고객 전화 접속 실습(미국 산호세) 구성

목차

소개

이 문서에서는 미국 San Jose Dial-in Lab의 AS5300의 현재 컨피그레이션을 제공합니다.이 서버에는 클라이언트 모뎀의 작동 방식을 테스트하는 데 사용할 수 있는 24개의 Microcom 및 60개의 MICA 모뎀이 있습니다.

사전 요구 사항

요구 사항

이 문서에 대한 특정 요건이 없습니다.

사용되는 구성 요소

V.34, V.90 및 V.92 코드를 실행하는 MICA/Microcom/NextPort 모뎀

표기 규칙

문서 규칙에 대한 자세한 내용은 [Cisco 기술 팁 표기 규칙을 참고하십시오.](#)

구성

다음은 San Jose Dial-in Lab의 AS5300 구성입니다.

```
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 $1$oMKx$kPcop1zxkpxa8fkxXBWp21
!
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-Template1
 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
```

관련 정보

- [San Jose Dial-in Lab에 비동기 DDR 테스트](#)
- [고객 전화 접속 실습(미국 산호세)](#)
- [전화 접속 연결 문제 해결](#)
- [게이트웨이 RAS 구현](#)
- [모뎀-라우터 연결 가이드](#)
- [기술 지원 및 문서 – Cisco Systems](#)