Configuração de uma Interface T1 ou E1 para Chamadas Analógicas de Saída Usando o Comando modem dialout controller

Contents

Introduction

Esta configuração de exemplo ilustra como configurar uma interface T1 ou E1 para chamadas analógicas de saída com o comando **modem dialout controller**

Antes de Começar

Conventions

Para obter mais informações sobre convenções de documento, consulte as [Convenções de dicas técnicas Cisco](#).

Prerequisites

Não existem requisitos específicos para este documento.

Componentes Utilizados

As informações neste documento são baseadas nas versões de software e hardware abaixo.

- Software Cisco IOS® Release 12.1(5)T
- Cisco AS5300 com duas PRIs E1

Observação: o comando **modem dialout controller** foi introduzido no Cisco IOS Software Release 12.1(T). Recomendamos o software Cisco IOS Release 12.1(3)T ou mais novo para esta implementação. O comando **modem dialout controller dá suporte a várias interfaces, a partir do software IOS Release 12.1(5)T.** Por exemplo:

```
AS5300-3(config)#line 1 60
AS5300-3(config-line)#modem dialout controller t1 ?
 <0-7>  List of controllers to dial out

AS5300-3(config-line)#modem dialout controller t1 0,1,3
```

As informações neste documento foram criadas a partir de dispositivos em um ambiente de laboratório específico. All of the devices used in this document started with a cleared (default) configuration. Se você estiver trabalhando em uma rede ativa, certifique-se de que entende o impacto potencial de qualquer comando antes de utilizá-lo.

Overview

Para que as chamadas analógicas de saída usem determinada linha T1/E1, use o comando **modem dialout controller.** Esse comando é configurado no modo de configuração de linha; assim, os modems ficam limitados à interface T1/E1 especificada para qualquer chamada analógica de saída. Você poderá então configurar os comandos necessários de roteamento de discagem por demanda (DDR, dial on demand routing) na interface assíncrona (ou group-async) correspondente aos modems.

Nesta configuração de exemplo, um servidor de acesso à rede (NAS, network access server) Cisco AS5300 tem duas Interfaces de acesso básico (PRIs, Primary Rate Interfaces), cada uma mapeada para um Serviço de identificação de número discado (DNIS, Dialed Number Identification Service) diferente. Se um cliente disca 8210, a telco comuta a chamada para E1 0, e uma chamada para 8211 é comutada para E1 1. Essa configuração também usa pooling de modem para alocar modems com base nas mensagens do número chamado (DNIS) entregues pelo switch telco durante a configuração de chamada. Dessa forma, as chamadas para determinado número serão "respondidas" apenas por um modem que seja membro de um conjunto de modems específico. Como cada T1/E1 também está limitada a determinado número chamado, correlacionamos efetivamente um conjunto de modems a uma T1/E1 específica para chamadas recebidas.

Para demonstrar o cenário de discagem, o cliente solicita um retorno do servidor de acesso. O retorno é configurado localmente no servidor de acesso, mas os atributos do retorno também podem ser obtidos de um servidor de autenticação, autorização e auditoria (AAA, authentication, authorization, and accounting) RADIUS/TACACS+. Para uma chamada recebida em um número específico, a chamada é comutada para a T1 apropriada e respondida por um membro do conjunto de modems. Depois que o retorno é negociado, o servidor de acesso desconecta a chamada e um retorno é iniciado no mesmo modem. A discagem então é feita usando a interface T1 ou E1 especificada no comando **modem dialout controller.** Neste exemplo, a discagem é configurada para estar na mesma T1/E1 que a chamada recebida.
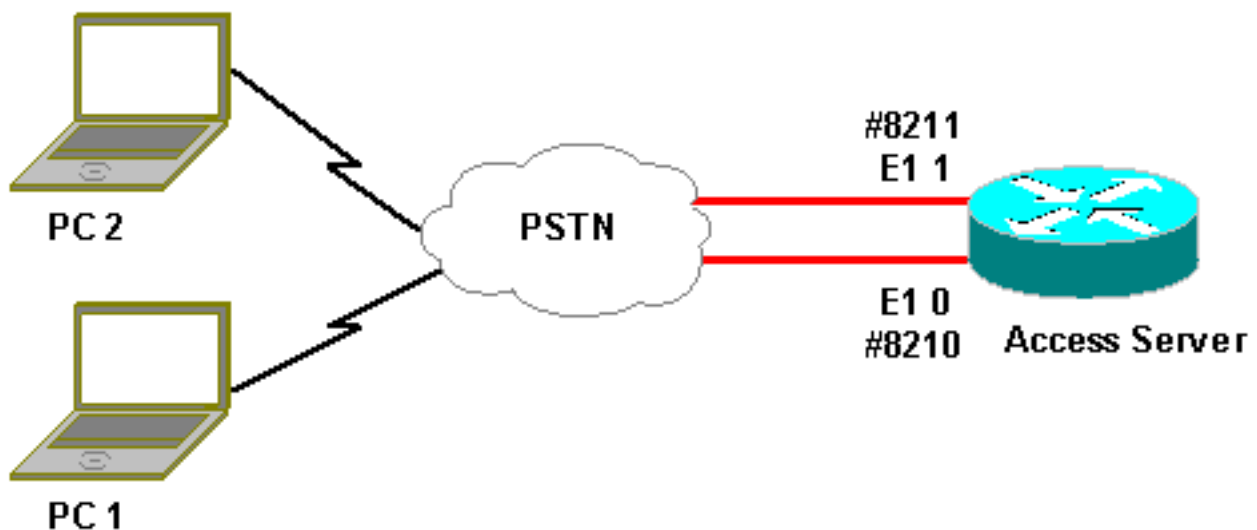
Configurar

Nesta seção, você encontrará informações para configurar os recursos descritos neste documento.

Observação: para encontrar informações adicionais sobre os comandos usados neste documento, use a ferramenta IOS Command Lookup (somente clientes registrados) .

Diagrama de Rede

Este documento utiliza a instalação de rede mostrada no diagrama abaixo.

Configurações

Este documento utiliza as configurações mostradas abaixo.

Configuração do Servidor de Acesso

```
Current configuration:

!
version 12.1
service timestamps debug datetime msec
service timestamps log uptime msec
no service password-encryption
!
hostname lala
!
logging rate-limit console 10 except errors
!
username testuser callback-dialstring 6036 password 0
test
!-- Access server calls back testuser at phone number
6036 !-- The callback parameters can also be configured
on a RADIUS/TACACS+ server. ! spe 1/0 1/9 firmware
location system:/ucode/mica_port_firmware spe 2/0 2/23
firmware location system:/ucode/microcom_firmware !
resource-pool disable ! modem-pool ModemPool8210 !--
Modem pool for calls to a specific phone number pool-
range 1-40 !-- The range of the modems in the pool !--
Modems 1 through 40 are included in this pool called-
```

```
number 8210 max-conn 40 !-- Specifies the DNIS to be
used for this modem pool !-- Incoming calls for phone
number 8210 are assigned to this pool ! modem-pool
ModemPool8211 pool-range 41-60,61-84 !-- The range of
the modems in the pool !-- Modems 41 through 84 are
included in this pool called-number 8211 max-conn 44 !--
Incoming calls for phone number 8211 are assigned to
this pool ! ip subnet-zero no ip finger ! isdn switch-
type primary-net5 chat-script mod ABORT ERROR ABORT BUSY
"" "AT" OK "ATDT \T" TIMEOUT 30 CONNECT \c !-- Chat
script for dialout ! controller E1 0 !-- DNIS number for
this E1 is 8210 clock source line primary pri-group
timeslots 1-31 ! controller E1 1 !-- DNIS number for
this E1 is 8211 clock source line secondary 1 pri-group
timeslots 1-31 ! controller E1 2 ! controller E1 3 ! !
interface Ethernet0 ip address 10.200.20.22
255.255.255.0 ! interface Serial0:15 !-- D-channel for
E1 0 !-- DNIS number for this PRI is 8210 description
PRI 8210 no ip address encapsulation ppp isdn switch-
type primary-net5 isdn incoming-voice modem !-- All
incoming voice calls on this E1 are sent to the modems !
interface Serial1:15 !-- D-channel for E1 1 !-- DNIS
number for this PRI is 8211 description PRI 8211 no ip
address encapsulation ppp isdn switch-type primary-net5
isdn incoming-voice modem !-- All incoming voice calls
on this E1 are sent to the modems ! interface Group-
Async1 ip unnumbered Ethernet0 encapsulation ppp async
mode interactive peer default ip address pool dialup !--
Assign IP address for incoming calls (with DNIS 8210)
from pool dialup ppp callback accept !-- Permit PPP
Callback ppp authentication chap group-range 1 40 !--
Interface includes modems 1 through 40 that are also in
ModemPool8210 ! interface Group-Async2 ip unnumbered
Ethernet0 encapsulation ppp async mode interactive peer
default ip address pool dialup2 !-- Assign IP address
for incoming calls (with DNIS 8211) from pool dialup2
ppp callback accept !-- Here we accept the callback ppp
authentication chap group-range 41 84 !-- Interface
includes modems 41 through 84 that are also in
ModemPool8211 ! ip local pool dialup 192.168.100.1
192.168.100.15 ip local pool dialup2 192.168.200.32
192.168.200.126 !-- Define the IP address ranges for the
2 pools ip classless no ip http server ! line con 0
exec-timeout 0 0 transport input none line 1 40 !-- Line
configuration for modems 1-40 !-- These modems are in
pool ModemPool8210 autoselect during-login autoselect
ppp script callback mod !-- Invoke chat script mod for
the callback login local modem InOut !-- Set the modems
for dialin and dialout modem dialout controller e1 0 !--
Outgoing call on these modems use e1 0 line 41 84 !--
Line configuration for modems 41-84 !-- These modems are
in pool ModemPool8210 autoselect during-login autoselect
ppp script callback mod !-- Invoke chat script mod for
the callback login local modem InOut modem dialout
controller e1 1 !-- Outgoing call on these modems use e1
1 line aux 0 line vty 0 4 ! end
```

Verificar

No momento, não há procedimento de verificação disponível para esta configuração.

Troubleshoot

Esta seção fornece informações que podem ser usadas para o troubleshooting da sua configuração.

Comandos para Troubleshooting

A Output Interpreter Tool (somente clientes registrados) oferece suporte a determinados comandos show, o que permite exibir uma análise da saída do comando show.

Observação: antes de emitir comandos **debug**, consulte Informações importantes sobre comandos debug.

- **debug isdn q931** - Mostra as configurações de chamada e o desligamento da conexão de rede ISDN (camada 3) entre o roteador e o Switch ISDN.
- **debug ppp negotiation** - Mostra informações sobre trocas e sobre o tráfego Point-to-Point Protocol (PPP) durante a negociação dos componentes PPP, incluindo o Link Control Protocol (LCP), a autenticação e o Network Control Protocol (NCP). Uma negociação PPP bem-sucedida abre primeiramente o estado LCP; em seguida, efetua a autenticação e, finalmente, negocia o NCP (geralmente o IP Control Protocol - IPCP).
- **debug ppp authentication** – Exibe mensagens de protocolo de autenticação PPP, incluindo intercâmbios de pacote de Protocolo de Autenticação de Desafio (CHAP) e intercâmbios de Protocolo de Autenticação de Senha (PAP).
- **debug chat** - Para monitorar a execução do script de bate-papo quando a discagem do serviço telefônico comum (POTS, plain old telephone service)/assíncrono é iniciada. Um script de bate-papo é um conjunto de pares de strings expect-send que definem o reconhecimento entre os dispositivos do equipamento de terminal de dados (DTE, data terminal equipment) e do equipamento de comunicação de dados (DCE, data communications equipment).
- **debug callback** - Mostra eventos de retorno quando o roteador está usando um modem e um script de bate-papo a ser retornado por uma linha do terminal.
- **debug dialer** - Mostra informações de debugação dos pacotes recebidos na interface do discador.
- **debug modem csm (não mostrado aqui)** - Mostra informações de debugação na máquina de estado de chamada usada para conectar chamadas no modem. Mostra como a chamada do modem é tratada pelo processo de gerenciamento do modem interno.

Exemplo de saída de depuração

Abaixo está a saída obtida com os comandos **debug mostrados acima.**

A saída mostra o cliente efetuando uma chamada para 8210. A chamada é comutada para E1 0 e atendida pelo modem 14 (Async 14), que é membro do conjunto ModemPool8210. A chamada estabelece a conexão, o PPP (e o retorno) é negociado, o cliente é autenticado e o AS5300 desconecta a chamada preparando o retorno. O roteador inicia então o retorno usando o mesmo modem (Async 14). Com o comando **modem dialout controller, a chamada usa E1 0 e a discagem é efetuada.**

Observação: algumas das linhas de depuração mais longas foram envolvidas para uma

impressão conveniente. As linhas que começam sem carimbo de hora/data são do final da linha anterior.

```
*Jan  1 05:00:43.018: ISDN Se0:15: RX <-  SETUP pd = 8  callref = 0x266A
!-- Incoming Call on E1 0
*Jan  1 05:00:43.018:          Sending Complete
*Jan  1 05:00:43.018:          Bearer Capability i = 0x9090A3
*Jan  1 05:00:43.018:          Channel ID i = 0xA18398
*Jan  1 05:00:43.022:          Progress Ind i = 0x8183
- Origination address is non-ISDN
*Jan  1 05:00:43.022:          Calling Party Number i = 0xA1, '6036',Plan:ISDN,
Type:National
*Jan  1 05:00:43.022:          Called Party Number i = 0x81, '210', Plan:ISDN,
Type:Unknown
```
!-- The called number (DNIS) for the incoming call is (8)210 *Jan 1 05:00:43.022: Locking Shift to Codeset 6 *Jan 1 05:00:43.022: Codeset 6 IE 0x28 i = 'Analog', 0x20, '36' *Jan 1 05:00:43.026: ISDN Se0:15: TX -> CALL_PROC pd = 8 callref =0xA66A *Jan 1 05:00:43.026: Channel ID i = 0xA98398 *Jan 1 05:00:43.030: ISDN Se0:15: TX -> ALERTING pd = 8 callref = 0xA66A *Jan 1 05:00:43.082: ISDN Se0:15: TX -> CONNECT pd = 8 callref = 0xA66A *Jan 1 05:00:43.146: ISDN Se0:15: RX <- CONNECT_ACK pd = 8 callref =0x266A *Jan 1 05:00:43.146: ISDN Se0:15: CALL_PROGRESS: CALL_CONNECTED call id0x63, bchan 23, dsl 0 *Jan 1 05:00:45: %ISDN-6-CONNECT: **Interface Serial0:23 is now connected to 6036**

!-- Call is connected *Jan 1 05:01:11.158: As14 LCP: I CONFREQ [Closed] id 1 len 50 *!-- PPP negotiation begins. Note that the call is on !-- Async 14, which is a member of the pool ModemPool8210* *Jan 1 05:01:11.158: As14 LCP: ACCM 0x00000000 (0x020600000000) *Jan 1 05:01:11.158: As14 LCP: MagicNumber 0x75D617D5 (0x050675D617D5) *Jan 1 05:01:11.158: As14 LCP: PFC (0x0702) *Jan 1 05:01:11.158: As14 LCP: ACFC (0x0802) *Jan 1 05:01:11.158: As14 LCP: Callback 6 (0x0D0306) *Jan 1 05:01:11.158: As14 LCP: MRRU 1614 (0x1104064E) *Jan 1 05:01:11.158: As14 LCP: EndpointDisc 1 Local *Jan 1 05:01:11.158: As14 LCP: (0x13170177DE54DA55A24ADD8043063898) *Jan 1 05:01:11.158: As14 LCP: (0x1C049700000000) *Jan 1 05:01:11.158: As14 LCP: Lower layer not up, Fast Starting *Jan 1 05:01:11.158: As14 PPP: Treating connection as a dedicated line *Jan 1 05:01:11.158: As14 PPP: Phase is ESTABLISHING, Active Open [0 sess,1 load] *Jan 1 05:01:11.158: As14 LCP: O CONFREQ [Closed] id 1 len 25 *Jan 1 05:01:11.158: As14 LCP: ACCM 0x000A0000 (0x0206000A0000) *Jan 1 05:01:11.158: As14 LCP: AuthProto CHAP (0x0305C22305) *Jan 1 05:01:11.158: As14 LCP: MagicNumber 0x118F14E6 (0x0506118F14E6) *Jan 1 05:01:11.158: As14 LCP: PFC (0x0702) *Jan 1 05:01:11.158: As14 LCP: ACFC (0x0802) *Jan 1 05:01:11.158: As14 LCP: O CONFREJ [REQsent] id 1 len 31 *Jan 1 05:01:11.158: As14 LCP: MRRU 1614 (0x1104064E) *Jan 1 05:01:11.158: As14 LCP: EndpointDisc 1 Local *Jan 1 05:01:11.158: As14 LCP: (0x13170177DE54DA55A24ADD8043063898) *Jan 1 05:01:11.162: As14 LCP: (0x1C049700000000) *Jan 1 05:01:13: %LINK-3-UPDOWN: **Interface Async14, changed state to up**

!-- Interface Async 14 is up *Jan 1 05:01:11.302: As14 LCP: I CONFACK [REQsent] id 1 len 25 *Jan 1 05:01:11.302: As14 LCP: ACCM 0x000A0000 (0x0206000A0000) *Jan 1 05:01:11.302: As14 LCP: AuthProto CHAP (0x0305C22305) *Jan 1 05:01:11.302: As14 LCP: MagicNumber 0x118F14E6 (0x0506118F14E6) *Jan 1 05:01:11.302: As14 LCP: PFC (0x0702) *Jan 1 05:01:11.302: As14 LCP: ACFC (0x0802) *Jan 1 05:01:11.302: As14 LCP: I CONFREQ [ACKrcvd] id 2 len 23 *Jan 1 05:01:11.302: As14 LCP: ACCM 0x00000000 (0x020600000000) *Jan 1 05:01:11.302: As14 LCP: MagicNumber 0x75D617D5 (0x050675D617D5) *Jan 1 05:01:11.302: As14 LCP: PFC (0x0702) *Jan 1 05:01:11.302: As14 LCP: ACFC (0x0802) *Jan 1 05:01:11.302: **As14 LCP: Callback 6 (0x0D0306)**

```
*Jan  1 05:01:11.302: As14 LCP: O CONFACK [ACKrcvd] id 2 len 23
*Jan  1 05:01:11.302: As14 LCP:    ACCM 0x00000000 (0x020600000000)
*Jan  1 05:01:11.302: As14 LCP:    MagicNumber 0x75D617D5 (0x050675D617D5)
*Jan  1 05:01:11.302: As14 LCP:    PFC (0x0702)
*Jan  1 05:01:11.302: As14 LCP:    ACFC (0x0802)
*Jan  1 05:01:11.302: As14 LCP:    Callback 6  (0x0D0306)
```
!-- Callback is negotiated *Jan 1 05:01:11.302: As14 LCP: State is Open *Jan 1 05:01:11.302: As14 PPP: Phase is AUTHENTICATING, by this end [0 sess, 1 load] *Jan 1 05:01:11.302: As14 CHAP: O CHALLENGE id 1 len 25 from "lala" *Jan 1 05:01:11.446: As14 LCP: I IDENTIFY [Open] id 3 len 18 magic 0x75D617D5 MSRASV5.00 *Jan 1 05:01:11.462: As14 LCP: I IDENTIFY [Open] id 4 len 28 magic 0x75D617D5 MSRAS-1-TESTPC-W2K *Jan 1 05:01:11.462: As14 CHAP: I RESPONSE id 1 len 29 from "testuser" *Jan 1 05:01:11.462: As14 **CHAP: O SUCCESS** id 1 len 4

!-- CHAP authentication is successful *Jan 1 05:01:11.462: As14 MCB: **User testuser Callback**

Number - Server 6036

!-- Number to be used for callback, configured locally in the username !-- command. The callback information can be off loaded to an AAA server. *Jan 1 05:01:11.462: Async14 PPP: O MCB Request(1) id 1 len 7 *Jan 1 05:01:11.462: Async14 MCB: O 1 1 0 7 3 3 0 *Jan 1 05:01:11.462: As14 MCB: O Request Id 1 Callback Type Server-Num delay 0 *Jan 1 05:01:11.462: As14 PPP: Phase is CBCP [0 sess, 1 load] *Jan 1 05:01:11.606: Async14 PPP: I MCB Response(2) id 1 len 7 *Jan 1 05:01:11.606: Async14 MCB: I 2 1 0 7 3 3 C *Jan 1 05:01:11.606: As14 MCB: Received response *Jan 1 05:01:11.606: As14 MCB: Response CBK-Server-Num 3 3 12 *Jan 1 05:01:11.606: Async14 PPP: O MCB Ack(3) id 2 len 7 *Jan 1 05:01:11.606: Async14 MCB: O 3 2 0 7 3 3 C *Jan 1 05:01:11.606: As14 MCB: O Ack Id 2 Callback Type Server-Num delay 12 *Jan 1 05:01:11.606: As14 MCB: Negotiated MCB with peer *Jan 1 05:01:11.734: As14 LCP: I TERMREQ [Open] id 5 len 16 (0x75D617D5003CCD7400000000) *Jan 1 05:01:11.734: As14 LCP: O TERMACK [Open] id 5 len 4 *Jan 1 05:01:11.734: As14 MCB: Peer terminating the link *Jan 1 05:01:11.734: As14 MCB: Link terminated by peer, Callback Needed *Jan 1 05:01:11.734: As14 MCB: Initiate Callback for testuser at 6036 using Async *Jan 1 05:01:11.734: As14 MCB: Async-callback in progress *Jan 1 05:01:11.734: As14 PPP: Phase is TERMINATING [0 sess, 1 load] *Jan 1 05:01:11.734: TTY14 Callback PPP process creation *Jan 1 05:01:11.734: TTY14: Callback script exists - no script creation necessary *Jan 1 05:01:11.734: TTY14 Callback process initiated, user: testuser dialstring 6036 *Jan 1 05:01:14: %ISDN-6-DISCONNECT: Interface Serial0:23 **disconnected** from 6036, call lasted 29 seconds

!-- Call is disconnected *Jan 1 05:01:12.386: ISDN Se0:15: TX -> DISCONNECT pd = 8 callref = 0xA66A *Jan 1 05:01:12.386: Cause i = 0x809F - Normal, unspecified *Jan 1 05:01:12.450: ISDN Se0:15: RX <- RELEASE pd = 8 callref = 0x266A *Jan 1 05:01:12.450: ISDN Se0:15: TX -> RELEASE_COMP pd = 8 callref = 0xA66A *Jan 1 05:01:13.734: As14 LCP: TIMEout: State TERMsent *Jan 1 05:01:13.734: As14 LCP: State is Closed *Jan 1 05:01:13.734: As14 PPP: Phase is DOWN [0 sess, 1 load] *Jan 1 05:01:13.734: As14 PPP: Phase is ESTABLISHING, Passive Open [0 sess, 1 load] *Jan 1 05:01:13.734: As14 LCP: State is Listen *Jan 1 05:01:16: %LINK-5-CHANGED: Interface Async14, changed state to reset *Jan 1 05:01:14.734: As14 LCP: State is Closed *Jan 1 05:01:14.734: As14 PPP: Phase is DOWN [0 sess, 1 load] *Jan 1 05:01:17.734: As14 IPCP: Remove route to 192.168.100.13 *Jan 1 05:01:17.734: TTY14 Callback forced wait = 4 seconds *Jan 1 05:01:21: %LINK-3-UPDOWN: Interface Async14, changed state to down *Jan 1 05:01:19.734: As14 LCP: State is Closed *Jan 1 05:01:21.766: CHAT14: Matched chat script mod to string mod *Jan 1 05:01:21.766: CHAT14: Asserting DTR *Jan 1 05:01:21.766: CHAT14: **Chat script mod started**

!-- Callback chatscript mod is started *Jan 1 05:01:21.766: CHAT14: Sending string: ATZ *Jan 1 05:01:21.766: CHAT14: Expecting string: OK *Jan 1 05:01:21.814: CHAT14: Completed match for expect: OK *Jan 1 05:01:21.814: CHAT14: Sending string: ATDT \T<6036> *!-- Dial 6036 per the callback configuration* *Jan 1 05:01:21.814: CHAT14: Expecting string: CONNECT *Jan 1 05:01:21.902: ISDN **Se0:15: TX -> SETUP** pd = 8 callref = 0x0008

!-- The outgoing call uses E1 0 as per the modem dialout controller !-- command for modem 14. *Jan 1 05:01:21.902: Bearer Capability i = 0x8090A3 *Jan 1 05:01:21.902: Channel ID i = 0xA9839F *Jan 1 05:01:21.902: Progress Ind i = 0x8183 - Origination address is non-ISDN *Jan 1 05:01:21.902: Calling Party Number i = 0x80, '6036', Plan:Unknown, Type:Unknown *Jan 1 05:01:21.902: Called Party Number i = 0x80, '6036', Plan:Unknown, Type:Unknown *Jan 1 05:01:21.946: ISDN Se0:15: RX <- CALL_PROC pd = 8 callref = 0x8008 *Jan 1 05:01:21.946: Channel ID i = 0xA9839F *Jan 1 05:01:21.974: ISDN Se0:15: RX <- ALERTING pd = 8 callref = 0x8008 *Jan 1 05:01:28.958: ISDN Se0:15: RX <- CONNECT pd = 8 callref = 0x8008 *Jan 1 05:01:28.962: Progress Ind i = 0x8182 - Destination address is non-ISDN *Jan 1 05:01:28.962: Connected Number i = 0xA136303336 *Jan 1 05:01:28.962: Locking Shift to Codeset 6 *Jan 1 05:01:28.962: Codeset 6 IE 0x28 i = 'Analog', 0x20, '36' *Jan 1 05:01:31: %ISDN-6-CONNECT: Interface Serial0:30 is now connected to 6036 *Jan 1 05:01:28.966: ISDN Se0:15: TX -> CONNECT_ACK pd = 8 callref =0x0008 *Jan 1 05:01:41.562: CHAT14: Completed match for expect: CONNECT *Jan 1 05:01:41.566: CHAT14: Sending string: \c *Jan 1 05:01:41.566: CHAT14: Chat script mod finished, status = Success *Jan 1 05:01:41.598: TTY14: Callback starting PPP directly with Invalid auth info *Jan 1 05:01:41.642: As14 **LCP: I CONFREQ** [Closed] id 0 len 47

!-- PPP negotiation begins *Jan 1 05:01:41.646: As14 LCP: ACCM 0x00000000 (0x020600000000) *Jan 1 05:01:41.646: As14 LCP: MagicNumber 0x143F35CB (0x0506143F35CB) *Jan 1 05:01:41.646: As14 LCP: PFC (0x0702) *Jan 1 05:01:41.646: As14 LCP: ACFC (0x0802) *Jan 1 05:01:41.646: As14 LCP: MRRU 1614 (0x1104064E) *Jan 1 05:01:41.646: As14 LCP: EndpointDisc 1 Local *Jan 1 05:01:41.646: As14 LCP: (0x13170177DE54DA55A24ADD8043063898) *Jan 1 05:01:41.646: As14 LCP: (0x1C049700000000) *Jan 1 05:01:41.646: As14 LCP: Lower layer not up, Fast Starting *Jan 1 05:01:41.646: As14 PPP: Treating connection as a callout *Jan 1 05:01:41.646: As14 PPP: Phase is ESTABLISHING, Active Open [0 sess,1 load] *Jan 1 05:01:41.646: As14 LCP: O CONFREQ [Closed] id 2 len 25 *Jan 1 05:01:41.646: As14 LCP: ACCM 0x000A0000 (0x0206000A0000) *Jan 1 05:01:41.646: As14 LCP: AuthProto CHAP (0x0305C22305) *Jan 1 05:01:41.646: As14 LCP: MagicNumber 0x118F8C01

(0x0506118F8C01) *Jan 1 05:01:41.646: As14 LCP: PFC (0x0702) *Jan 1 05:01:41.646: As14 LCP: ACFC (0x0802) *Jan 1 05:01:41.646: As14 LCP: O CONFREJ [REQsent] id 0 len 31 *Jan 1 05:01:41.646: As14 LCP: MRRU 1614 (0x1104064E) *Jan 1 05:01:41.646: As14 LCP: EndpointDisc 1 Local *Jan 1 05:01:41.646: As14 LCP: (0x13170177DE54DA55A24ADD8043063898) *Jan 1 05:01:41.646: As14 LCP: (0x1C049700000000) *Jan 1 05:01:43: %LINK-3-UPDOWN: Interface Async14, changed state to up *Jan 1 05:01:41.810: As14 LCP: I CONFACK [REQsent] id 2 len 25 *Jan 1 05:01:41.810: As14 LCP: ACCM 0x000A0000 (0x0206000A0000) *Jan 1 05:01:41.810: As14 LCP: AuthProto CHAP (0x0305C22305) *Jan 1 05:01:41.810: As14 LCP: MagicNumber 0x118F8C01 (0x0506118F8C01) *Jan 1 05:01:41.810: As14 LCP: PFC (0x0702) *Jan 1 05:01:41.810: As14 LCP: ACFC (0x0802) *Jan 1 05:01:41.842: As14 LCP: I CONFREQ [ACKrcvd] id 1 len 20 *Jan 1 05:01:41.842: As14 LCP: ACCM 0x00000000 (0x020600000000) *Jan 1 05:01:41.842: As14 LCP: MagicNumber 0x143F35CB (0x0506143F35CB) *Jan 1 05:01:41.842: As14 LCP: PFC (0x0702) *Jan 1 05:01:41.842: As14 LCP: ACFC (0x0802) *Jan 1 05:01:41.842: As14 LCP: O CONFACK [ACKrcvd] id 1 len 20 *Jan 1 05:01:41.842: As14 LCP: ACCM 0x00000000 (0x020600000000) *Jan 1 05:01:41.842: As14 LCP: MagicNumber 0x143F35CB (0x0506143F35CB) *Jan 1 05:01:41.842: As14 LCP: PFC (0x0702) *Jan 1 05:01:41.842: As14 LCP: ACFC (0x0802) *Jan 1 05:01:41.842: As14 LCP: State is Open *Jan 1 05:01:41.842: As14 PPP: Phase is AUTHENTICATING, by this end [0 sess, 1 load] *Jan 1 05:01:41.842: As14 CHAP: O CHALLENGE id 2 len 25 from "lala" *Jan 1 05:01:42.002: As14 LCP: I IDENTIFY [Open] id 2 len 18 magic 0x143F35CB MSRASV5.00 *Jan 1 05:01:42.018: As14 LCP: I IDENTIFY [Open] id 3 len 28 magic 0x143F35CB MSRAS-1-TESTPC-W2K *Jan 1 05:01:42.034: As14 CHAP: I RESPONSE id 2 len 29 from "testuser" *Jan 1 05:01:42.034: As14 **CHAP: O SUCCESS** id 2 len 4
!-- PPP negotiation is successful *Jan 1 05:01:42.034: As14 PPP: Phase is UP [0 sess, 1 load] *Jan 1 05:01:42.034: **As14 IPCP**: O CONFREQ [Closed] id 1 len 10
!-- IPCP parameters are now negotiated *Jan 1 05:01:42.034: As14 IPCP: Address 10.200.20.22 (0x03060AC81416) *Jan 1 05:01:42.194: As14 CCP: I CONFREQ [Not negotiated] id 4 len 10 *Jan 1 05:01:42.194: As14 CCP: MS-PPC supported bits 0x00000001 (0x120600000001) *Jan 1 05:01:42.194: As14 LCP: O PROTREJ [Open] id 3 len 16 protocol CCP (0x80FD0104000A120600000001) *Jan 1 05:01:42.210: As14 IPCP: I CONFREQ [REQsent] id 5 len 40 *Jan 1 05:01:42.210: As14 IPCP: CompressType VJ 15 slots CompressSlotID (0x0206002D0F01) *Jan 1 05:01:42.210: As14 IPCP: Address 0.0.0.0 (0x030600000000) *Jan 1 05:01:42.210: As14 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000) *Jan 1 05:01:42.210: As14 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000) *Jan 1 05:01:42.210: As14 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000) *Jan 1 05:01:42.210: As14 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000) *Jan 1 05:01:42.210: As14 IPCP: O CONFREJ [REQsent] id 5 len 34 *Jan 1 05:01:42.210: As14 IPCP: CompressType VJ 15 slots CompressSlotID (0x0206002D0F01) *Jan 1 05:01:42.210: As14 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000) *Jan 1 05:01:42.210: As14 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000) *Jan 1 05:01:42.210: As14 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000) *Jan 1 05:01:42.210: As14 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000) *Jan 1 05:01:42.214: As14 IPCP: I CONFACK [REQsent] id 1 len 10 *Jan 1 05:01:42.214: As14 IPCP: Address 10.200.20.22 (0x03060AC81416) *Jan 1 05:01:42.386: As14 IPCP: I CONFREQ [ACKrcvd] id 6 len 10 *Jan 1 05:01:42.386: As14 IPCP: Address 0.0.0.0 (0x030600000000) *Jan 1 05:01:42.386: As14 IPCP: O CONFNAK [ACKrcvd] id 6 len 10 *Jan 1 05:01:42.386: As14 IPCP: Address 192.168.100.13 (0x0306C0A8640D) *Jan 1 05:01:42.546: As14 IPCP: I CONFREQ [ACKrcvd] id 7 len 10 *Jan 1 05:01:42.546: As14 IPCP: Address 192.168.100.13 (0x0306C0A8640D) *Jan 1 05:01:42.546: As14 IPCP: O CONFACK [ACKrcvd] id 7 len 10 *Jan 1 05:01:42.546: As14 IPCP: Address 192.168.100.13 (0x0306C0A8640D) *Jan 1 05:01:42.546: As14 IPCP: State is Open *Jan 1 05:01:42.550: As14 IPCP: Install route to 192.168.100.13 *Jan 1 05:01:45: %LINEPROTO-5-UPDOWN: Line protocol on Interface Async14, changed state to up *!-- Callback connection is up, PPP negotiation is complete !-- and a route is installed.*

Informações Relacionadas

- Rechamada de PPP assíncrona entre um servidor de acesso e um PC
- Chamada de retorno PPP sobre ISDN
- União de Modem com DNIS
- DNIS e união de modem com uma linha PRI
- Suporte Técnico - Cisco Systems