

"Конфигурация лаборатория удаленного доступа клиента (Сан-Хосе, США)"

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Введение

Этот документ предоставляет текущую конфигурацию AS5300 в Сан-Хосе, лабораторной работе наборного (телефонный) доступа USA. На данном сервере установлены модемы 24 Microsom и 60 MICA, которые могут использоваться для проверки работы клиентского модема.

Предварительные условия

Требования

Для этого документа отсутствуют особые требования.

Используемые компоненты

Модемы MICA/Microsom/Nextport, которые выполняют V.34, V.90 и коды V.92.

Условные обозначения

[Дополнительные сведения об условных обозначениях см. в документе Условные обозначения технических терминов Cisco.](#)

!--- конфигурацию

Это - конфигурация AS5300 в лабораторной работе наборного (телефонный) доступа Сан-Хосе:

```
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 linenummer  
!  
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
```

[Дополнительные сведения](#)

- [Тестирование асинхронной маршрутизации вызовов по запросу в лаборатории удаленного доступа \(Сан-Хосе\)](#)
- [Лаборатория Customer Dial-in Lab \(Сан-Хосе, США\)](#)
- [Устранение проблем подключений удаленного доступа](#)
- [Реализация RAS шлюза](#)
- [Руководство по подключению модема с маршрутизатором](#)
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