

# Instalação avançada de LANE – SSRP com Phy Dual

## Índice

[Introdução](#)

[Pré-requisitos](#)

[Requisitos](#)

[Componentes Utilizados](#)

[Convenções](#)

[Configurar](#)

[Diagrama de Rede](#)

[Configurações](#)

[Verificar](#)

[Troubleshooting](#)

[Informações Relacionadas](#)

## [Introdução](#)

O objetivo deste documento é descrever uma rede redundante da ATM LAN emulation (LANE) usando os módulos do Simple Server Redundancy Protocol (SSRP) para o Cisco catalyst 5000. O SSRP é apoiado nestes componentes:

- Versão 3.1 e mais recente do módulo LANE do Cisco catalyst
- Versão 11.2 e mais recente do Cisco lightstream 1010
- Software Release 11.2 e Mais Recente de Cisco IOS®

## [Pré-requisitos](#)

### [Requisitos](#)

Não existem requisitos específicos para este documento.

### [Componentes Utilizados](#)

A informação neste documento é baseada no Cisco catalyst 5000.

As informações neste documento foram criadas a partir de dispositivos em um ambiente de laboratório específico. Todos os dispositivos utilizados neste documento foram iniciados com uma configuração (padrão) inicial. Se a sua rede estiver ativa, certifique-se de que entende o impacto potencial de qualquer comando.

## Convenções

Para obter mais informações sobre convenções de documento, consulte as [Convenções de dicas técnicas Cisco](#).

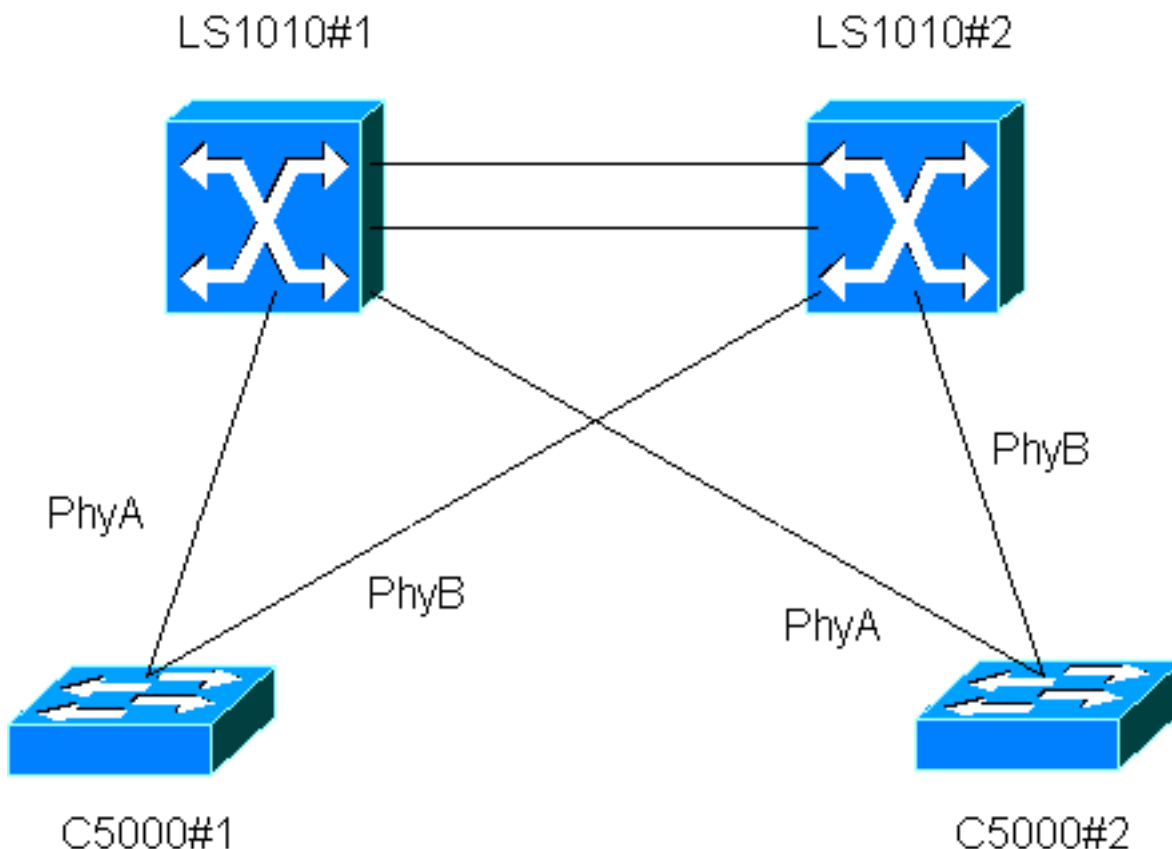
## Configurar

Nesta seção, você encontrará informações para configurar os recursos descritos neste documento.

**Nota:** Para localizar informações adicionais sobre os comandos usados neste documento, utilize a Ferramenta Command Lookup (somente clientes [registrados](#)).

## Diagrama de Rede

Este documento utiliza a seguinte configuração de rede:



**Nota:** Porque o prefixo ATM muda com o interruptor conectado a, o endereço ATM de mudanças de um servidor de LAN Emulation (LES) se movido de PhyA a PhyB. Consequentemente, você precisa dois endereços LES no base de dados de servidor de configuração de LAN Emulation (LECS) para cada LES que reside em um módulo LANE. Porque há dois LESe redundantes (um em cada um dos módulos LANE), quatro linhas são precisadas no base de dados LECS para cada LAN simulada (ELAN).

Esta configuração avançada mostra um exemplo de uma grande instalação com muitos ELAN, porque se pode tipicamente encontrar nas redes vivas. O LECS configurado aqui não estará escutando o endereço ATM conhecido. (Por exemplo, não são configurados com o **comando lane**

config fixed-config-atm-address.)

**Nota:** Os lugar dos vários serviços mostrados neste documento não puderam ser ótimos. Antes de executar tal configuração em uma rede viva, reveja por favor as [recomendações de projeto da pista](#).

## Configurações

Este documento utiliza as seguintes configurações:

- [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\_13l 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 Øus 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 7 0060.5c05.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 Øùs 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.OA 2 441  
64 47.00918100000000E014CB4101.006083BE8C10.OA 3 435 64  
47.00918100000000E014CB4101.006083D57410.OA 4 438 2425  
47.00918100000000E014CB4101.00605C328610.OA 5 439 59 47.00918100000000E014CB4101.006083BF0810.OA  
6 511 64 47.00918100000000E014CB4101.006009B6D710.OA 7 508 64  
47.00918100000000E014CB4101.006083DA4010.OA 8 505 3782  
47.00918100000000E014CB4101.00602F84CA20.OA 9 576 63 47.00918100000000E014CB3701.00605C05BE10.OA  
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.OA VCD rxFrames  
txFrames Type ATM Address 0 0 0 configure 47.00918100000000E014CB3701.00605C05BE13.00 490 1 2  
direct 47.00918100000000E014CB3701.00605C05BE11.OA 557 107 0 distribute  
47.00918100000000E014CB3701.00605C05BE11.OA 582 0 63 send  
47.00918100000000E014CB3701.00605C05BE12.OA 592 6536 0 forward  
47.00918100000000E014CB3701.00605C05BE12.OA 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
```

## Verificar

Esta seção fornece informações que você pode usar para confirmar se sua configuração está funcionando adequadamente.

A [Output Interpreter Tool \(somente clientes registrados\)](#) oferece suporte a determinados comandos show, o que permite exibir uma análise da saída do comando show.

- [mostre o cliente LANE](#)
- [mostre o servidor LANE](#)
- [mostre o base de dados da pista](#)
- [mostre a configuração de pista](#)

## Troubleshooting

Atualmente, não existem informações disponíveis específicas sobre Troubleshooting para esta configuração.

## Informações Relacionadas

- [Protocolo fast simple server redundancy do LANE ATM](#)
- [Recomendações de projeto LANE](#)
- [Suporte por tecnologia LANE](#)
- [Apoio de tecnologia ATM](#)
- [Suporte Técnico e Documentação - Cisco Systems](#)