

Customer Dial-in Lab (San Jose, USA) Configuration

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Introduction

This document provides the current configuration of the AS5300 in the San Jose, USA dial-in lab. This server has 24 Microcom and 60 MICA modems that can be used to test how your client modem performs.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

MICA/Microcom/NextPort modems that run V.34, V.90, and V.92 codes.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Configuration

This is the AS5300 configuration in the San Jose dial-in lab:

```
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 linenumber
!
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$0MKx$kPcoplzxxkpxa8fkxXBWp21  
!  
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-Templat1
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
```

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