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## 简介

本文提供位于San Jose，USA拨入实验室的AS5300的当前配置。此服务器有24 Microcom和60个MICA调制解调器，可以用于测试您的客户端调制解调器如何执行。

## 先决条件

### 要求

本文档没有任何特定的要求。

### 使用的组件

运行V. 34、V. 90和V. 92代码的MICA/Microcom/NextPort调制解调器。

### 规则

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

## 配置

这是在San Jose拨入实验室的AS5300配置：

```
access-3#wr tBuilding 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 line-number!  
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  
aaa accounting network default stop-only tacacs+aaa  
aaa accounting system default stop-only tacacs+  
enable  
secret 5 $1$oMKx$kPcop1zxxkpxa8fkxxBWP21!  
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 1rlogin trusted-remoteuser-source localrlogin trusted-localuser-source
localappletalk routingipx routing 00e0.1e81.636cisdn switch-type primary-niclock timezone PST -8clock
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
10.1.1.254ip default-gateway 172.16.24.113ip classlessno ip forward-protocol udp bootpcno ip forward-
protocol udp tftpno ip forward-protocol udp nameserverno ip forward-protocol udp domainno ip forward-
protocol udp timeno ip forward-protocol udp tacacsip route 0.0.0.0 0.0.0.0 172.16.24.113ip http server!no
logging bufferedno logging consoleaccess-list 1 permit 171.68.0.0 0.3.255.255access-list 101 permit ip
10.0.0.0 0.255.255.255 172.16.24.1120.0.0.15dialer-list 1 protocol ip permit!!!!tacacs-server host
172.16.24.117tacacs-server key ciscobanner motd ^CWelcome! Please login with username cisco,
passwordcisco, and type the appropriate commands for your test:          ppp - to start ppp          slip -
to start slip          arap - to start arapPlease e-mail comments about this service to
dpeng@cisco.com.^Cprivilege exec level 0 modem at-modeprivilege exec level 0 modemprivilege exec level 0
araprivilege exec level 0 telnetprivilege exec level 0 rloginprivilege exec level 0 ppp
negotiateprivilege exec level 0 ppp defaultprivilege exec level 0 pppprivilege exec level 0 slip
negotiateprivilege exec level 0 slip defaultprivilege exec level 0 slipprivilege exec level 0 terminal
monitorprivilege exec level 0 terminalprivilege exec level 0 show lineprivilege exec level 0 show isdn
statusprivilege exec level 0 show isdn serviceprivilege exec level 0 show isdnprivilege exec level 0 show
modem connect-speedsprivilege exec level 0 show modem logprivilege exec level 0 show modem operational-
statusprivilege exec level 0 show modem configurationprivilege exec level 0 show modem csmprivilege exec
level 0 show modem summaryprivilege exec level 0 show modem versionprivilege exec level 0 show modem
call-statsprivilege exec level 0 show modemprivilege exec level 0 show versionprivilege exec level 0 show
controllers t1privilege exec level 0 show controllersprivilege exec level 0 show usersprivilege exec
level 0 show interfacesprivilege exec level 0 showprivilege exec level 0 debug dhcpprivilege exec level 0
debug radiusprivilege exec level 0 debug callbackprivilege exec level 0 debug vtemplateprivilege exec
level 0 debug isdn q931privilege exec level 0 debug isdnprivilege exec level 0 debug tacacsprivilege exec
level 0 debug ppp cbcprivilege exec level 0 debug ppp authenticationprivilege exec level 0 debug ppp
mppcprivilege exec level 0 debug ppp errorprivilege exec level 0 debug ppp negotiationprivilege exec
level 0 debug ppp multilink fragmentsprivilege exec level 0 debug ppp multilinkprivilege exec level 0
debug pppprivilege exec level 0 debug ip icmpprivilege exec level 0 debug ipprivilege exec level 0 debug
aaa per-userprivilege exec level 0 debug aaa accountingprivilege exec level 0 debug aaa
authorizationprivilege exec level 0 debug aaa authenticationprivilege exec level 0 debug aaaprivilege
exec level 0 debug modem csmprivilege exec level 0 debug modemprivilege exec level 0 debug!line con 0
exec-timeout 0 0 authorization exec console login authentication console transport input noneline 1 24
access-class 1 in autoselect arap autoselect during-login autoselect ppp arap enable modem InOut rotary 1
transport input all escape-character BREAKline 25 84 access-class 1 in autoselect arap autoselect during-
login autoselect ppp arap enable modem InOut rotary 2 transport input all escape-character BREAKline aux
0line vty 0 4 exec-timeout 60 0 access-class 1 inline vty 5 19 exec-timeout 60 0 access-class 1 in!end

```

## 相关信息

- [测试异步 DDR 到 San Jose 拨入实验室](#)
- [客户拨号实验室 \( 美国圣何塞 \)](#)
- [排除故障拨号连接](#)
- [网关RAS实施](#)
- [调制解调器与路由器连接指南](#)
- [技术支持和文档 - Cisco Systems](#)