

Configurando o roteador Cisco e os clientes VPN usando PPTP e MPPE

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[Introduction](#)

Este documento descreve como configurar um roteador Cisco IOS® que termina Clientes Windows 2000 Point-to-Point Tunneling Protocol (PPTP) e Microsoft Point-to-Point Encryption Protocol (MPPE).

Consulte [Configuração da Autenticação PPTP do Cisco Secure ACS for Windows Router](#) para obter mais informações sobre a autenticação PPTP com o Cisco Secure Access Control Server (ACS).

[Prerequisites](#)

[Requirements](#)

Não existem requisitos específicos para este documento.

[Componentes Utilizados](#)

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

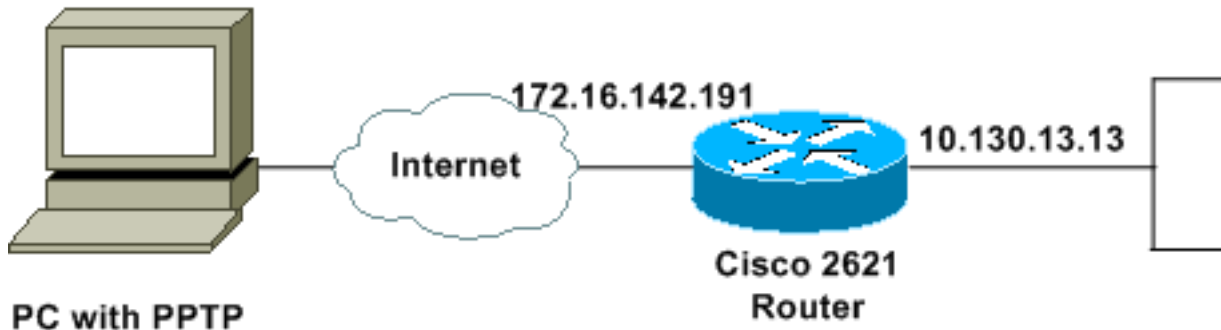
- Roteador Cisco 2621 que executa o Software Cisco IOS versão 12.2
- Microsoft Windows 2000

The information in this document was created from the devices in a specific lab environment. All of

the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Diagrama de Rede

Este documento utiliza a seguinte configuração de rede:



Conventions

Consulte as [Convenções de Dicas Técnicas da Cisco para obter mais informações sobre convenções de documentos.](#)

Configuração do roteador PPTP

Esses comandos IOS são aplicáveis a todas as plataformas que suportam PPTP.

```
2621#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
!--- Enable virtual private dial-up networking. 2621(config)#vpdn enable
!--- Enters VPDN group configuration mode for the specified VPDN group. 2621(config)#vpdn-group
1
!--- Enters VPDN accept-dialin configuration mode !--- and enables the router to accept dial-in
requests. 2621(config-vpdn)#accept-dialin
!--- Specifies which PPTP protocol is used. 2621(config-vpdn-acc-in)#protocol pptp
!--- Specifies the virtual template that is used !--- in order to clone the virtual access
interface. 2621(config-vpdn-acc-in)#virtual-template 1
2621(config-vpdn-acc-in)#exit

2621(config)#ip local pool test 192.168.1.1 192.168.1.250
!--- Create virtual-template interface used for cloning !--- virtual-access interfaces with the
use of address pool test !--- with Challenge Authentication Protocol (CHAP) authentication, PAP,
and MS-CHAP. 2621(config)#interface virtual-template 1

2621(config-if)#encapsulation ppp
2621(config-if)#peer default ip address pool test
2621(config-if)#ip unnumbered FastEthernet0/0
2621(config-if)#no keepalive
2621(config-if)#ppp encrypt mppe auto
2621(config-if)#ppp authentication pap chap ms-chap
```

Cisco 2621 Router

```
2621#show run
Building configuration...
```



```

ip address 10.100.100.1 255.255.255.0
ip nat inside
!
interface FastEthernet0/0
ip address 172.16.142.191 255.255.255.0
no ip route-cache
no ip mroute-cache
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 10.130.13.13 255.255.0.0
duplex auto
speed auto
!
!--- Create virtual-template interface used for cloning
!--- virtual-access interfaces with the use of address
pool test !--- with CHAP authentication, PAP, and MS-
CHAP. interface Virtual-Template1
ip unnumbered FastEthernet0/0
peer default ip address pool test
no keepalive
ppp encrypt mppe auto
ppp authentication pap chap ms-chap
!
!--- Create IP pool named test and specify IP range. ip
local pool test 192.168.1.1 192.168.1.250
no ip http server
no ip http secure-server
ip classless
ip route 0.0.0.0 0.0.0.0 172.16.142.1
!
ip pim bidir-enable
!
!
!
call rsvp-sync
!
!
mgcp profile default
!
dial-peer cor custom
!
!
!
!
!
line con 0
exec-timeout 0 0
line aux 0
line vty 0 4
password cisco
login
!
!
end
2621#

```

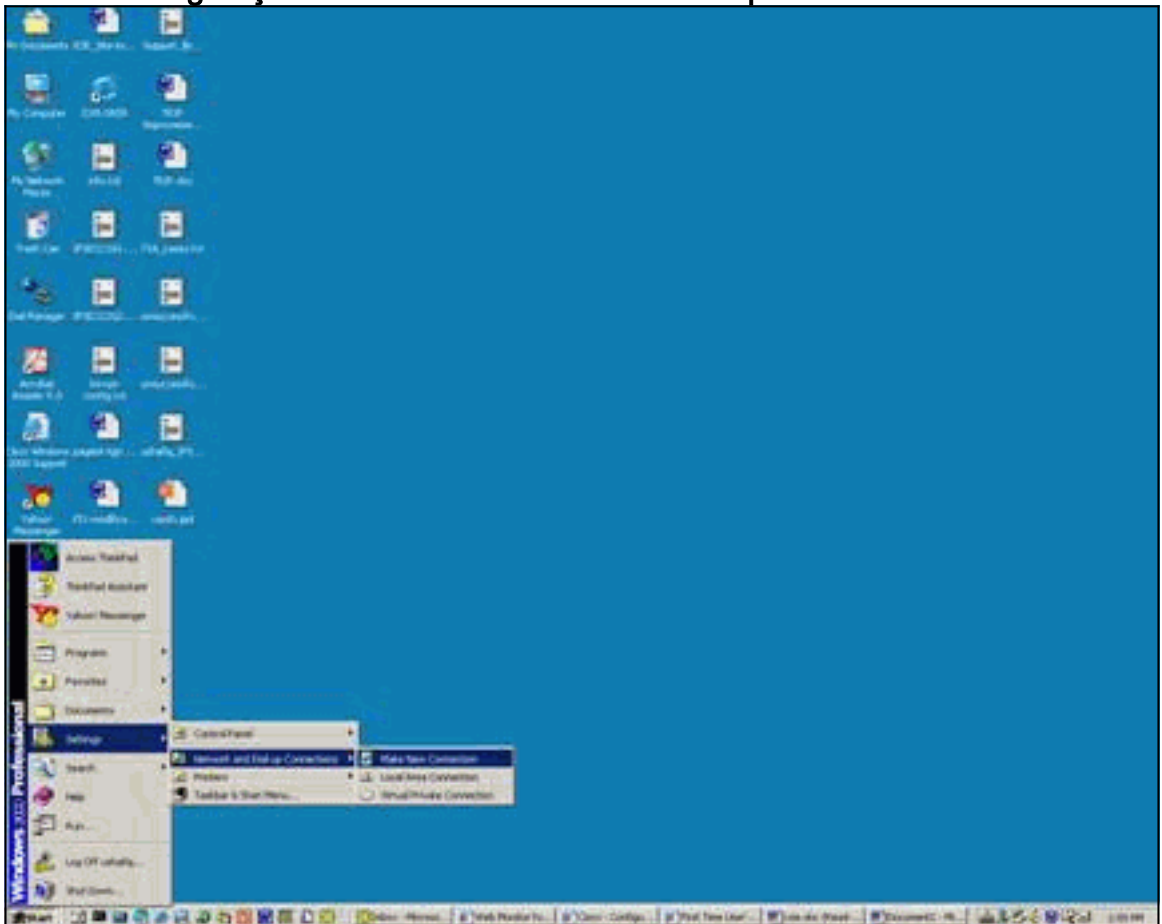
Configuração do roteador com MPPE e MS-CHAP

```
!--- Enter configuration commands, one per line. !--- End with CNTL/Z. 2621(config)#interface  
Virtual-Template1  
2621(config-if)#ppp authentication ms-chap  
2621(config-if)#ppp encrypt mppe ?  
128 128 Bit Encryption only  
40 40 Bit Encryption only  
auto Will offer 40 and 128 bit if available  
  
2621(config-if)#ppp encrypt mppe auto  
2621(config-if)#ppp encrypt mppe auto required
```

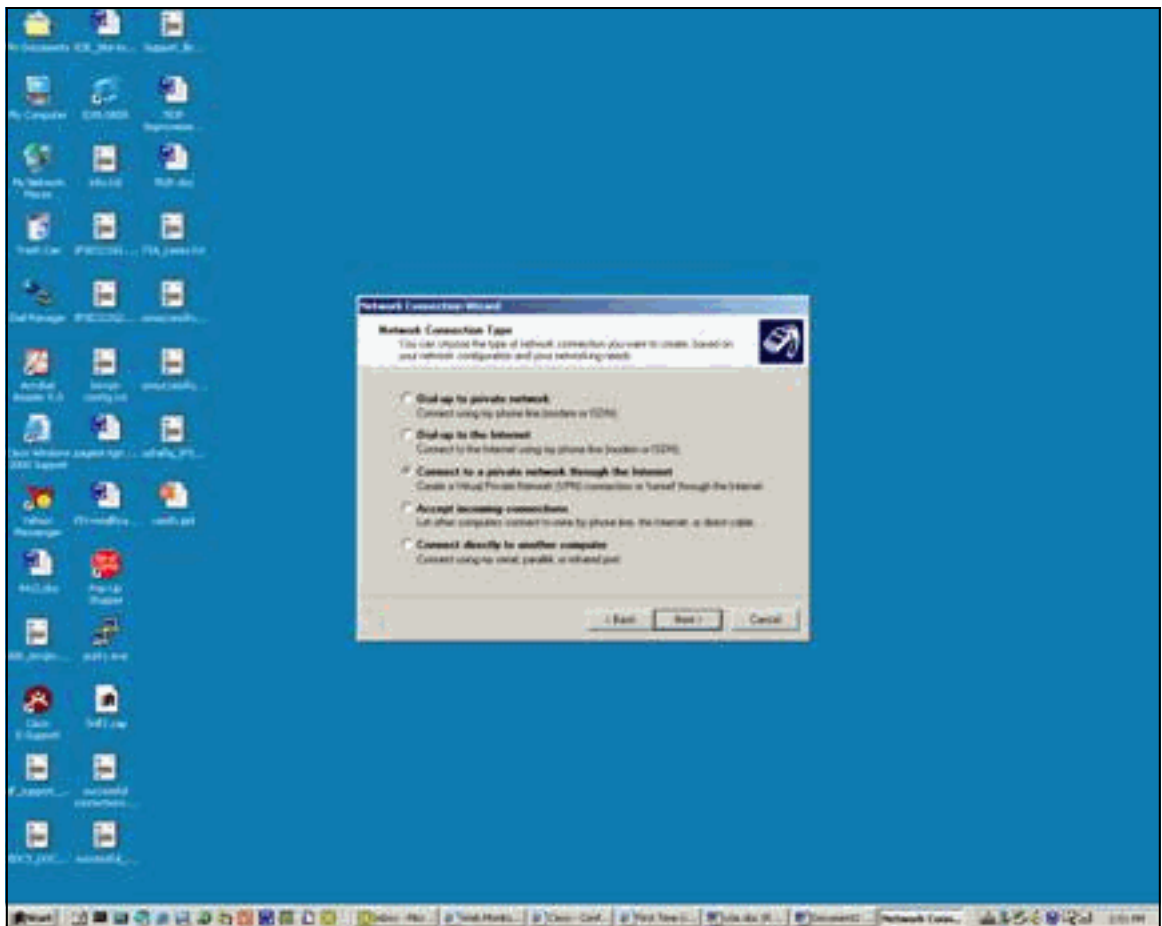
Configurações e configuração do Windows 2000 VPN (PPTP)

Conclua estes passos:

1. Escolha **Iniciar > Configurações > Conexões de Rede e Dial-up > Criar Nova**

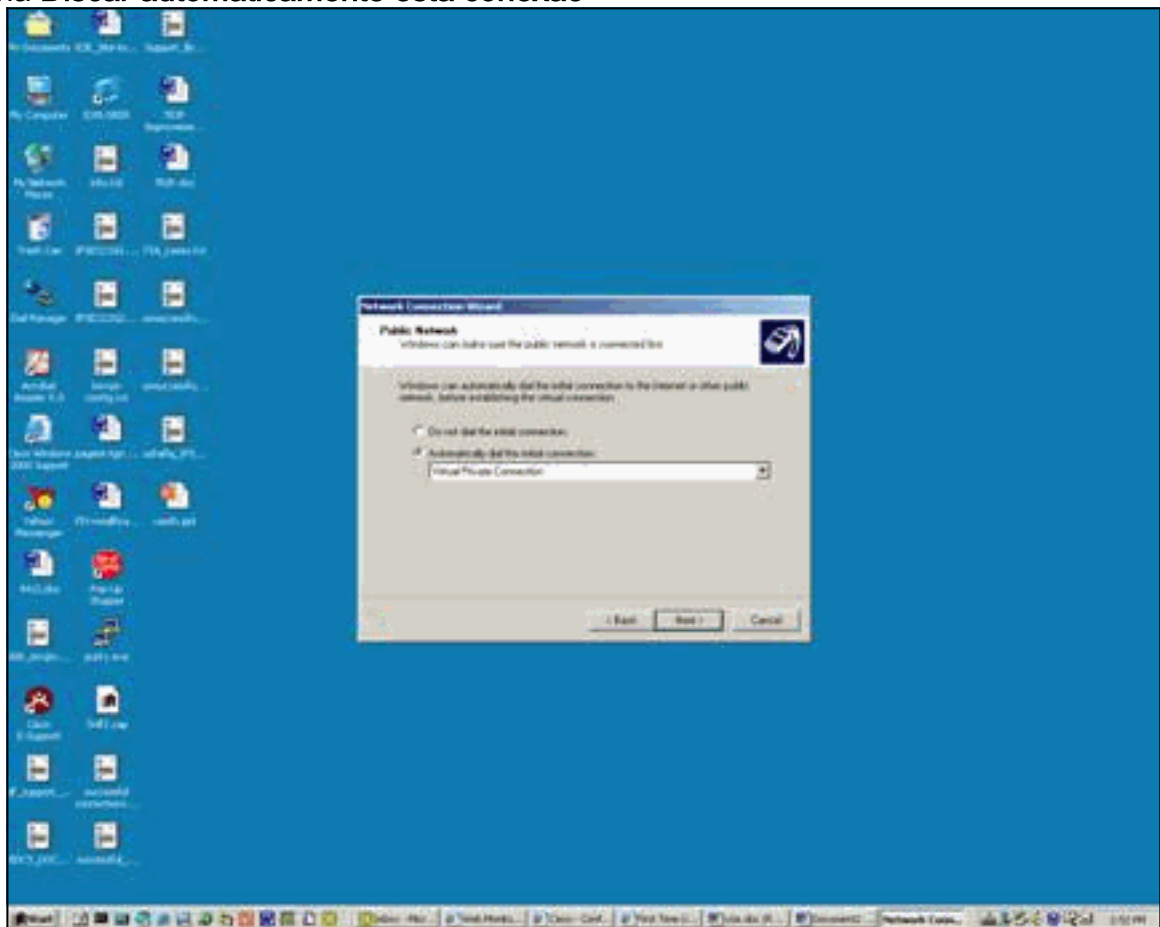


2. Depois que a janela Assistente de conexão de rede for exibida, escolha **Tipo de conexão de rede** e **Conecte-se a uma rede privada pela**



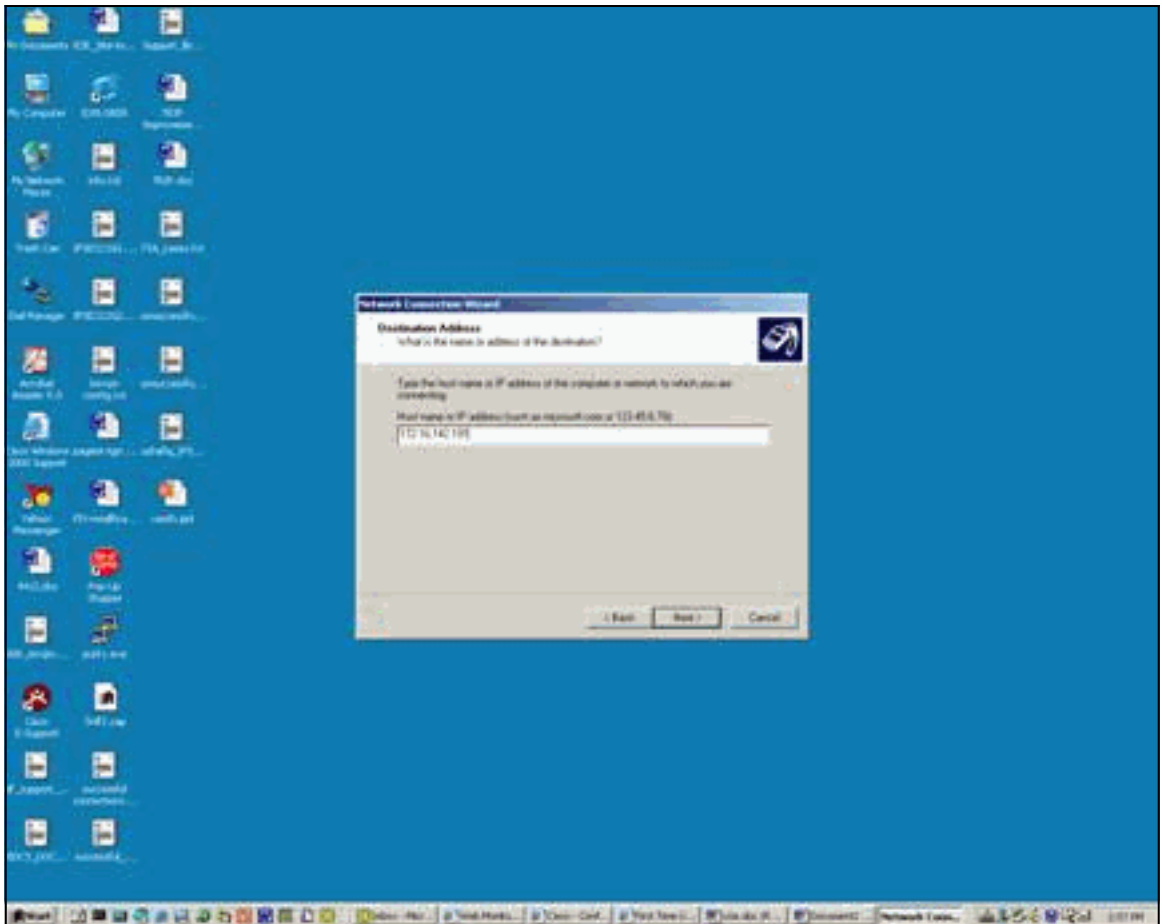
Internet.

3. Escolha **Discar automaticamente esta conexão**



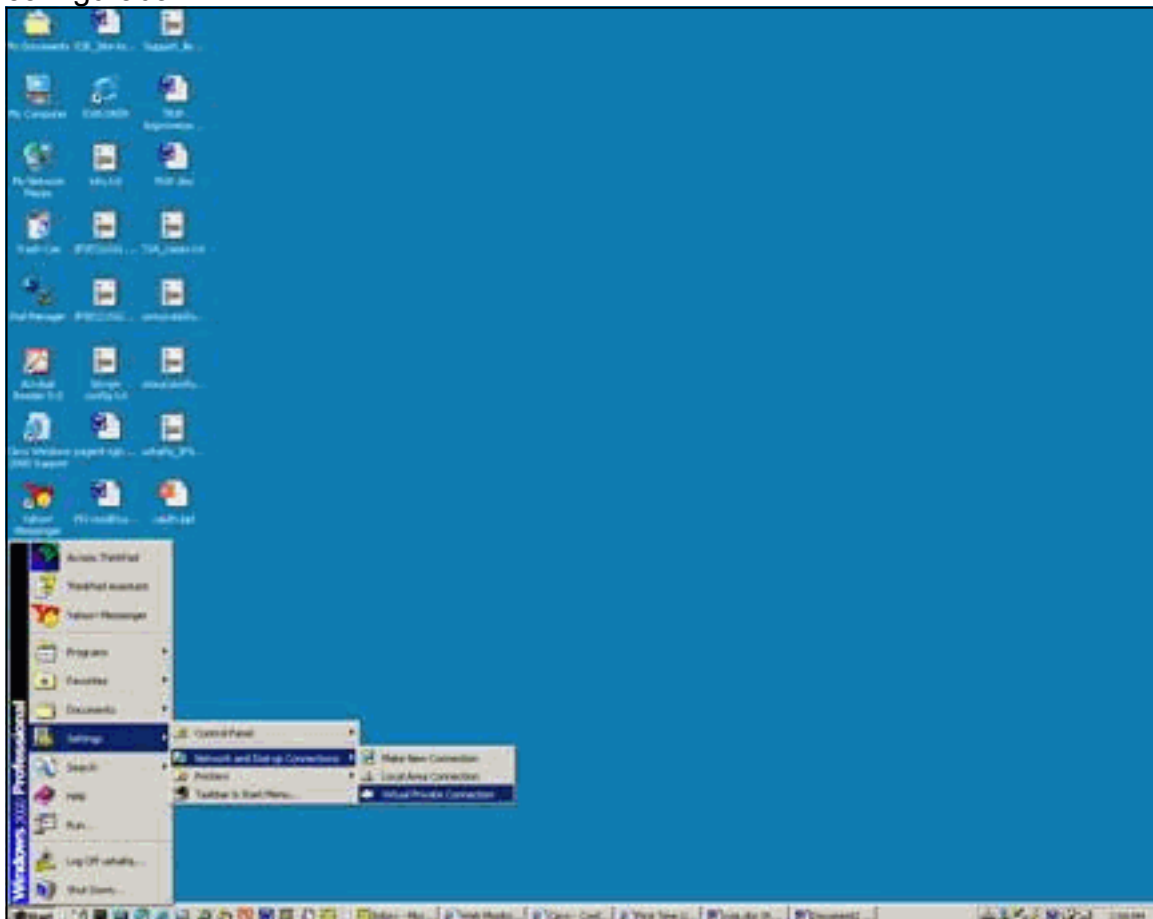
inicial.

4. Especifique um endereço de destino no campo Host ou endereço IP e clique em



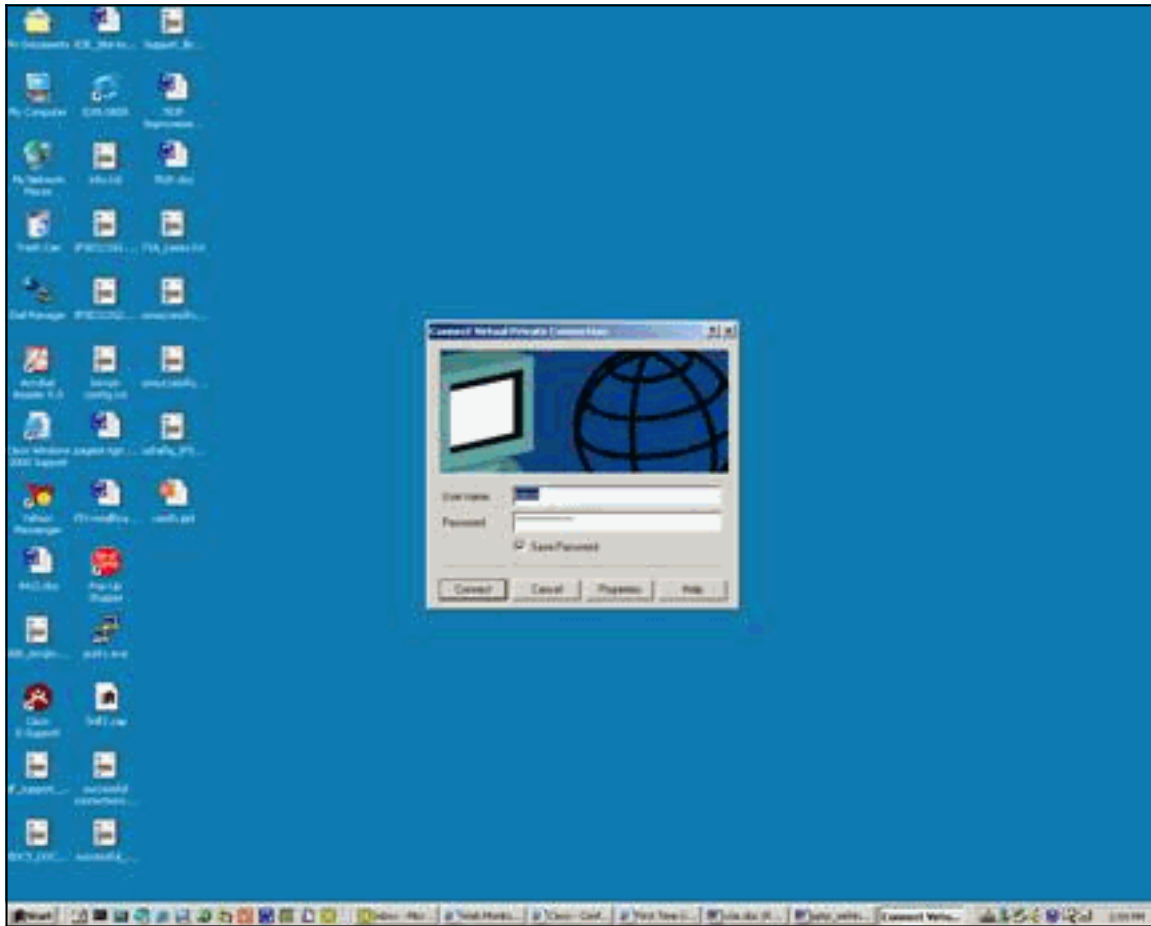
Avançar.

5. Escolha **Iniciar > Configurações > Conexões de rede e de discagem** e selecione a conexão recentemente configurada.

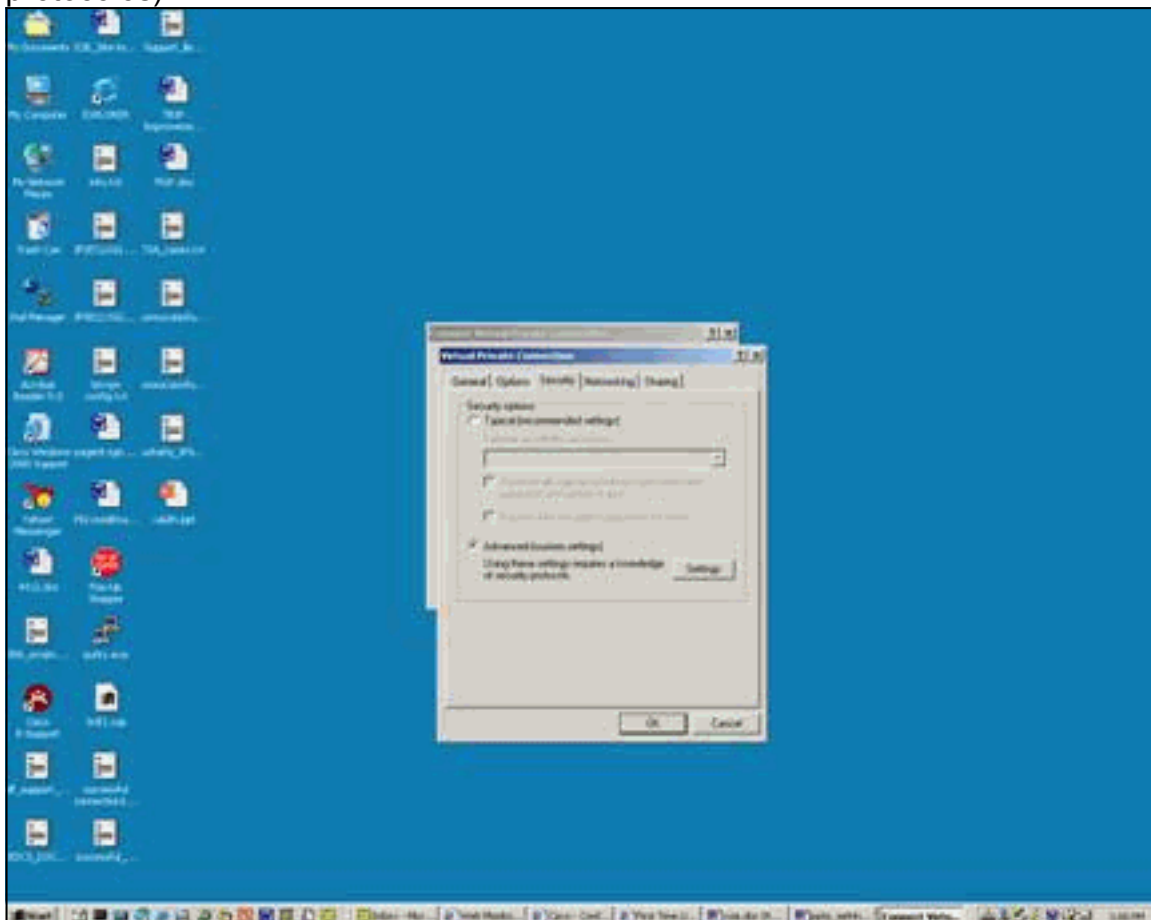


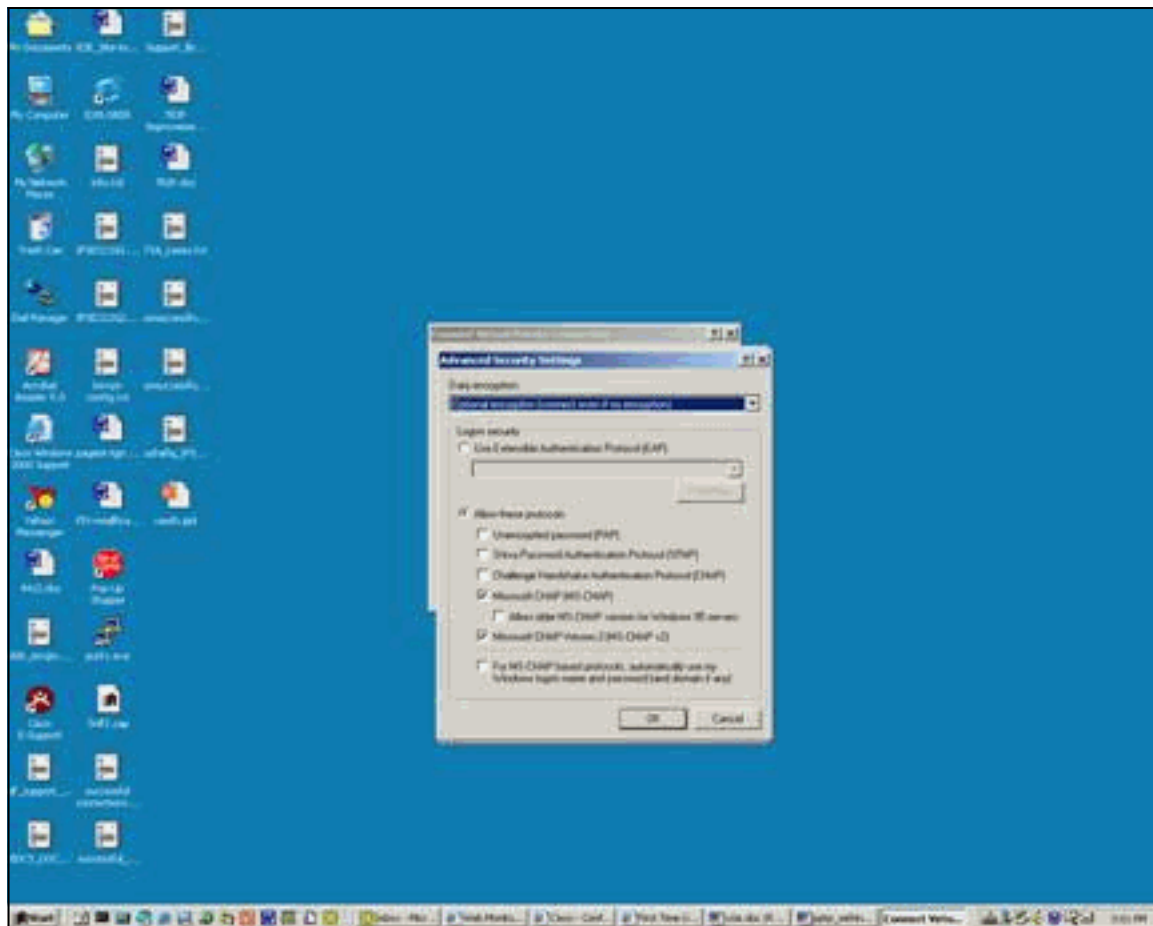
6. Depois que essa janela for exibida, escolha **Propriedades > Segurança** para definir a opção

corretamente.

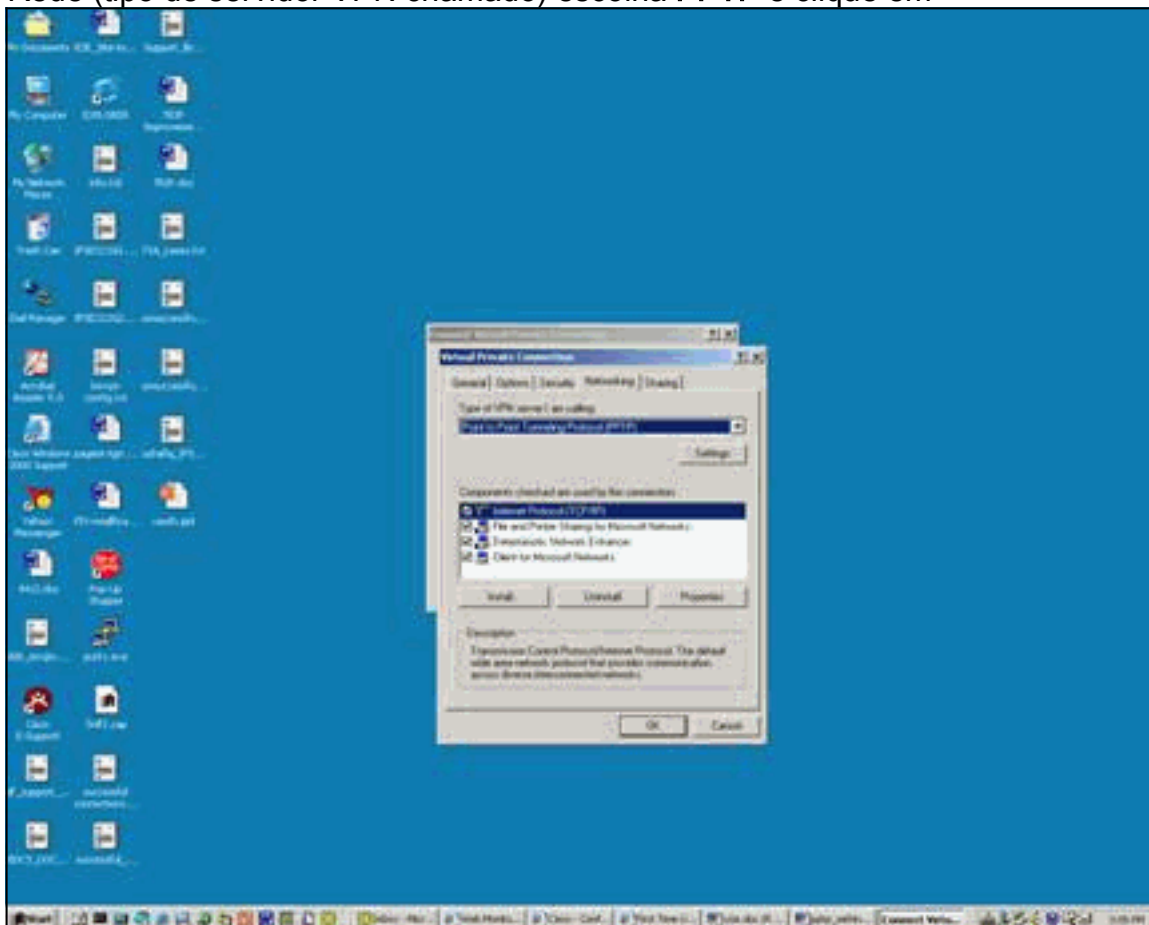


7. Escolha **Avançado (configurações do cliente)**, escolha **Configurações** e selecione o nível de criptografia (Criptografia de dados) e a autenticação apropriados (permitir esses protocolos).



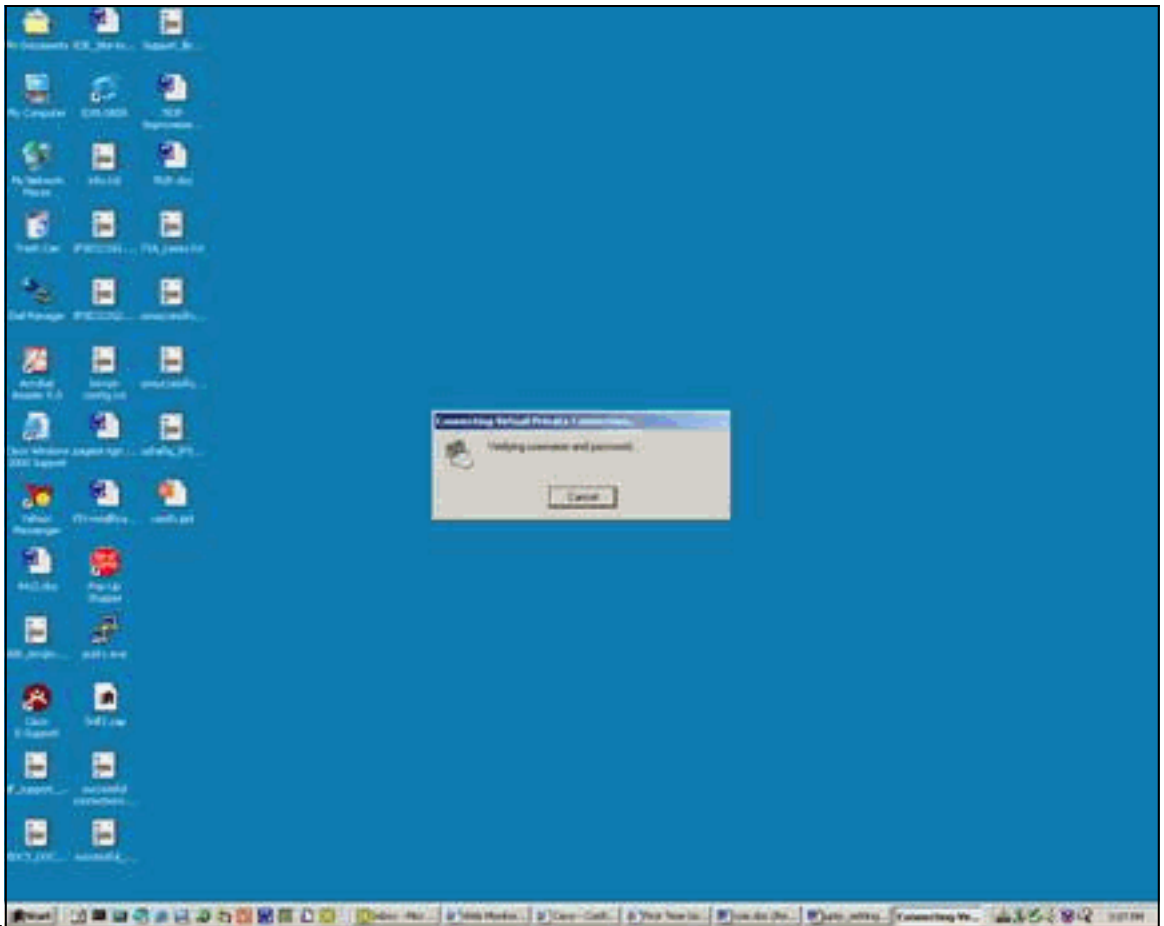


8. Em Rede (tipo de servidor VPN chamado) escolha **PPTP** e clique em



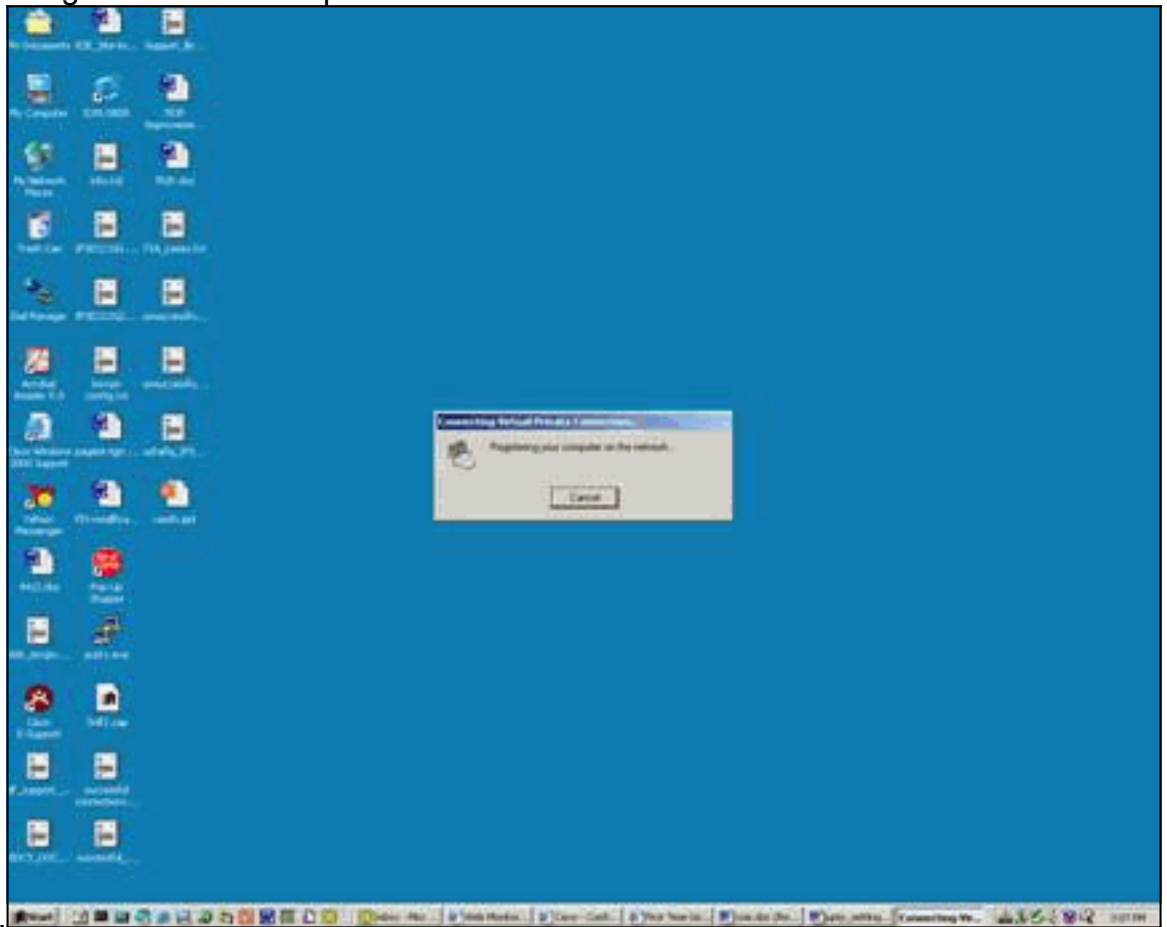
OK.

9. A janela Verifying username and password (Verificando nome de usuário e senha) é



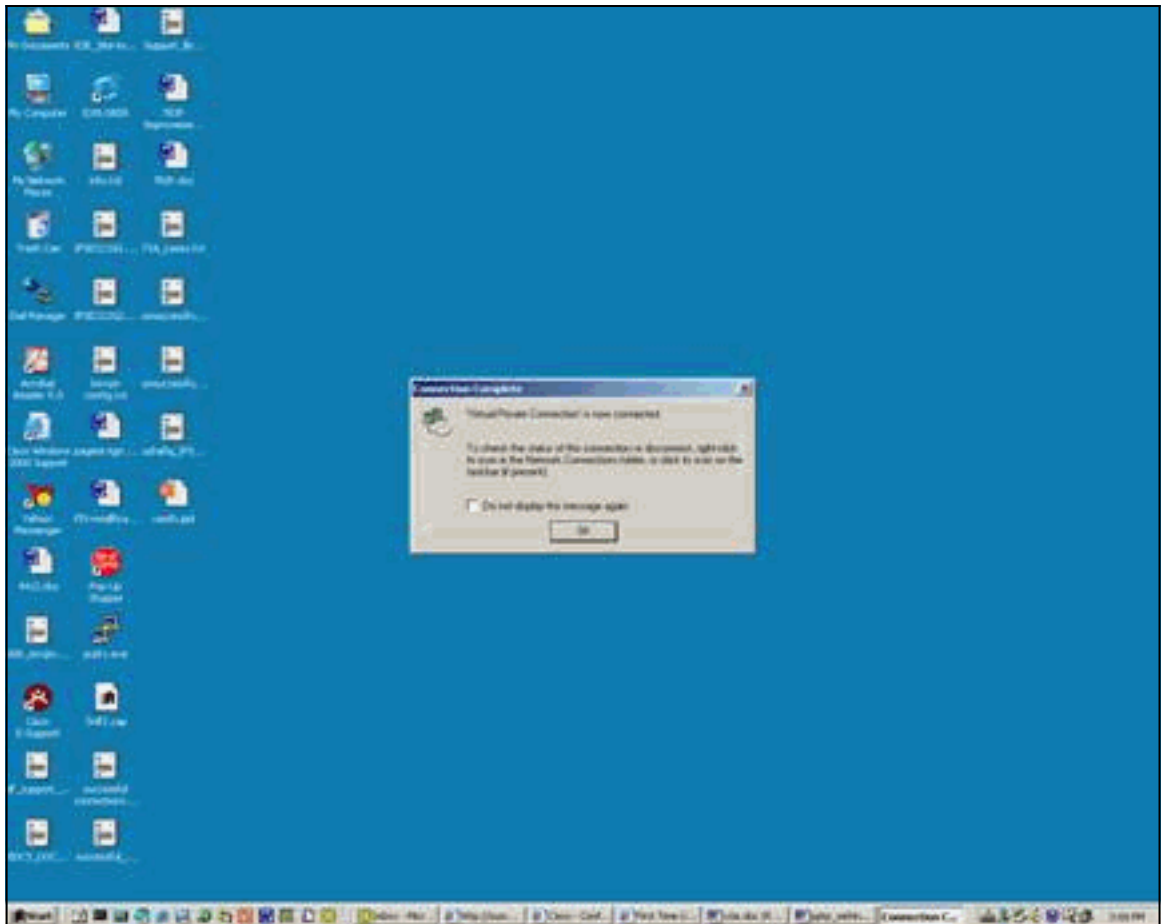
exibida.

10. A janela Registrando seu computador na rede é



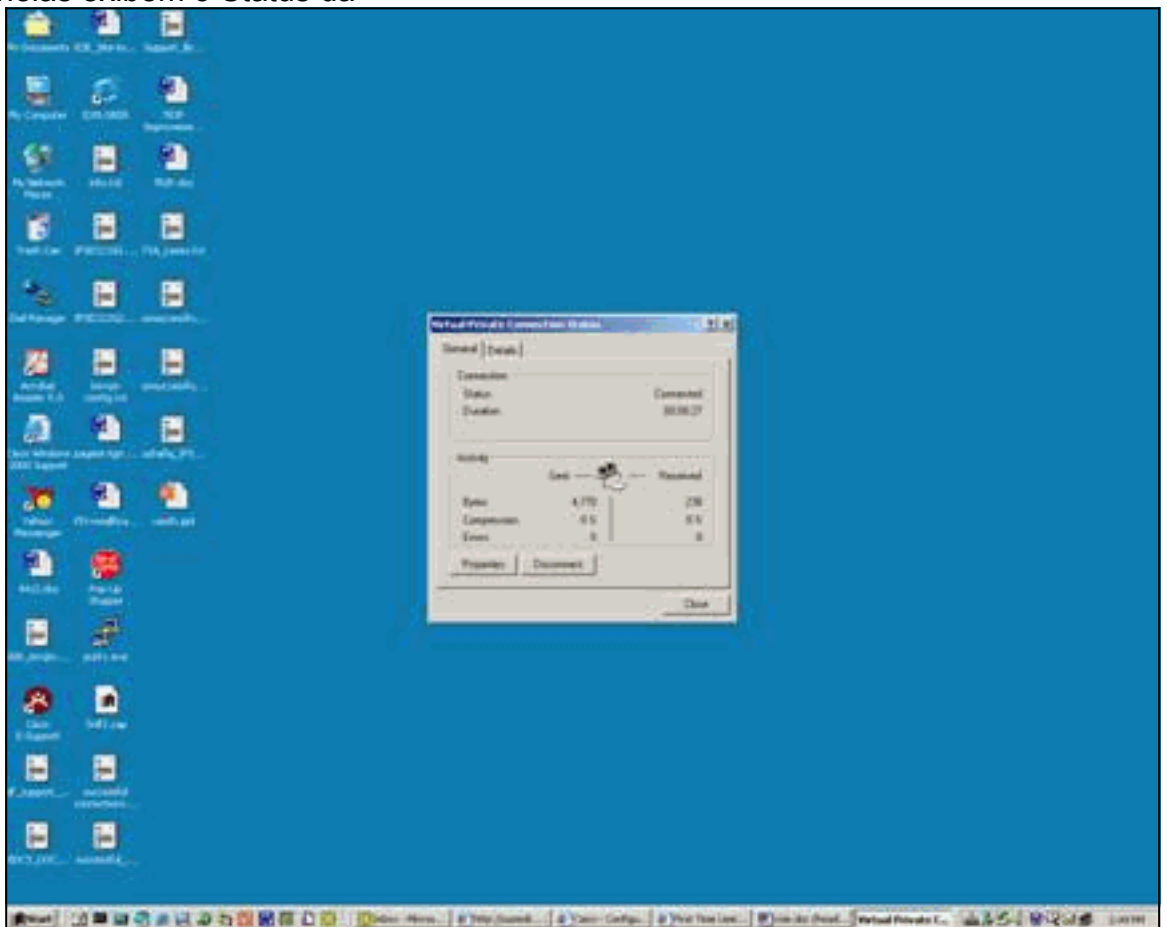
exibida.

11. A janela Propriedades de Conexões é

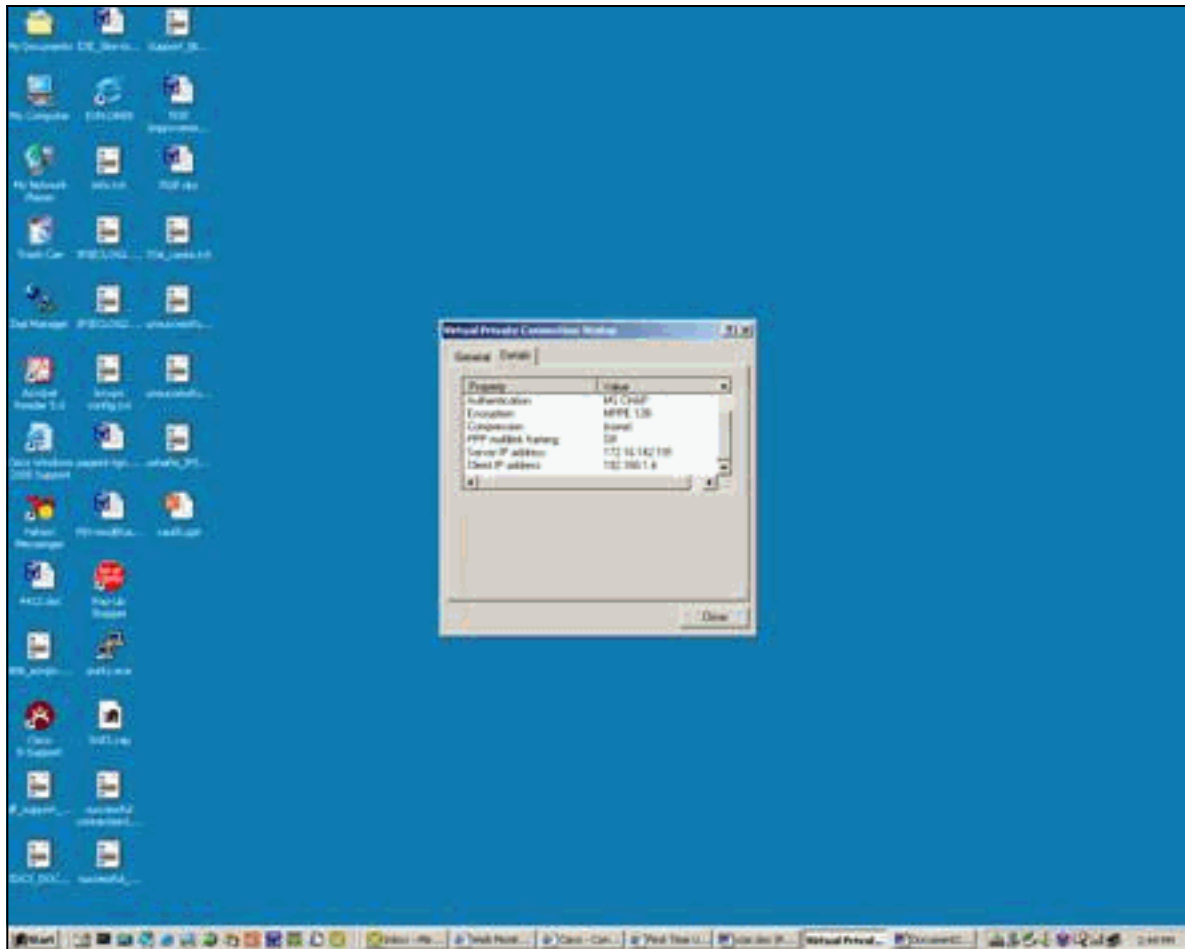


exibida.

12. Essas janelas exibem o Status da



conexão.



Verificar

Esta seção fornece informações que você pode usar para confirmar se sua configuração funciona corretamente.

A [Output Interpreter Tool \(somente clientes registrados\) \(OIT\)](#) oferece suporte a determinados comandos `show`. Use a OIT para exibir uma análise da saída do comando `show`.

- **show debug** — Exibe os comandos **debug** atualmente ativados para solucionar problemas
- **show user** — Exibe os usuários conectados no momento e seu status
- **show ip route connected** — Exibe o estado atual da tabela de roteamento
- **show vpdn** — Exibe informações sobre o túnel de protocolo L2TP (Layer 2 Tunnel Protocol) ou L2F (Layer 2 Forwarding) e os identificadores de mensagens em uma rede de discagem privada virtual (VPDN)

Este é um exemplo de saída do comando **show debug**.

```
2621#show debug
```

```
PPP:
```

```
PPP authentication debugging is on  
PPP protocol negotiation debugging is on
```

```
VPN:
```

```
VPDN events debugging is on
```

Esta é a saída de depuração com o PPTP inicial configurado.

2621#

```
*Mar 5 02:16:25.675: ppp2 PPP: Using vpn set call direction
*Mar 5 02:16:25.675: ppp2 PPP: Treating connection as a callin
*Mar 5 02:16:25.675: ppp2 PPP: Phase is ESTABLISHING, Passive Open
*Mar 5 02:16:25.675: ppp2 LCP: State is Listen
*Mar 5 02:16:27.663: ppp2 LCP: TIMEout: State Listen
*Mar 5 02:16:27.663: ppp2 PPP: Authorization required
*Mar 5 02:16:27.663: ppp2 LCP: O CONFREQ [Listen] id 1 len 14
*Mar 5 02:16:27.663: ppp2 LCP:   AuthProto PAP (0x0304C023)
*Mar 5 02:16:27.663: ppp2 LCP:   MagicNumber 0x1658CF62 (0x05061658CF62)
*Mar 5 02:16:27.667: ppp2 LCP: I CONFACK [REQsent] id 1 len 14
*Mar 5 02:16:27.667: ppp2 LCP:   AuthProto PAP (0x0304C023)
*Mar 5 02:16:27.667: ppp2 LCP:   MagicNumber 0x1658CF62 (0x05061658CF62)
*Mar 5 02:16:27.695: ppp2 LCP: I CONFREQ [ACKrcvd] id 1 len 44
*Mar 5 02:16:27.695: ppp2 LCP:   MagicNumber 0x131A2427 (0x0506131A2427)
*Mar 5 02:16:27.695: ppp2 LCP:   PFC (0x0702)
*Mar 5 02:16:27.695: ppp2 LCP:   ACFC (0x0802)
*Mar 5 02:16:27.695: ppp2 LCP:   Callback 6 (0x0D0306)
*Mar 5 02:16:27.695: ppp2 LCP:   MRRU 1614 (0x1104064E)
*Mar 5 02:16:27.695: ppp2 LCP:   EndpointDisc 1 Local
*Mar 5 02:16:27.699: ppp2 LCP:   (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:16:27.699: ppp2 LCP:   (0x897EAE00000002)
*Mar 5 02:16:27.699: ppp2 LCP: O CONFREQ [ACKrcvd] id 1 len 11
*Mar 5 02:16:27.699: ppp2 LCP:   Callback 6 (0x0D0306)
*Mar 5 02:16:27.699: ppp2 LCP:   MRRU 1614 (0x1104064E)
*Mar 5 02:16:27.703: ppp2 LCP: I CONFREQ [ACKrcvd] id 2 len 37
*Mar 5 02:16:27.703: ppp2 LCP:   MagicNumber 0x131A2427 (0x0506131A2427)
*Mar 5 02:16:27.703: ppp2 LCP:   PFC (0x0702)
*Mar 5 02:16:27.703: ppp2 LCP:   ACFC (0x0802)
*Mar 5 02:16:27.707: ppp2 LCP:   EndpointDisc 1 Local
*Mar 5 02:16:27.707: ppp2 LCP:   (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:16:27.707: ppp2 LCP:   (0x897EAE00000002)
*Mar 5 02:16:27.707: ppp2 LCP: O CONFACK [ACKrcvd] id 2 len 37
*Mar 5 02:16:27.707: ppp2 LCP:   MagicNumber 0x131A2427 (0x0506131A2427)
*Mar 5 02:16:27.707: ppp2 LCP:   PFC (0x0702)
*Mar 5 02:16:27.707: ppp2 LCP:   ACFC (0x0802)
*Mar 5 02:16:27.711: ppp2 LCP:   EndpointDisc 1 Local
*Mar 5 02:16:27.711: ppp2 LCP:   (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:16:27.711: ppp2 LCP:   (0x897EAE00000002)
*Mar 5 02:16:27.711: ppp2 LCP: State is Open
*Mar 5 02:16:27.711: ppp2 PPP: Phase is AUTHENTICATING, by this end
*Mar 5 02:16:27.715: ppp2 LCP: I IDENTIFY [Open] id 3 len 18 magic
0x131A2427 MSRASV5.00
*Mar 5 02:16:27.719: ppp2 LCP: I IDENTIFY [Open] id 4 len 28 magic
0x131A2427 MSRAS-1-USHAFIQ-W2K1
*Mar 5 02:16:27.719: ppp2 PAP: I AUTH-REQ id 1 len 19 from "cisco"
*Mar 5 02:16:27.719: ppp2 PAP: Authenticating peer cisco
*Mar 5 02:16:27.719: ppp2 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:16:27.719: ppp2 PPP: Phase is AUTHENTICATING, Unauthenticated User
*Mar 5 02:16:27.719: ppp2 PPP: Sent PAP LOGIN Request
*Mar 5 02:16:27.723: ppp2 PPP: Received LOGIN Response PASS
*Mar 5 02:16:27.723: ppp2 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:16:27.727: Vi4 PPP: Phase is DOWN, Setup
*Mar 5 02:16:27.727: Tnl/Sn3/3 PPTP: Virtual interface created for
bandwidth 10000 Kbps
*Mar 5 02:16:27.731: Vi4 Tnl/Sn3/3 PPTP: VPDN session up
*Mar 5 02:16:27.735: %LINK-3-UPDOWN: Interface Virtual-Access4, changed state to up
*Mar 5 02:16:27.735: Vi4 PPP: Phase is AUTHENTICATING, Authenticated User
*Mar 5 02:16:27.735: Vi4 PAP: O AUTH-ACK id 1 len 5
*Mar 5 02:16:27.739: Vi4 PPP: Phase is UP
*Mar 5 02:16:27.739: Vi4 IPCP: O CONFREQ [Closed] id 1 len 10
*Mar 5 02:16:27.739: Vi4 IPCP:   Address 172.16.142.191 (0x0306AC108EBF)
```

```

*Mar 5 02:16:27.739: Vi4 CCP: O CONFREQ [Closed] id 1 len 4
*Mar 5 02:16:27.739: Vi4 PPP: Process pending packets
*Mar 5 02:16:27.747: Vi4 CCP: I CONFREQ [REQsent] id 5 len 10
*Mar 5 02:16:27.747: Vi4 CCP: MS-PPC supported bits 0x01000001 (0x120601000001)
*Mar 5 02:16:27.747: Vi4 CCP: O CONFNAK [REQsent] id 5 len 10
*Mar 5 02:16:27.751: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:16:27.751: Vi4 CCP: I CONFACK [REQsent] id 1 len 4
*Mar 5 02:16:27.751: Vi4 IPCP: I CONFREQ [REQsent] id 6 len 34
*Mar 5 02:16:27.751: Vi4 IPCP: Address 0.0.0.0 (0x030600000000)
*Mar 5 02:16:27.751: Vi4 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000)
*Mar 5 02:16:27.751: Vi4 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000)
*Mar 5 02:16:27.755: Vi4 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000)
*Mar 5 02:16:27.755: Vi4 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000)
*Mar 5 02:16:27.755: Vi4 AAA/AUTHOR/IPCP: Start. Her address 0.0.0.0, we want 0.0.0.0
*Mar 5 02:16:27.755: Vi4 AAA/AUTHOR/IPCP: Done. Her address 0.0.0.0, we want 0.0.0.0
*Mar 5 02:16:27.755: Vi4 IPCP: Pool returned 192.168.1.4
*Mar 5 02:16:27.755: Vi4 IPCP: O CONFREQ [REQsent] id 6 len 28
*Mar 5 02:16:27.759: Vi4 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000)
*Mar 5 02:16:27.759: Vi4 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000)
*Mar 5 02:16:27.759: Vi4 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000)
*Mar 5 02:16:27.759: Vi4 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000)
*Mar 5 02:16:27.759: Vi4 IPCP: I CONFACK [REQsent] id 1 len 10
*Mar 5 02:16:27.759: Vi4 IPCP: Address 172.16.142.191 (0x0306AC108EBF)
*Mar 5 02:16:27.763: Vi4 CCP: I CONFREQ [ACKrcvd] id 7 len 4
*Mar 5 02:16:27.767: Vi4 CCP: O CONFACK [ACKrcvd] id 7 len 4
*Mar 5 02:16:27.767: Vi4 CCP: State is Open
*Mar 5 02:16:27.767: Vi4 CCP: Compression not negotiated
*Mar 5 02:16:27.767: Vi4 CCP: Decompression not negotiated
*Mar 5 02:16:27.767: Vi4 CCP: Negotiation mismatch, closing CCP
*Mar 5 02:16:27.767: Vi4 CCP: O TERMREQ [Open] id 2 len 4
*Mar 5 02:16:27.767: Vi4 IPCP: I CONFREQ [ACKrcvd] id 8 len 10
*Mar 5 02:16:27.767: Vi4 IPCP: Address 0.0.0.0 (0x030600000000)
*Mar 5 02:16:27.771: Vi4 IPCP: O CONFNAK [ACKrcvd] id 8 len 10
*Mar 5 02:16:27.771: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:16:27.775: Vi4 CCP: I TERMACK [TERMsent] id 2 len 4
*Mar 5 02:16:27.775: Vi4 CCP: State is Closed
*Mar 5 02:16:27.775: Vi4 IPCP: I CONFREQ [ACKrcvd] id 9 len 10
*Mar 5 02:16:27.775: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:16:27.775: Vi4 IPCP: O CONFACK [ACKrcvd] id 9 len 10
*Mar 5 02:16:27.779: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:16:27.779: Vi4 IPCP: State is Open
*Mar 5 02:16:27.783: Vi4 IPCP: Install route to 192.168.1.4
*Mar 5 02:16:27.783: Vi4 IPCP: Add link info for cef entry 192.168.1.4
*Mar 5 02:16:28.735: %LINEPROTO-5-UPDOWN: Line protocol on Interface
Virtual-Access4, changed state to up
*Mar 5 02:16:37.743: Vi4 CCP: O CONFREQ [Closed] id 3 len 4
2621#
2621#

```

Esta é a saída de depuração com a configuração MPPE e MS-CHAP necessária.

```

2621#
*Mar 5 02:25:01.815: ppp4 PPP: Using vpn set call direction
*Mar 5 02:25:01.815: ppp4 PPP: Treating connection as a callin
*Mar 5 02:25:01.815: ppp4 PPP: Phase is ESTABLISHING, Passive Open
*Mar 5 02:25:01.815: ppp4 LCP: State is Listen
*Mar 5 02:25:03.823: ppp4 LCP: TIMEOUT: State Listen
*Mar 5 02:25:03.823: ppp4 PPP: Authorization required
*Mar 5 02:25:03.823: ppp4 LCP: O CONFREQ [Listen] id 1 len 15
*Mar 5 02:25:03.823: ppp4 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:25:03.823: ppp4 LCP: MagicNumber 0x1660AFA4 (0x05061660AFA4)
*Mar 5 02:25:03.843: ppp4 LCP: I CONFACK [REQsent] id 1 len 15
*Mar 5 02:25:03.843: ppp4 LCP: AuthProto MS-CHAP (0x0305C22380)

```

```
*Mar 5 02:25:03.843: ppp4 LCP: MagicNumber 0x1660AFA4 (0x05061660AFA4)
*Mar 5 02:25:03.843: ppp4 LCP: I CONFREQ [ACKrcvd] id 1 len 44
*Mar 5 02:25:03.843: ppp4 LCP: MagicNumber 0x4B5A2A81 (0x05064B5A2A81)
*Mar 5 02:25:03.843: ppp4 LCP: PFC (0x0702)
*Mar 5 02:25:03.847: ppp4 LCP: ACFC (0x0802)
*Mar 5 02:25:03.847: ppp4 LCP: Callback 6 (0x0D0306)
*Mar 5 02:25:03.847: ppp4 LCP: MRRU 1614 (0x1104064E)
*Mar 5 02:25:03.847: ppp4 LCP: EndpointDisc 1 Local
*Mar 5 02:25:03.847: ppp4 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:25:03.847: ppp4 LCP: (0x897EAE00000004)
*Mar 5 02:25:03.847: ppp4 LCP: O CONFREQ [ACKrcvd] id 1 len 11
*Mar 5 02:25:03.847: ppp4 LCP: Callback 6 (0x0D0306)
*Mar 5 02:25:03.851: ppp4 LCP: MRRU 1614 (0x1104064E)
*Mar 5 02:25:03.851: ppp4 LCP: I CONFREQ [ACKrcvd] id 2 len 37
*Mar 5 02:25:03.855: ppp4 LCP: MagicNumber 0x4B5A2A81 (0x05064B5A2A81)
*Mar 5 02:25:03.855: ppp4 LCP: PFC (0x0702)
*Mar 5 02:25:03.855: ppp4 LCP: ACFC (0x0802)
*Mar 5 02:25:03.855: ppp4 LCP: EndpointDisc 1 Local
*Mar 5 02:25:03.855: ppp4 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:25:03.855: ppp4 LCP: (0x897EAE00000004)
*Mar 5 02:25:03.855: ppp4 LCP: O CONFACK [ACKrcvd] id 2 len 37
*Mar 5 02:25:03.859: ppp4 LCP: MagicNumber 0x4B5A2A81 (0x05064B5A2A81)
*Mar 5 02:25:03.859: ppp4 LCP: PFC (0x0702)
*Mar 5 02:25:03.859: ppp4 LCP: ACFC (0x0802)
*Mar 5 02:25:03.859: ppp4 LCP: EndpointDisc 1 Local
*Mar 5 02:25:03.859: ppp4 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:25:03.859: ppp4 LCP: (0x897EAE00000004)
*Mar 5 02:25:03.859: ppp4 LCP: State is Open
*Mar 5 02:25:03.859: ppp4 PPP: Phase is AUTHENTICATING, by this end
*Mar 5 02:25:03.863: ppp4 MS-CHAP: O CHALLENGE id 1 len 21 from "2621 "
*Mar 5 02:25:03.867: ppp4 LCP: I IDENTIFY [Open] id 3 len 18 magic 0x4B5A2A81
MSRASV5.00
*Mar 5 02:25:03.867: ppp4 LCP: I IDENTIFY [Open] id 4 len 28 magic 0x4B5A2A81
MSRAS-1-USHAFIQ-W2K1
*Mar 5 02:25:03.867: ppp4 MS-CHAP: I RESPONSE id 1 len 59 from "cisco"
*Mar 5 02:25:03.867: ppp4 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:25:03.871: ppp4 PPP: Phase is AUTHENTICATING, Unauthenticated User
*Mar 5 02:25:03.871: ppp4 PPP: Sent MSCHAP LOGIN Request
*Mar 5 02:25:03.963: ppp4 PPP: Received LOGIN Response PASS
*Mar 5 02:25:03.963: ppp4 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:25:03.975: Vi4 PPP: Phase is DOWN, Setup
*Mar 5 02:25:03.975: Tn1/Sn5/5 PPTP: Virtual interface created for
bandwidth 100000 Kbps
*Mar 5 02:25:03.979: Vi4 Tn1/Sn5/5 PPTP: VPDN session up
*Mar 5 02:25:03.983: %LINK-3-UPDOWN: Interface Virtual-Access4, changed state to up
*Mar 5 02:25:03.983: Vi4 PPP: Phase is AUTHENTICATING, Authenticated User
*Mar 5 02:25:03.983: Vi4 MS-CHAP: O SUCCESS id 1 len 4
*Mar 5 02:25:03.987: Vi4 PPP: Phase is UP
*Mar 5 02:25:03.987: Vi4 IPCP: O CONFREQ [Closed] id 1 len 10
*Mar 5 02:25:03.987: Vi4 IPCP: Address 172.16.142.191 (0x0306AC108EBF)
*Mar 5 02:25:03.987: Vi4 CCP: O CONFREQ [Closed] id 1 len 10
*Mar 5 02:25:03.987: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:25:03.987: Vi4 PPP: Process pending packets
*Mar 5 02:25:03.995: Vi4 CCP: I CONFREQ [REQsent] id 5 len 10
*Mar 5 02:25:03.995: Vi4 CCP: MS-PPC supported bits 0x01000001 (0x120601000001)
*Mar 5 02:25:03.999: Vi4 CCP: O CONFNAK [REQsent] id 5 len 10
*Mar 5 02:25:03.999: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:25:03.999: Vi4 CCP: I CONFNAK [REQsent] id 1 len 10
*Mar 5 02:25:03.999: Vi4 CCP: MS-PPC supported bits 0x01000040 (0x120601000040)
*Mar 5 02:25:03.999: Vi4 CCP: O CONFREQ [REQsent] id 2 len 10
*Mar 5 02:25:03.999: Vi4 CCP: MS-PPC supported bits 0x01000040 (0x120601000040)
*Mar 5 02:25:04.003: Vi4 IPCP: I CONFREQ [REQsent] id 6 len 34
*Mar 5 02:25:04.003: Vi4 IPCP: Address 0.0.0.0 (0x030600000000)
*Mar 5 02:25:04.003: Vi4 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000)
```

```

*Mar 5 02:25:04.003: Vi4 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000)
*Mar 5 02:25:04.003: Vi4 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000)
*Mar 5 02:25:04.003: Vi4 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000)
*Mar 5 02:25:04.003: Vi4 AAA/AUTHOR/PCP: Start. Her address 0.0.0.0, we want 0.0.0.0
*Mar 5 02:25:04.007: Vi4 AAA/AUTHOR/PCP: Done. Her address 0.0.0.0, we want 0.0.0.0
*Mar 5 02:25:04.007: Vi4 IPCP: Pool returned 192.168.1.4
*Mar 5 02:25:04.007: Vi4 IPCP: O CONFREQ [REQsent] id 6 len 28
*Mar 5 02:25:04.007: Vi4 IPCP: PrimaryDNS 0.0.0.0 (0x810600000000)
*Mar 5 02:25:04.007: Vi4 IPCP: PrimaryWINS 0.0.0.0 (0x820600000000)
*Mar 5 02:25:04.007: Vi4 IPCP: SecondaryDNS 0.0.0.0 (0x830600000000)
*Mar 5 02:25:04.011: Vi4 IPCP: SecondaryWINS 0.0.0.0 (0x840600000000)
*Mar 5 02:25:04.011: Vi4 IPCP: I CONFACK [REQsent] id 1 len 10
*Mar 5 02:25:04.011: Vi4 IPCP: Address 172.16.142.191 (0x0306AC108EBF)
*Mar 5 02:25:04.015: Vi4 CCP: I CONFREQ [REQsent] id 7 len 10
*Mar 5 02:25:04.015: Vi4 CCP: MS-PPC supported bits 0x01000040 (0x120601000040)
*Mar 5 02:25:04.015: Vi4 CCP: O CONFACK [REQsent] id 7 len 10
*Mar 5 02:25:04.015: Vi4 CCP: MS-PPC supported bits 0x01000040 (0x120601000040)
*Mar 5 02:25:04.019: Vi4 CCP: I CONFACK [ACKsent] id 2 len 10
*Mar 5 02:25:04.019: Vi4 CCP: MS-PPC supported bits 0x01000040 (0x120601000040)
*Mar 5 02:25:04.019: Vi4 CCP: State is Open
*Mar 5 02:25:04.023: Vi4 IPCP: I CONFREQ [ACKrcvd] id 8 len 10
*Mar 5 02:25:04.027: Vi4 IPCP: Address 0.0.0.0 (0x030600000000)
*Mar 5 02:25:04.027: Vi4 IPCP: O CONFNAK [ACKrcvd] id 8 len 10
*Mar 5 02:25:04.027: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:25:04.031: Vi4 IPCP: I CONFREQ [ACKrcvd] id 9 len 10
*Mar 5 02:25:04.031: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:25:04.031: Vi4 IPCP: O CONFACK [ACKrcvd] id 9 len 10
*Mar 5 02:25:04.031: Vi4 IPCP: Address 192.168.1.4 (0x0306C0A80104)
*Mar 5 02:25:04.031: Vi4 IPCP: State is Open
*Mar 5 02:25:04.035: Vi4 IPCP: Install route to 192.168.1.4
*Mar 5 02:25:04.035: Vi4 IPCP: Add link info for cef entry 192.168.1.4
*Mar 5 02:25:04.983: %LINEPROTO-5-UPDOWN: Line protocol on Interface
Virtual-Access4, changed state to up

```

Esta saída de **show user** é anterior a MS-CHAP e MPPE serem ativados.

```
2621#show user
```

Line	User	Host(s)	Idle	Location
* 0 con 0		idle	00:00:00	

Interface	User	Mode	Idle	Peer Address
Vi4	cisco	PPPoVPDN	00:00:01	192.168.1.4

Esta saída de **show user** é depois que MS-CHAP e MPPE são ativados.

```
2621#show user
```

Line	User	Host(s)	Idle	Location
* 0 con 0		idle	00:00:00	

Interface	User	Mode	Idle	Peer Address
Vi4	cisco	PPPoVPDN	00:00:00	192.168.1.4

Esta saída **show ip route connected** é antes de MS-CHAP e MPPE serem ativados.

```
2621#show ip route connected
```

```

172.16.0.0/24 is subnetted, 1 subnets
C    172.16.142.0 is directly connected, FastEthernet0/0
10.0.0.0/24 is subnetted, 1 subnets
C    10.100.100.0 is directly connected, Loopback0
192.168.1.0/32 is subnetted, 1 subnets
C    192.168.1.4 is directly connected, Virtual-Access4

```


Esta saída **show vpdn** é anterior a MS-CHAP e MPPE serem ativados.

```
2621#show vpdn
```

```
%No active L2TP tunnels
```

```
%No active L2F tunnels
```

```
PPTP Tunnel and Session Information Total tunnels 1 sessions 1
```

LocID	Remote Name	State	Remote Address	Port	Sessions	VPDN Group
3		estabd	171.69.89.81	4737	1	1

LocID	RemID	TunID	Intf	Username	State	Last Chg	Uniq ID
3	32768	3	Vi4	cisco	estabd	00:01:44	2

```
%No active PPPoE tunnels
```

Esta saída **show vpdn** é depois que MS-CHAP e MPPE são ativados.

```
2621#show vpdn
```

```
%No active L2TP tunnels
```

```
%No active L2F tunnels
```

```
PPTP Tunnel and Session Information Total tunnels 1 sessions 1
```

LocID	Remote Name	State	Remote Address	Port	Sessions	VPDN Group
5		estabd	171.69.89.81	4893	1	1

LocID	RemID	TunID	Intf	Username	State	Last Chg	Uniq ID
5	0	5	Vi4	cisco	estabd	00:00:37	4

```
%No active PPPoE tunnels
```

[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.](#)

Nota: Consulte **Informações Importantes sobre Comandos de Depuração antes de usar comandos debug.**

- **clear vpdn tunnel pptp** — Usado para desligar um túnel especificado e todas as sessões dentro do túnel e limpa o túnel PPTP especificado

```
2621#clear vpdn tunnel pptp ip remote 171.69.89.81
```

```
Starting to clear the tunnel
```

```
2621#
```

```

*Mar 5 02:27:35.611: Vi4 PPP: Sending Acct Event[Down] id[5]
*Mar 5 02:27:35.611: Vi4 VPDN: Reseting interface
*Mar 5 02:27:35.611: Vi4 PPP: Block vaccess from being freed [0x1D]
*Mar 5 02:27:35.619: %LINK-3-UPDOWN: Interface Virtual-Access4, changed state to down
*Mar 5 02:27:35.619: Vi4 CCP: State is Closed
*Mar 5 02:27:35.623: Vi4 MPPE: Required encryption not negotiated
*Mar 5 02:27:35.623: Vi4 IPCP: Remove link info for cef entry 192.168.1.4
*Mar 5 02:27:35.623: Vi4 PPP: Unlocked by [0x4] Still Locked by [0x1B]
*Mar 5 02:27:35.623: Vi4 PPP: Unlocked by [0x10] Still Locked by [0xB]
*Mar 5 02:27:35.623: Vi4 PPP: Phase is TERMINATING
*Mar 5 02:27:35.627: Vi4 LCP: O TERMREQ [Open] id 2 len 4
*Mar 5 02:27:35.627: Vi4 IPCP: State is Closed
*Mar 5 02:27:35.627: Vi4 PPP: Unlocked by [0x8] Still Locked by [0x3]
*Mar 5 02:27:35.627: Vi4 LCP: State is Closed
*Mar 5 02:27:35.627: Vi4 PPP: Phase is DOWN
*Mar 5 02:27:35.627: Vi4 PPP: Unlocked by [0x2] Still Locked by [0x1]
*Mar 5 02:27:35.639: Vi4 IPCP: Remove route to 192.168.1.4
*Mar 5 02:27:35.639: Vi4 PPP: Unlocked by [0x1] Still Locked by [0x0]
*Mar 5 02:27:35.639: Vi4 PPP: Free previously blocked vaccess
*Mar 5 02:27:36.619: %LINEPROTO-5-UPDOWN: Line protocol on Interface
Virtual-Access4, changed state to down

```

Incompatibilidade de criptografia — Saída de depuração do roteador configurado para criptografia forte de 128 quando o VPN Client está configurado para criptografia de 40 bits.

2621#

2621#

```

*Mar 5 02:29:36.339: ppp5 PPP: Using vpn set call direction
*Mar 5 02:29:36.339: ppp5 PPP: Treating connection as a callin
*Mar 5 02:29:36.339: ppp5 PPP: Phase is ESTABLISHING, Passive Open
*Mar 5 02:29:36.343: ppp5 LCP: State is Listen
*Mar 5 02:29:38.351: ppp5 LCP: TIMEout: State Listen
*Mar 5 02:29:38.351: ppp5 PPP: Authorization required
*Mar 5 02:29:38.351: ppp5 LCP: O CONFREQ [Listen] id 1 len 15
*Mar 5 02:29:38.351: ppp5 LCP:   AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:29:38.351: ppp5 LCP:   MagicNumber 0x1664E006 (0x05061664E006)
*Mar 5 02:29:38.359: ppp5 LCP: I CONFACK [REQsent] id 1 len 15
*Mar 5 02:29:38.359: ppp5 LCP:   AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:29:38.359: ppp5 LCP:   MagicNumber 0x1664E006 (0x05061664E006)
*Mar 5 02:29:38.359: ppp5 LCP: I CONFREQ [ACKrcvd] id 1 len 44
*Mar 5 02:29:38.359: ppp5 LCP:   MagicNumber 0x793D5ED8 (0x0506793D5ED8)
*Mar 5 02:29:38.363: ppp5 LCP:   PFC (0x0702)
*Mar 5 02:29:38.363: ppp5 LCP:   ACFC (0x0802)
*Mar 5 02:29:38.363: ppp5 LCP:   Callback 6 (0x0D0306)
*Mar 5 02:29:38.363: ppp5 LCP:   MRRU 1614 (0x1104064E)
*Mar 5 02:29:38.363: ppp5 LCP:   EndpointDisc 1 Local
*Mar 5 02:29:38.363: ppp5 LCP:   (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:29:38.363: ppp5 LCP:   (0x897EAE00000005)
*Mar 5 02:29:38.363: ppp5 LCP: O CONFREQ [ACKrcvd] id 1 len 11
*Mar 5 02:29:38.367: ppp5 LCP:   Callback 6 (0x0D0306)
*Mar 5 02:29:38.367: ppp5 LCP:   MRRU 1614 (0x1104064E)
*Mar 5 02:29:38.367: ppp5 LCP: I CONFREQ [ACKrcvd] id 2 len 37
*Mar 5 02:29:38.371: ppp5 LCP:   MagicNumber 0x793D5ED8 (0x0506793D5ED8)
*Mar 5 02:29:38.371: ppp5 LCP:   PFC (0x0702)
*Mar 5 02:29:38.371: ppp5 LCP:   ACFC (0x0802)
*Mar 5 02:29:38.371: ppp5 LCP:   EndpointDisc 1 Local
*Mar 5 02:29:38.371: ppp5 LCP:   (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:29:38.371: ppp5 LCP:   (0x897EAE00000005)
*Mar 5 02:29:38.371: ppp5 LCP: O CONFACK [ACKrcvd] id 2 len 37
*Mar 5 02:29:38.375: ppp5 LCP:   MagicNumber 0x793D5ED8 (0x0506793D5ED8)
*Mar 5 02:29:38.375: ppp5 LCP:   PFC (0x0702)
*Mar 5 02:29:38.375: ppp5 LCP:   ACFC (0x0802)
*Mar 5 02:29:38.375: ppp5 LCP:   EndpointDisc 1 Local

```

```

*Mar 5 02:29:38.375: ppp5 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:29:38.375: ppp5 LCP: (0x897EAE00000005)
*Mar 5 02:29:38.375: ppp5 LCP: State is Open
*Mar 5 02:29:38.375: ppp5 PPP: Phase is AUTHENTICATING, by this end
*Mar 5 02:29:38.379: ppp5 MS-CHAP: O CHALLENGE id 1 len 21 from "2621 "
*Mar 5 02:29:38.383: ppp5 LCP: I IDENTIFY [Open] id 3 len 18 magic
0x793D5ED8 MSRASV5.00
*Mar 5 02:29:38.383: ppp5 LCP: I IDENTIFY [Open] id 4 len 28 magic
0x793D5ED8 MSRAS-1-USHAFIQ-W2K1
*Mar 5 02:29:38.383: ppp5 MS-CHAP: I RESPONSE id 1 len 59 from "cisco"
*Mar 5 02:29:38.383: ppp5 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:29:38.387: ppp5 PPP: Phase is AUTHENTICATING, Unauthenticated User
*Mar 5 02:29:38.387: ppp5 PPP: Sent MSCHAP LOGIN Request
*Mar 5 02:29:38.475: ppp5 PPP: Received LOGIN Response PASS
*Mar 5 02:29:38.479: ppp5 PPP: Phase is FORWARDING, Attempting Forward
*Mar 5 02:29:38.483: Vi4 PPP: Phase is DOWN, Setup
*Mar 5 02:29:38.483: Tnl/Sn6/6 PPTP: Virtual interface created for
bandwidth 100000 Kbps
*Mar 5 02:29:38.483: Vi4 Tnl/Sn6/6 PPTP: VPDN session up
*Mar 5 02:29:38.487: %LINK-3-UPDOWN: Interface Virtual-Access4, changed state to up
*Mar 5 02:29:38.487: Vi4 PPP: Phase is AUTHENTICATING, Authenticated User
*Mar 5 02:29:38.487: Vi4 MS-CHAP: O SUCCESS id 1 len 4
*Mar 5 02:29:38.491: Vi4 PPP: Phase is UP
*Mar 5 02:29:38.491: Vi4 IPCP: O CONFREQ [Closed] id 1 len 10
*Mar 5 02:29:38.491: Vi4 IPCP: Address 172.16.142.191 (0x0306AC108EBF)
*Mar 5 02:29:38.491: Vi4 CCP: O CONFREQ [Closed] id 1 len 10
*Mar 5 02:29:38.491: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:29:38.491: Vi4 PPP: Process pending packets
*Mar 5 02:29:38.499: Vi4 CCP: I CONFREQ [REQsent] id 5 len 10
*Mar 5 02:29:38.503: Vi4 CCP: MS-PPC supported bits 0x01000001 (0x120601000001)
*Mar 5 02:29:38.503: Vi4 CCP: O CONFNAK [REQsent] id 5 len 10
*Mar 5 02:29:38.503: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:29:38.503: Vi4 CCP: I CONFREQ [REQsent] id 1 len 10
*Mar 5 02:29:38.503: Vi4 CCP: MS-PPC supported bits 0x01000060 (0x120601000060)
*Mar 5 02:29:38.503: Vi4 MPPE: Required encryption not negotiated
*Mar 5 02:29:38.503: Vi4 PPP: Sending Acct Event[Down] id[6]
*Mar 5 02:29:38.507: Vi4 CCP: State is Closed
*Mar 5 02:29:38.507: Vi4 MPPE: Required encryption not negotiated
*Mar 5 02:29:38.507: Vi4 PPP: Phase is TERMINATING
*Mar 5 02:29:38.507: Vi4 LCP: O TERMREQ [Open] id 2 len 4
*Mar 5 02:29:38.507: Vi4 IPCP: State is Closed
*Mar 5 02:29:38.507: Vi4 LCP: State is Closed
*Mar 5 02:29:38.511: Vi4 PPP: Phase is DOWN
*Mar 5 02:29:38.511: Vi4 VPDN: Reseting interface
*Mar 5 02:29:38.515: Vi4 PPP: Phase is ESTABLISHING, Passive Open
*Mar 5 02:29:38.515: Vi4 LCP: State is Listen
*Mar 5 02:29:38.515: Vi4 CCP: O CONFREQ [Closed] id 2 len 4
*Mar 5 02:29:38.519: %LINK-3-UPDOWN: Interface Virtual-Access4, changed state to down
*Mar 5 02:29:38.519: Vi4 LCP: State is Closed
*Mar 5 02:29:38.519: Vi4 PPP: Phase is DOWN

```

Authentication Mismatch — Saída de depuração do roteador configurado para MS-CHAP e o VPN Client configurado para PAP.

```

*Mar 5 02:30:46.555: ppp6 PPP: Using vpn set call direction
*Mar 5 02:30:46.559: ppp6 PPP: Treating connection as a callin
*Mar 5 02:30:46.559: ppp6 PPP: Phase is ESTABLISHING, Passive Open
*Mar 5 02:30:46.559: ppp6 LCP: State is Listen
*Mar 5 02:30:48.559: ppp6 LCP: TIMEout: State Listen
*Mar 5 02:30:48.559: ppp6 PPP: Authorization required
*Mar 5 02:30:48.559: ppp6 LCP: O CONFREQ [Listen] id 1 len 15
*Mar 5 02:30:48.559: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.559: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)

```

*Mar 5 02:30:48.575: ppp6 LCP: I CONFNAK [REQsent] id 1 len 8
*Mar 5 02:30:48.575: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.575: ppp6 LCP: O CONFREQ [REQsent] id 2 len 15
*Mar 5 02:30:48.575: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.575: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.579: ppp6 LCP: I CONFREQ [REQsent] id 1 len 44
*Mar 5 02:30:48.579: ppp6 LCP: MagicNumber 0x78FD271D (0x050678FD271D)
*Mar 5 02:30:48.579: ppp6 LCP: PFC (0x0702)
*Mar 5 02:30:48.579: ppp6 LCP: ACFC (0x0802)
*Mar 5 02:30:48.579: ppp6 LCP: Callback 6 (0x0D0306)
*Mar 5 02:30:48.579: ppp6 LCP: MRRU 1614 (0x1104064E)
*Mar 5 02:30:48.579: ppp6 LCP: EndpointDisc 1 Local
*Mar 5 02:30:48.583: ppp6 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:30:48.583: ppp6 LCP: (0x897EAE00000006)
*Mar 5 02:30:48.583: ppp6 LCP: O CONFREQ [REQsent] id 1 len 11
*Mar 5 02:30:48.583: ppp6 LCP: Callback 6 (0x0D0306)
*Mar 5 02:30:48.583: ppp6 LCP: MRRU 1614 (0x1104064E)
*Mar 5 02:30:48.587: ppp6 LCP: I CONFNAK [REQsent] id 2 len 8
*Mar 5 02:30:48.587: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.587: ppp6 LCP: O CONFREQ [REQsent] id 3 len 15
*Mar 5 02:30:48.587: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.587: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.591: ppp6 LCP: I CONFREQ [REQsent] id 2 len 37
*Mar 5 02:30:48.591: ppp6 LCP: MagicNumber 0x78FD271D (0x050678FD271D)
*Mar 5 02:30:48.591: ppp6 LCP: PFC (0x0702)
*Mar 5 02:30:48.591: ppp6 LCP: ACFC (0x0802)
*Mar 5 02:30:48.591: ppp6 LCP: EndpointDisc 1 Local
*Mar 5 02:30:48.591: ppp6 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:30:48.595: ppp6 LCP: (0x897EAE00000006)
*Mar 5 02:30:48.595: ppp6 LCP: O CONFACK [REQsent] id 2 len 37
*Mar 5 02:30:48.595: ppp6 LCP: MagicNumber 0x78FD271D (0x050678FD271D)
*Mar 5 02:30:48.595: ppp6 LCP: PFC (0x0702)
*Mar 5 02:30:48.595: ppp6 LCP: ACFC (0x0802)
*Mar 5 02:30:48.595: ppp6 LCP: EndpointDisc 1 Local
*Mar 5 02:30:48.595: ppp6 LCP: (0x131701E18F20C4D84A435B98EBA4BEA6)
*Mar 5 02:30:48.595: ppp6 LCP: (0x897EAE00000006)
*Mar 5 02:30:48.599: ppp6 LCP: I CONFNAK [ACKsent] id 3 len 8
*Mar 5 02:30:48.599: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.599: ppp6 LCP: O CONFREQ [ACKsent] id 4 len 15
*Mar 5 02:30:48.599: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.599: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.603: ppp6 LCP: I CONFNAK [ACKsent] id 4 len 8
*Mar 5 02:30:48.603: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.607: ppp6 LCP: O CONFREQ [ACKsent] id 5 len 15
*Mar 5 02:30:48.607: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.607: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.611: ppp6 LCP: I CONFNAK [ACKsent] id 5 len 8
*Mar 5 02:30:48.611: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.611: ppp6 LCP: O CONFREQ [ACKsent] id 6 len 15
*Mar 5 02:30:48.611: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.611: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.615: ppp6 LCP: I CONFNAK [ACKsent] id 6 len 8
*Mar 5 02:30:48.615: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.615: ppp6 LCP: O CONFREQ [ACKsent] id 7 len 15
*Mar 5 02:30:48.615: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.619: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.619: ppp6 LCP: I CONFNAK [ACKsent] id 7 len 8
*Mar 5 02:30:48.619: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.623: ppp6 LCP: O CONFREQ [ACKsent] id 8 len 15
*Mar 5 02:30:48.623: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.623: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.627: ppp6 LCP: I CONFNAK [ACKsent] id 8 len 8
*Mar 5 02:30:48.627: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.627: ppp6 LCP: O CONFREQ [ACKsent] id 9 len 15

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*Mar 5 02:30:48.627: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.627: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.631: ppp6 LCP: I CONFNAK [ACKsent] id 9 len 8
*Mar 5 02:30:48.631: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.631: ppp6 LCP: O CONFREQ [ACKsent] id 10 len 15
*Mar 5 02:30:48.635: ppp6 LCP: AuthProto MS-CHAP (0x0305C22380)
*Mar 5 02:30:48.635: ppp6 LCP: MagicNumber 0x1665F247 (0x05061665F247)
*Mar 5 02:30:48.635: ppp6 LCP: I CONFNAK [ACKsent] id 10 len 8
*Mar 5 02:30:48.639: ppp6 LCP: AuthProto PAP (0x0304C023)
*Mar 5 02:30:48.639: ppp6 LCP: Failed to negotiate with peer
*Mar 5 02:30:48.639: ppp6 PPP: Sending Acct Event[Down] id[7]
*Mar 5 02:30:48.639: ppp6 LCP: O TERMREQ [ACKsent] id 11 len 4
*Mar 5 02:30:48.639: ppp6 PPP: Phase is TERMINATING
*Mar 5 02:30:48.647: ppp6 LCP: I TERMACK [TERMsent] id 11 len 4
*Mar 5 02:30:48.647: ppp6 LCP: State is Closed
*Mar 5 02:30:48.647: ppp6 PPP: Phase is DOWN
```

[Informações Relacionadas](#)

- [Configurando o Cisco Secure PIX Firewall para utilizar PPTP](#)
- [Página de suporte do PPTP](#)
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