6 Admin: up State: operational Client ID: 9 LEC up for 1 hour 5 minutes 44 seconds Join Attempt: 7 HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 12 ATM Address:

47.00918100000000E014CB3701.00605C05BE10.0C VCD rxFrames txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 501 1 144 direct

47.00918100000000E014CB3701.00605C05BE11.0C 561 2578 0 distribute

47.00918100000000E014CB3701.00605C05BE11.0C 596 0 8874 send

47.00918100000000E014CB3701.00605C05BE12.0C 601 28949 0 forward

47.00918100000000E014CB3701.00605C05BE12.0C 608 124569 117958 data

47.00918100000000E014CB4101.00602F84CA20.0C LE Server ATM0.13 ELAN name: Elan_136 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM address:

47.00918100000000E014CB3701.00605C05BE11.0D LECS used:

47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 33 control distribute: vcd 359, 9 members, 490 packets VCD rxFrames txFrames Type ATM Address proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term) lecid ST vcd pkts Hardware Addr ATM Address 1 O 234 148 0060.2f84.ca20 47.00918100000000E014CB4101.00602F84CA20.0D 2P O 243 3 0060.83d5.7410

47.00918100000000E014CB4101.006083D57410.0D 3P O 251 3 0060.5c32.8610

47.00918100000000E014CB4101.00605C328610.0D 4P O 262 2 0060.83bf.0810

47.00918100000000E014CB4101.006083BF0810.0D 5P O 263 3 0060.8361.c710

47.00918100000000E014CB4101.00608361C710.0D 6P O 267 3 0060.09b6.d710

47.00918100000000E014CB4101.006009B6D710.0D 7P O 270 214 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.0D 8P O 300 3 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.0D 9P O 484 123 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.0D LE BUS ATM0.13 ELAN name: Elan_136 Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.0D data forward: vcd 398, 9 members, 11401 packets, 0
unicasts lecid vcd pkts ATM Address 1 366 1852 47.00918100000000E014CB4101.00602F84CA20.0D 2 420
64 47.00918100000000E014CB4101.006083D57410.0D 3 421 64
47.00918100000000E014CB4101.00605C328610.0D lecid vcd pkts ATM Address 4 416 59
47.00918100000000E014CB4101.006083BF0810.0D 5 415 64 47.00918100000000E014CB4101.00608361C710.0D
6 418 65 47.00918100000000E014CB4101.006009B6D710.0D 7 422 3891
47.00918100000000E014CB4101.006083BE8C10.0D 8 473 64 47.00918100000000E014CB4101.006083DA4010.0D
9 586 5278 47.00918100000000E014CB3701.00605C05BE10.0D LE Client ATM0.13 ELAN name: Elan_136
Admin: up State: operational Client ID: 9 LEC up for 1 hour 5 minutes 55 seconds Join Attempt: 7
HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 13 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.0D VCD rxFrames txFrames Type ATM Address 0 0 0
configure 47.00918100000000E014CB3701.00605C05BE13.00 492 1 123 direct
47.00918100000000E014CB3701.00605C05BE11.0D 559 475 0 distribute
47.00918100000000E014CB3701.00605C05BE11.0D 594 0 5278 send
47.00918100000000E014CB3701.00605C05BE12.0D 599 6100 0 forward
47.00918100000000E014CB3701.00605C05BE12.0D 613 34079 33299 data
47.00918100000000E014CB4101.00602F84CA20.0D 606 21094 21353 data
47.00918100000000E014CB4101.006083BE8C10.0D VCD rxFrames txFrames Type ATM Address LE Server
ATM0.14 ELAN name: Elan_138 Admin: up State: operational type: ethernet Max Frame Size: 1516 ATM
address: 47.00918100000000E014CB3701.00605C05BE11.0E LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 36 control distribute: vcd 465, 9
members, 2808 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject,
Term) lecid ST vcd pkts Hardware Addr ATM Address 1 O 315 1747 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.0E 2P O 319 4 0060.83d5.7410
47.00918100000000E014CB4101.006083D57410.0E 3P O 321 7 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.0E 4P O s 325 €% 4 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.0E 5P O 332 4 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.0E 6P O 333 s 4 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.0E 7P O 337 763 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.0E 8P O 338 260 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.0E 9P O 487 32 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.0E LE BUS ATM0.14 ELAN name: Elan_138 Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.0E data forward: vcd 548, 9 members, 48900 packets, 0
unicasts lecid vcd pkts ATM Address 1 539 37218 47.00918100000000E014CB4101.00602F84CA20.0E 2
542 65 47.00918100000000E014CB4101.006083D57410.0E 3 544 233
47.00918100000000E014CB4101.006083DA4010.0E 4 546 60 47.00918100000000E014CB4101.006083BF0810.0E
5 543 64 47.00918100000000E014CB4101.00605C328610.0E 6 545 64
47.00918100000000E014CB4101.00608361C710.0E 7 547 7981
47.00918100000000E014CB4101.006009B6D710.0E 8 541 3119
47.00918100000000E014CB4101.006083BE8C10.0E 9 589 104
47.00918100000000E014CB3701.00605C05BE10.0E LE Client ATM0.14 ELAN name: Elan_138 Admin: up
State: operational Client ID: 9 LEC up for 1 hour 6 minutes 5 seconds Join Attempt: 7 HW
Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 14 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.0E VCD rxFrames txFrames Type ATM Address 0 0 0
configure 47.00918100000000E014CB3701.00605C05BE13.00 502 1 32 direct
47.00918100000000E014CB3701.00605C05BE11.0E 562 2792 0 distribute
47.00918100000000E014CB3701.00605C05BE11.0E 597 0 104 send
47.00918100000000E014CB3701.00605C05BE12.0E VCD rxFrames txFrames Type ATM Address 602 48789 0
forward 47.00918100000000E014CB3701.00605C05BE12.0E 609 107 108 data
47.00918100000000E014CB4101.00602F84CA20.0E LE Server ATM0.17 ELAN name: Elan_135 Admin: up
State: operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE11.11 LECS used:
47.00918100000000E014CB3701.00605C05BE13.00 connected, vcd 42 control distribute: vcd 257, 9
members, 552 packets proxy/ (ST: Init, Conn, Waiting, Adding, Joined, Operational, Reject, Term)
lecid ST vcd pkts Hardware Addr ATM Address 1 O 132 175 0060.2f84.ca20
47.00918100000000E014CB4101.00602F84CA20.11 2P O 136 3 0060.83bf.0810
47.00918100000000E014CB4101.006083BF0810.11 3P O 181 222 0060.5c32.8610
47.00918100000000E014CB4101.00605C328610.11 4P O 214 3 0060.83d5.7410

```

47.00918100000000E014CB4101.006083D57410.11 5P O 221 2 0060.83be.8c10
47.00918100000000E014CB4101.006083BE8C10.11 6P O 260 3 0060.83da.4010
47.00918100000000E014CB4101.006083DA4010.11 7P O 323 4 0060.8361.c710
47.00918100000000E014CB4101.00608361C710.11 8P O 324 4 0060.09b6.d710
47.00918100000000E014CB4101.006009B6D710.11 9P O 485 151 0060.5c05.be10
47.00918100000000E014CB3701.00605C05BE10.11 LE BUS ATM0.17 ELAN name: Elan_135 Admin: up State:
operational type: ethernet Max Frame Size: 1516 ATM address:
47.00918100000000E014CB3701.00605C05BE12.11 data forward: vcd 306, 9 members, 12578 packets, 0
unicasts lecid vcd pkts ATM Address 1 287 1877 47.00918100000000E014CB4101.00602F84CA20.11 2 328
59 47.00918100000000E014CB4101.006083BF0810.11 3 350 4857
47.00918100000000E014CB4101.00605C328610.11 4 378 65 47.00918100000000E014CB4101.006083D57410.11
5 381 65 47.00918100000000E014CB4101.006083BE8C10.11 6 440 64
47.00918100000000E014CB4101.006083DA4010.11 7 549 s 65
47.00918100000000E014CB4101.00608361C710.11 8 550 65 47.00918100000000E014CB4101.006009B6D710.11
9 587 5461 47.00918100000000E014CB3701.00605C05BE10.11 LE Client ATM0.17 ELAN name: Elan_135
Admin: up State: operational Client ID: 9 LEC up for 1 hour 6 minutes 15 seconds Join Attempt: 7
HW Address: 0060.5c05.be10 Type: ethernet Max Frame Size: 1516 VLANID: 17 ATM Address:
47.00918100000000E014CB3701.00605C05BE10.11 VCD rxFrames txFrames Type ATM Address 0 0 0
configure 47.00918100000000E014CB3701.00605C05BE13.00 VCD rxFrames txFrames Type ATM Address 500
1 151 direct 47.00918100000000E014CB3701.00605C05BE11.11 560 540 0 distribute
47.00918100000000E014CB3701.00605C05BE11.11 595 0 5495 send
47.00918100000000E014CB3701.00605C05BE12.11 600 7127 0 forward
47.00918100000000E014CB3701.00605C05BE12.11 612 1947 1890 data
47.00918100000000E014CB4101.00602F84CA20.11 616 20260 20467 data
47.00918100000000E014CB4101.00605C328610.11

```

C5000#2

Current configuration:

```

!
service timestamps debug uptime
service timestamps log uptime
!
hostname cat2-ATM
!
!
!
lane database sbs-elanbase
  name default server-atm-address
47.00918100000000E014CB3701.006083DA4011.01
  name default server-atm-address
47.00918100000000E014CB3701.00605C05BE11.01
  name default server-atm-address
47.00918100000000E014CB4101.00605C05BE11.01
  name default server-atm-address
47.00918100000000E014CB4101.006083DA4011.01
  name Elan_132 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0B
  name Elan_132 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0B
  name Elan_132 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0B
  name Elan_132 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0B
  name Elan_13_131 server-atm-address
47.00918100000000E014CB3701.006083DA4011.02
  name Elan_13_131 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.02
  name Elan_13_131 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.02
  name Elan_13_131 server-atm-address
47.00918100000000E014CB4101.006083DA4011.02
  name Elan_126_23 server-atm-address
47.00918100000000E014CB3701.006083DA4011.03
  name Elan_126_23 server-atm-address

```

47.00918100000000E014CB3701.00605C05BE11.03
name Elan_126_23 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.03
name Elan_126_23 server-atm-address
47.00918100000000E014CB4101.006083DA4011.03
name Elan_31 server-atm-address
47.00918100000000E014CB3701.006083DA4011.04
name Elan_31 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.04
name Elan_31 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.04
name Elan_31 server-atm-address
47.00918100000000E014CB4101.006083DA4011.04
name Elan_50 server-atm-address
47.00918100000000E014CB3701.006083DA4011.05
name Elan_50 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.05
name Elan_50 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.05
name Elan_50 server-atm-address
47.00918100000000E014CB4101.006083DA4011.05
name Elan_51 server-atm-address
47.00918100000000E014CB3701.006083DA4011.06
name Elan_51 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.06
name Elan_51 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.06
name Elan_51 server-atm-address
47.00918100000000E014CB4101.006083DA4011.06
name Elan_91 server-atm-address
47.00918100000000E014CB3701.006083DA4011.07
name Elan_91 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.07
name Elan_91 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.07
name Elan_91 server-atm-address
47.00918100000000E014CB4101.006083DA4011.07
name Elan_125 server-atm-address
47.00918100000000E014CB3701.006083DA4011.08
name Elan_125 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.08
name Elan_125 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.08
name Elan_125 server-atm-address
47.00918100000000E014CB4101.006083DA4011.08
name Elan_128_140 server-atm-address
47.00918100000000E014CB3701.006083DA4011.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.09
name Elan_128_140 server-atm-address
47.00918100000000E014CB4101.006083DA4011.09
name Elan_130 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0A
name Elan_130 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0A
name Elan_130 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0A
name Elan_130 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0A
name Elan_133_6 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0C
name Elan_133_6 server-atm-address

```
47.00918100000000E014CB3701.00605C05BE11.0C
  name Elan_133_6 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0C
  name Elan_133_6 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0C
  name Elan_136 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0D
  name Elan_136 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0D
  name Elan_136 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0D
  name Elan_136 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0D
  name Elan_138 server-atm-address
47.00918100000000E014CB3701.006083DA4011.0E
  name Elan_138 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.0E
  name Elan_138 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.0E
  name Elan_138 server-atm-address
47.00918100000000E014CB4101.006083DA4011.0E
  name Elan_135 server-atm-address
47.00918100000000E014CB3701.006083DA4011.11
  name Elan_135 server-atm-address
47.00918100000000E014CB3701.00605C05BE11.11
  name Elan_135 server-atm-address
47.00918100000000E014CB4101.00605C05BE11.11
  name Elan_135 server-atm-address
47.00918100000000E014CB4101.006083DA4011.11
!
interface ATM0
  atm preferred phy A
  atm pvc 1 0 5 qsaal
  atm pvc 2 0 16 ilmi
  lane config auto-config-atm-address
  lane config database sbs-elanbase
!
interface ATM0.1 multipoint
  lane server-bus ethernet default
  lane client ethernet 1 default
!
interface ATM0.2 multipoint
  lane server-bus ethernet Elan_13_131
  lane client ethernet 2 Elan_13_131
!
interface ATM0.3 multipoint
  lane server-bus ethernet Elan_126_23
  lane client ethernet 3 Elan_126_23
!
interface ATM0.4 multipoint
  lane server-bus ethernet Elan_31
  lane client ethernet 4 Elan_31
!
interface ATM0.5 multipoint
  lane server-bus ethernet Elan_50
  lane client ethernet 5 Elan_50
!
interface ATM0.6 multipoint
  lane server-bus ethernet Elan_51
  lane client ethernet 6 Elan_51
!
interface ATM0.7 multipoint
  lane server-bus ethernet Elan_91
  lane client ethernet 7 Elan_91
```



```
!  
interface ATM0.8 multipoint  
  lane server-bus ethernet Elan_125  
  lane client ethernet 8 Elan_125  
!  
interface ATM0.9 multipoint  
  lane server-bus ethernet Elan_128_140  
  lane client ethernet 9 Elan_128_140  
!  
interface ATM0.10 multipoint  
  lane server-bus ethernet Elan_130  
  lane client ethernet 10 Elan_130  
!  
interface ATM0.11 multipoint  
  lane server-bus ethernet Elan_132  
  lane client ethernet 11 Elan_132  
!  
interface ATM0.12 multipoint  
  lane server-bus ethernet Elan_133_6  
  lane client ethernet 12 Elan_133_6  
!  
interface ATM0.13 multipoint  
  lane server-bus ethernet Elan_136  
  lane client ethernet 13 Elan_136  
!  
interface ATM0.14 multipoint  
  lane server-bus ethernet Elan_138  
  lane client ethernet 14 Elan_138  
!  
interface ATM0.17 multipoint  
  lane server-bus ethernet Elan_135  
  lane client ethernet 17 Elan_135  
!  
logging trap errors  
!  
line con 0  
line vty 0 4  
  no login  
!  
end
```

LS1010#1

Current configuration:

```
!  
! No configuration change since last restart  
!  
no service pad  
service timestamps debug datetime  
service timestamps log datetime  
service udp-small-servers  
service tcp-small-servers  
!  
hostname LS1010#1  
!  
clock calendar-valid  
enable password cisco  
!  
ip host-routing  
no ip domain-lookup  
atm lecs-address-default  
47.0091.8100.0000.00e0.14cb.3701.0060.5c05.be13.00 1  
atm lecs-address-default  
47.0091.8100.0000.00e0.14cb.3701.0060.83da.4013.00 2  
atm lecs-address-default
```

```
47.0091.8100.0000.00e0.14cb.4101.0060.5c05.be13.00 3
atm lecs-address-default
47.0091.8100.0000.00e0.14cb.4101.0060.83da.4013.00 4
atm address
47.0091.8100.0000.00e0.14cb.3701.00e0.14cb.3701.00
atm router pnni
  node 1 level 56 lowest
  redistribute atm-static
!
!
interface ATM0/0/0
  no keepalive
!
interface ATM0/0/1
  no keepalive
!
interface ATM0/0/2
  no keepalive
!
interface ATM0/0/3
  no keepalive
!
interface ATM2/0/0
  ip address
  atm maxvp-number 0
  lane client ethernet default
!
interface Ethernet2/0/0
  no ip address
  shutdown
!
ip default-gateway
no ip classless
logging buffered
logging trap debugging
!
line con 0
  password cisco
  login
line aux 0
line vty 0 4
  exec-timeout 30 30
  password cisco
  login
!
end
```

LS1010#2

```
Current configuration:
!
! No configuration change since last restart
!
no service pad
service timestamps debug datetime
service timestamps log datetime
service udp-small-servers
service tcp-small-servers
!
hostname LS1010#2
!
clock calendar-valid
enable password cisco
!
ip host-routing
```

```
no ip domain-lookup
atm lecs-address-default
47.0091.8100.0000.00e0.14cb.3701.0060.5c05.be13.00 1
atm lecs-address-default
47.0091.8100.0000.00e0.14cb.3701.0060.83da.4013.00 2
atm lecs-address-default
47.0091.8100.0000.00e0.14cb.4101.0060.5c05.be13.00 3
atm lecs-address-default
47.0091.8100.0000.00e0.14cb.4101.0060.83da.4013.00 4
atm address
47.0091.8100.0000.00e0.14cb.4101.00e0.14cb.4101.00
atm router pnni
  node 1 level 56 lowest
  redistribute atm-static
!
!
interface ATM0/0/0
  no keepalive
!
interface ATM0/0/1
  no keepalive
!
interface ATM0/0/2
  no keepalive
!
interface ATM0/0/3
  no keepalive
!
interface ATM2/0/0
  ip address
  atm maxvp-number 0
  lane client ethernet default
!
interface Ethernet2/0/0
  no ip address
  shutdown
!
ip default-gateway
no ip classless
logging buffered
logging trap debugging
!
line con 0
  password cisco
  login
line aux 0
line vty 0 4
  password cisco
  login
!
end
```

Проверка

В этом разделе содержатся сведения, которые помогают убедиться в надлежащей работе конфигурации.

Некоторые команды show поддерживаются Средством интерпретации выходных данных(только зарегистрированные клиенты), которое позволяет просматривать аналитику выходных данных команды show.

- [show lane client](#)
- [show lane server](#)
- [show lane database](#)
- [show lane config](#)

Устранение неполадок

Для этой конфигурации в настоящее время нет сведений об устранении проблем.

Дополнительные сведения

- [ATM - ЛИНИЯ быстро простой протокол избыточности сервера](#)
- [Рекомендации по структуре LANE](#)
- [Поддержка технологии LANE](#)
- [Поддержка технологии ATM](#)
- [Cisco Systems – техническая поддержка и документация](#)