

Configuration du laboratoire par accès téléphonique (San Jose, États-Unis)

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Introduction

Ce document fournit la configuration actuelle de l'AS5300 dans les travaux pratiques de numérotation à San Jose, États-Unis. Ce serveur comporte 24 modems Microcom et 60 modems MICA qui peuvent être utilisés pour tester le fonctionnement de votre modem client.

Conditions préalables

Conditions requises

Aucune spécification déterminée n'est requise pour ce document.

Components Used

Modems MICA/Microcom/NextPort qui exécutent les codes V.34, V.90 et V.92.

Conventions

Pour plus d'informations sur les conventions utilisées dans ce document, reportez-vous à [Conventions relatives aux conseils techniques Cisco](#).

Configuration

Voici la configuration de l'AS5300 dans les travaux pratiques de connexion à distance de San Jose :

```
access-3#wr t
Building configuration...
```

Current configuration:

```
!  
version 11.3  
no service pad  
service tcp-keepalives-in  
service tcp-keepalives-out  
service timestamps debug datetime msec  
service timestamps log datetime msec  
service password-encryption  
service linenumbers  
!  
hostname access-3  
!  
aaa new-model  
aaa authentication login default local  
aaa authentication login console none  
aaa authentication login use-tacacs local tacacs+  
aaa authentication enable default enable  
aaa authentication ppp default if-needed local tacacs+  
aaa authentication arap default local  
aaa authorization exec default none  
aaa authorization exec console none  
aaa authorization network default local  
aaa accounting exec default stop-only tacacs+  
aaa accounting network default stop-only tacacs+  
aaa accounting system default stop-only tacacs+  
enable secret 5 $1$oMKx$kPcoplzxpka8fkxXBWp21  
!  
username cisco password *****  
username callback callback-dialstring " password *****  
!  
modem-pool microcom_v90_dialin  
  pool-range 1-6  
  called-number 4085703930 max-conn 6  
modem-pool microcom_k56flex_dialin  
  pool-range 7-12  
  called-number 4085703931 max-conn 6  
modem-pool mica_v90_dialin  
  pool-range 25-54  
  called-number 4085703932 max-conn 30  
modem-pool mica_k56flex_dialin  
  pool-range 55-84  
  called-number 4085703933 max-conn 30  
modem-pool microcom_v34_dialin  
  pool-range 13-24  
  called-number 4085703934 max-conn 12  
modem call-record terse  
modem recovery threshold 50  
modem buffer-size 250  
ip nat pool global_pool 172.16.24.121 172.16.24.126 netmask  
255.255.255.240  
ip nat inside source list 101 pool global_pool overload  
no ip finger  
no ip domain-lookup  
ip host publinux 172.16.24.117  
ip host dialin-test 172.16.24.118  
ip domain-name cisco.com  
ip name-server 172.16.24.117  
multilink virtual-template 1  
virtual-profile virtual-template 1  
rlogin trusted-remoteuser-source local  
rlogin trusted-localuser-source local  
appletalk routing
```

```
ipx routing 00e0.1e81.636c
isdn switch-type primary-ni
clock timezone PST -8
clock summer-time PDT recurring
!
!
controller T1 0
 framing esf
 clock source line primary
 linecode b8zs
 pri-group timeslots 1-24
 description 408-570-3930 (666-2300)
!
controller T1 1
 shutdown
 clock source line secondary
!
controller T1 2
 shutdown
 clock source internal
!
controller T1 3
 shutdown
 clock source internal
!
!
interface Loopback0
 ip address 10.1.1.1 255.255.255.0
 ipx network CE2
!
interface Ethernet0
 ip address 172.16.24.116 255.255.255.240
 ip nat outside
 no ip mroute-cache
 appletalk cable-range 666-666 666.90
 appletalk zone NeverNeverLand
 ipx network CE
 ipx type-20-propagation
 netbios nbf
!
interface Virtual-Templatel
 ip unnumbered Loopback0
 ip helper-address 172.16.24.118
 ip tcp header-compression passive
 no keepalive
 appletalk client-mode
 ipx ppp-client Loopback0
 ipx update interval rip passive
 ipx update interval sap passive
 ipx type-20-propagation
 peer default ip address pool default
 compress mppc
 ppp authentication chap pap
 ppp multilink
 multilink max-links 2
 netbios nbf
!
interface Serial0:23
 ip unnumbered Loopback0
 encapsulation ppp
 ip mroute-cache
 no keepalive
 dialer-group 1
 isdn switch-type primary-5ess
```

```
isdn incoming-voice modem
no peer default ip address
no fair-queue
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
!
interface FastEthernet0
no ip address
no ip mroute-cache
shutdown
!
interface Group-Async1
description Microcom V.90 modems
ip unnumbered Loopback0
ip nat inside
encapsulation ppp
async mode interactive
no peer default ip address
no fair-queue
no cdp enable
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
group-range 1 6
hold-queue 10 in
!
interface Group-Async2
description Microcom K56flex modems
ip unnumbered Loopback0
ip nat inside
encapsulation ppp
async mode interactive
no peer default ip address
no fair-queue
no cdp enable
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
group-range 7 12
hold-queue 10 in
!
interface Group-Async3
description MICA V.90 modems
ip unnumbered Loopback0
ip nat inside
encapsulation ppp
async mode interactive
no peer default ip address
no fair-queue
no cdp enable
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
group-range 25 54
!
interface Group-Async4
description MICA K56flex modems
ip unnumbered Loopback0
ip nat inside
encapsulation ppp
async mode interactive
no peer default ip address
no fair-queue
```

```
no cdp enable
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
group-range 55 84
!
interface Group-Async5
description Microcom V.34 modems
ip unnumbered Loopback0
ip nat inside
encapsulation ppp
async mode interactive
no peer default ip address
no fair-queue
no cdp enable
ppp max-bad-auth 3
ppp authentication chap pap
ppp multilink
group-range 13 24
!
ip local pool default 10.1.1.2 10.1.1.254
ip default-gateway 172.16.24.113
ip classless
no ip forward-protocol udp bootpc
no ip forward-protocol udp tftp
no ip forward-protocol udp nameserver
no ip forward-protocol udp domain
no ip forward-protocol udp time
no ip forward-protocol udp tacacs
ip route 0.0.0.0 0.0.0.0 172.16.24.113
ip http server
!
no logging buffered
no logging console
access-list 1 permit 171.68.0.0 0.3.255.255
access-list 101 permit ip 10.0.0.0 0.255.255.255 172.16.24.112
0.0.0.15
dialer-list 1 protocol ip permit
!
!
!
!
tacacs-server host 172.16.24.117
tacacs-server key cisco
banner motd ^CC
```

Welcome! Please login with username cisco, password
cisco, and type the appropriate commands for your test:

```
ppp - to start ppp
slip - to start slip
arap - to start arap
```

Please e-mail comments about this service to dpeng@cisco.com.

```
^C
privilege exec level 0 modem at-mode
privilege exec level 0 modem
privilege exec level 0 arap
privilege exec level 0 telnet
privilege exec level 0 rlogin
privilege exec level 0 ppp negotiate
privilege exec level 0 ppp default
privilege exec level 0 ppp
```

```
privilege exec level 0 slip negotiate
privilege exec level 0 slip default
privilege exec level 0 slip
privilege exec level 0 terminal monitor
privilege exec level 0 terminal
privilege exec level 0 show line
privilege exec level 0 show isdn status
privilege exec level 0 show isdn service
privilege exec level 0 show isdn
privilege exec level 0 show modem connect-speeds
privilege exec level 0 show modem log
privilege exec level 0 show modem operational-status
privilege exec level 0 show modem configuration
privilege exec level 0 show modem csm
privilege exec level 0 show modem summary
privilege exec level 0 show modem version
privilege exec level 0 show modem call-stats
privilege exec level 0 show modem
privilege exec level 0 show version
privilege exec level 0 show controllers t1
privilege exec level 0 show controllers
privilege exec level 0 show users
privilege exec level 0 show interfaces
privilege exec level 0 show
privilege exec level 0 debug dhcp
privilege exec level 0 debug radius
privilege exec level 0 debug callback
privilege exec level 0 debug vtemplate
privilege exec level 0 debug isdn q931
privilege exec level 0 debug isdn
privilege exec level 0 debug tacacs
privilege exec level 0 debug ppp cbcp
privilege exec level 0 debug ppp authentication
privilege exec level 0 debug ppp mppc
privilege exec level 0 debug ppp error
privilege exec level 0 debug ppp negotiation
privilege exec level 0 debug ppp multilink fragments
privilege exec level 0 debug ppp multilink
privilege exec level 0 debug ppp
privilege exec level 0 debug ip icmp
privilege exec level 0 debug ip
privilege exec level 0 debug aaa per-user
privilege exec level 0 debug aaa accounting
privilege exec level 0 debug aaa authorization
privilege exec level 0 debug aaa authentication
privilege exec level 0 debug aaa
privilege exec level 0 debug modem csm
privilege exec level 0 debug modem
privilege exec level 0 debug
!
line con 0
  exec-timeout 0 0
  authorization exec console
  login authentication console
  transport input none
line 1 24
  access-class 1 in
  autoselect arap
  autoselect during-login
  autoselect ppp
  arap enable
  modem InOut
  rotary 1
  transport input all
```

```
escape-character BREAK
line 25 84
access-class 1 in
autoselect arap
autoselect during-login
autoselect ppp
arap enable
modem InOut
rotary 2
transport input all
escape-character BREAK
line aux 0
line vty 0 4
exec-timeout 60 0
access-class 1 in
line vty 5 19
exec-timeout 60 0
access-class 1 in
!
end
```

[Informations connexes](#)

- [Test du routage DDR asynchrone dans le laboratoire d'accès entrant de San Jose](#)
- [Laboratoire par accès téléphonique \(San Jose, États-Unis\)](#)
- [Dépannage des connexions commutées](#)
- [Mise en oeuvre RAS de la passerelle](#)
- [Guide de connexion modem-routeur](#)
- [Support et documentation techniques - Cisco Systems](#)