

Configuración avanzada de LANE: SSRP con PHY Dual

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[Introducción](#)

El objetivo de este documento es describir una red redundante del ATM LAN Emulation (LANE) usando los módulos del Simple Server Redundancy Protocol (SSRP) para el Cisco Catalyst 5000. El SSRP se soporta en estos componentes:

- Versión 3.1 y posterior del módulo LANE del Cisco Catalyst
- Versión 11.2 y posterior del Cisco lightstream 1010
- Software Release 11.2 y Posterior de Cisco IOS®

[prerrequisitos](#)

[Requisitos](#)

No hay requisitos específicos para este documento.

[Componentes Utilizados](#)

La información en este documento se basa en el Cisco Catalyst 5000.

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Convenciones

Para obtener más información sobre las convenciones del documento, consulte [Convenciones de Consejos Técnicos de Cisco](#).

Configurar

En esta sección encontrará la información para configurar las funciones descritas en este documento.

Nota: Para obtener información adicional sobre los comandos que se utilizan en este documento, use la Command Lookup Tool (solo para clientes [registrados](#)).

Diagrama de la red

En este documento, se utiliza esta configuración de red:

Nota: Porque el prefijo atmósfera cambia con el Switch conectado con, el ATM Address del los cambios del LAN Emulation Server (LES) si está movido desde PhyA a PhyB. Por lo tanto, usted necesita dos direccionamientos LES en la base de datos del LAN Emulation Configuration Server (LECS) para cada LES que reside en un módulo LANE. Porque hay dos LESe redundantes (uno en cada uno de los módulos LANE), cuatro líneas se necesitan en la base de datos LECS para cada uno LAN emulada (ELAN).

Esta configuración avanzada muestra un ejemplo de una configuración grande con muchos ELAN, pues puede ser encontrado típicamente en las redes en funcionamiento. El LECS configurado aquí no escuchará el ATM Address bien conocido. (Por ejemplo, no se configuran con el **comando lane config fixed-config-atm-address**.)

Nota: Las ubicaciones de los diversos servicios mostrados en este documento no pudieron ser óptimas. Antes de implementar tal configuración en una red en funcionamiento, revise por favor las [recomendaciones de diseño de LANe](#).

Configuraciones

En este documento, se utilizan estas configuraciones:

- [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
```

Verificación

En esta sección encontrará información que puede utilizar para confirmar que su configuración esté funcionando correctamente.

La herramienta [Output Interpreter](#) (sólo para clientes [registrados](#)) permite utilizar algunos comandos “show” y ver un análisis del resultado de estos comandos.

- [muestre al cliente LANE](#)
- [muestre al servidor lane](#)
- [muestre la base de datos del carril](#)
- [muestre el lane config](#)

Troubleshooting

Actualmente, no hay información específica de troubleshooting disponible para esta configuración.

Información Relacionada

- [Protocolo fast simple server redundancy LANE ATM](#)
- [Recomendaciones en cuanto al diseño de LANE](#)
- [Soporte de tecnología LANE](#)
- [Soporte de tecnología ATM](#)
- [Soporte Técnico y Documentación - Cisco Systems](#)