Configuración de IPSec de cliente VPN de Solaris versión 3.5 en un concentrador VPN 3000

Contenido

Introducción

Este documento ilustra cómo configurar VPN Client 3.5 para Solaris 2.6 para conectar con un VPN 3000 Concentrator.

Prerequisites

Requirements

Antes de utilizar esta configuración, asegúrese de que cumple con los siguientes requisitos previos.

- Este ejemplo utiliza una clave previamente compartida para la autenticación de grupo. El nombre de usuario y la contraseña (autenticación extendida) se comprueban con la base de datos interna del concentrador VPN.
- El VPN Client debe estar instalado correctamente. Refiérase a Instalación del Cliente VPN para Solaris para obtener detalles sobre la instalación.
- La conectividad IP debe existir entre el VPN Client y la interfaz pública del VPN Concentrator. La máscara de subred y la información de la puerta de enlace deben configurarse correctamente.

Componentes Utilizados

La información que contiene este documento se basa en estas versiones de software y hardware.

- Cisco VPN Client para Solaris 2.6 versión 3.5, imagen 3DES. (nombre de la imagen: vpnclient-solaris5.6-3.5.Rel-k9.tar.Z)
- Tipo de concentrador VPN de Cisco: 3005 Código de arranque Rev: Altiga Networks/VPN Concentrator Versión 2.2.int_9 19 ene 2000 05:36:41 Software Rev: Cisco Systems, Inc./VPN 3000 Concentrator Series Versión 3.1.Rel 06 Agosto 2001 13:47:37

La información que se presenta en este documento se originó a partir de dispositivos dentro de un ambiente de laboratorio específico. All of the devices used in this document started with a cleared (default) configuration. Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener un comando antes de ejecutarlo.

Convenciones

Para obtener más información sobre las convenciones del documento, consulte Convenciones de Consejos Técnicos de Cisco.

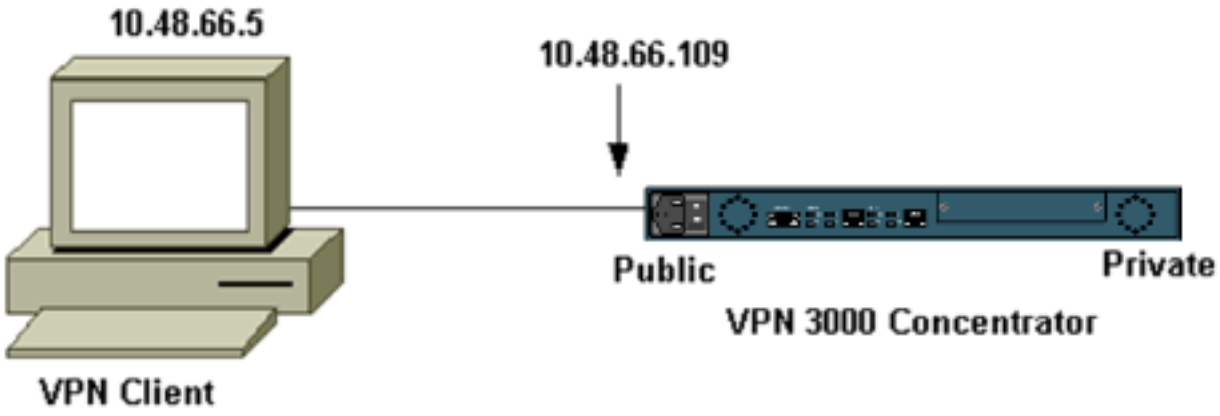
Configurar

En esta sección encontrará la información para configurar las funciones descritas en este documento.

Nota: Para encontrar información adicional sobre los comandos usados en este documento, utilice la Command Lookup Tool (sólo clientes registrados) .

Diagrama de la red

Este documento utiliza la instalación de red que se muestra en el siguiente diagrama.



Nota: Para que VPN Client 3.5 se conecte al VPN Concentrator, necesita la versión 3.0 o posterior en el concentrador.

Configuraciones

Creación de un perfil de usuario para la conexión

Los perfiles de usuario se almacenan en el directorio /etc/CiscoSystemsVPNClient/Profiles. Estos archivos de texto tienen una extensión .pcf y contienen los parámetros necesarios para establecer una conexión a un concentrador VPN. Puede crear un archivo nuevo o editar uno existente. Debe encontrar un perfil de ejemplo, sample.pcf, en el directorio de perfiles. Este ejemplo sigue al uso de ese archivo para crear un nuevo perfil denominado toCORPORATE.pcf.

```
[cholera]: ~ > cd /etc/CiscoSystemsVPNClient/Profiles/
[cholera]: /etc/CiscoSystemsVPNClient/Profiles > cp sample.pcf toCORPORATE.pcf
```

Puede utilizar su editor de texto favorito para editar este nuevo archivo, toCORPORATE.pcf. Antes de realizar cualquier modificación, el archivo tiene el aspecto siguiente.

Nota: Si desea utilizar IPSec sobre traducción de direcciones de red (NAT), la entrada EnableNat de la siguiente configuración debe decir "EnableNat=1" en lugar de "EnableNat=0".

```
[main]
Description=sample user profile
Host=10.7.44.1
AuthType=1
GroupName=monkeys
EnableISPConnect=0
ISPConnectType=0
ISPConnect=
ISPCommand=
Username=chimchim
SaveUserPassword=0
EnableBackup=0
BackupServer=
EnableNat=0
CertStore=0
CertName=
CertPath=
CertSubjectName=
CertSerialHash=00000000000000000000000000000000
DHGroup=2
ForceKeepAlives=0
```

Consulte Perfiles de usuario para obtener una descripción de las palabras clave del perfil de usuario.

Para configurar correctamente el perfil, debe conocer, como mínimo, los valores equivalentes para la siguiente información.

- Nombre de host o dirección IP pública del concentrador VPN (10.48.66.109)
- El nombre del grupo (RemoteClient)
- La contraseña del grupo (cisco)
- El nombre de usuario (joe)

Edite el archivo con su información para que sea similar a lo siguiente.

```
[main]
Description=Connection to the corporate
Host=10.48.66.109
AuthType=1
GroupName=RemoteClient
GroupPwd=cisco
```

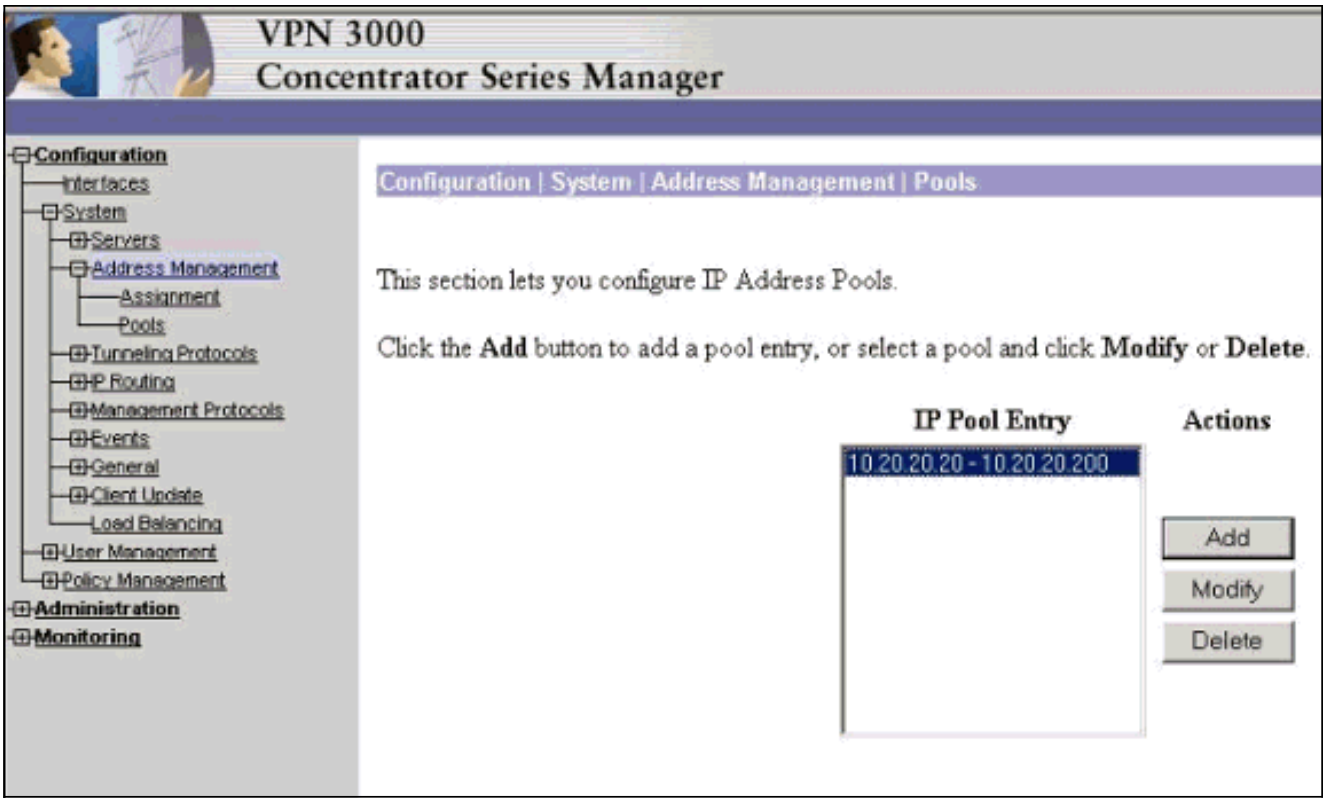
```
EnableISPConnect=0
ISPConnectType=0
ISPConnect=
ISPCommand=
Username=joe
SaveUserPassword=0
EnableBackup=0
BackupServer=
EnableNat=0
CertStore=0
CertName=
CertPath=
CertSubjectName=
CertSerialHash=0000000000000000000000000000000000000000
DHGroup=2
ForceKeepAlives=0
```

Configuración del concentrador VPN

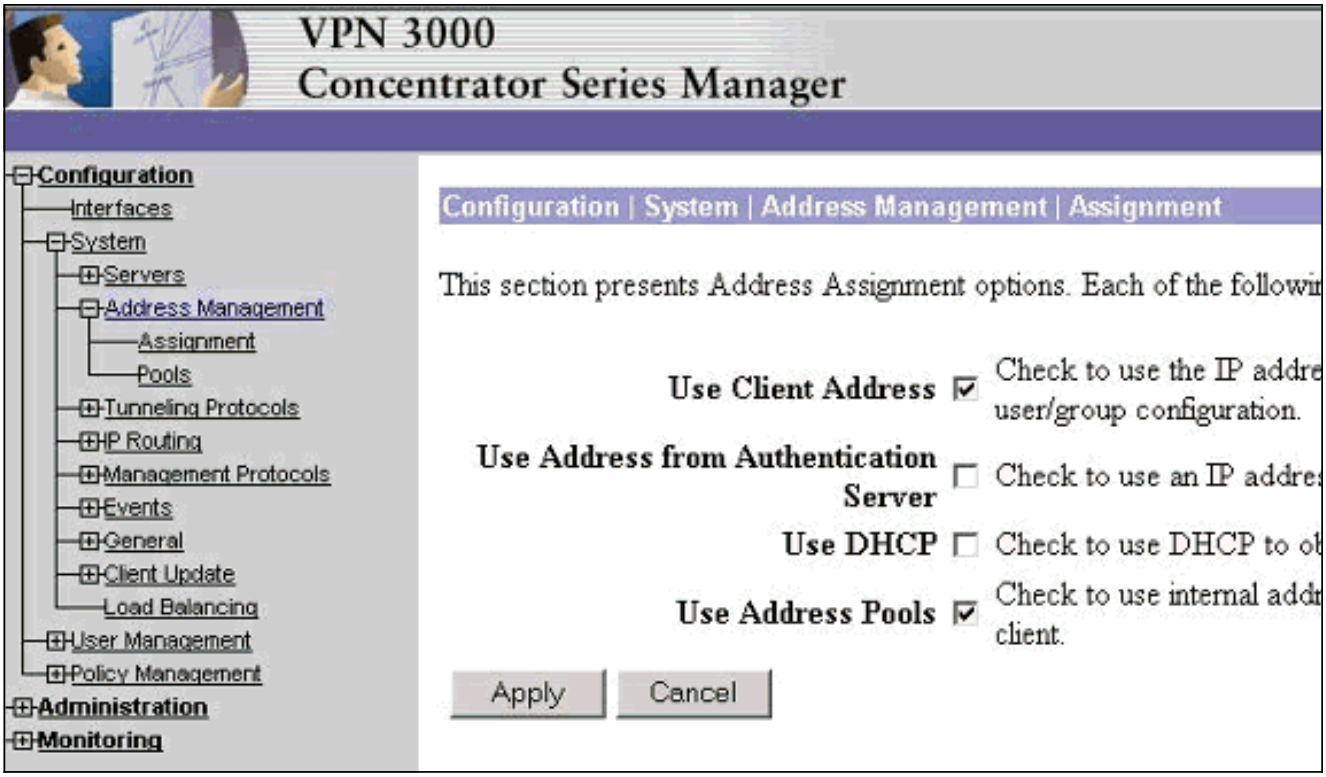
Utilice los siguientes pasos para configurar el concentrador VPN.

Nota: Debido a las limitaciones de espacio, las capturas de pantalla sólo muestran áreas parciales o relevantes.

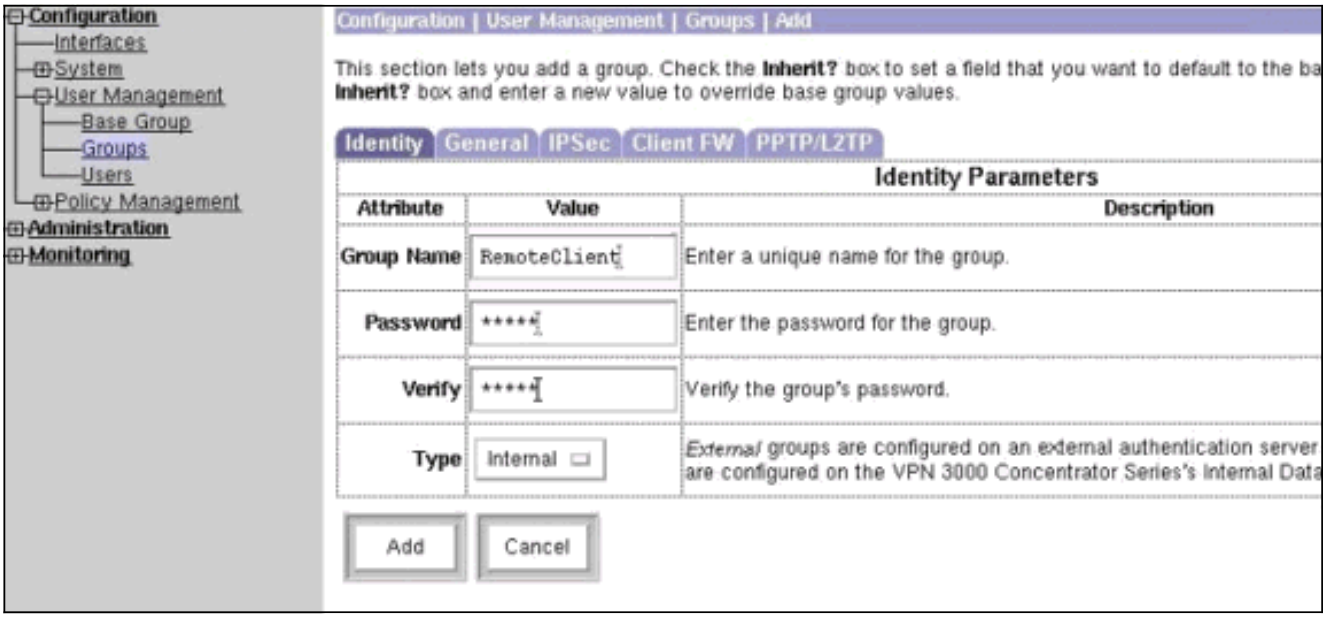
1. Asigne el conjunto de direcciones. Para asignar un rango disponible de direcciones IP, señale un buscador a la interfaz interna del VPN Concentrator y seleccione **Configuration > System > Address Management >Pools** . Haga clic en Add (Agregar). Especifique un rango de direcciones IP que no entren en conflicto con otros dispositivos de la red.



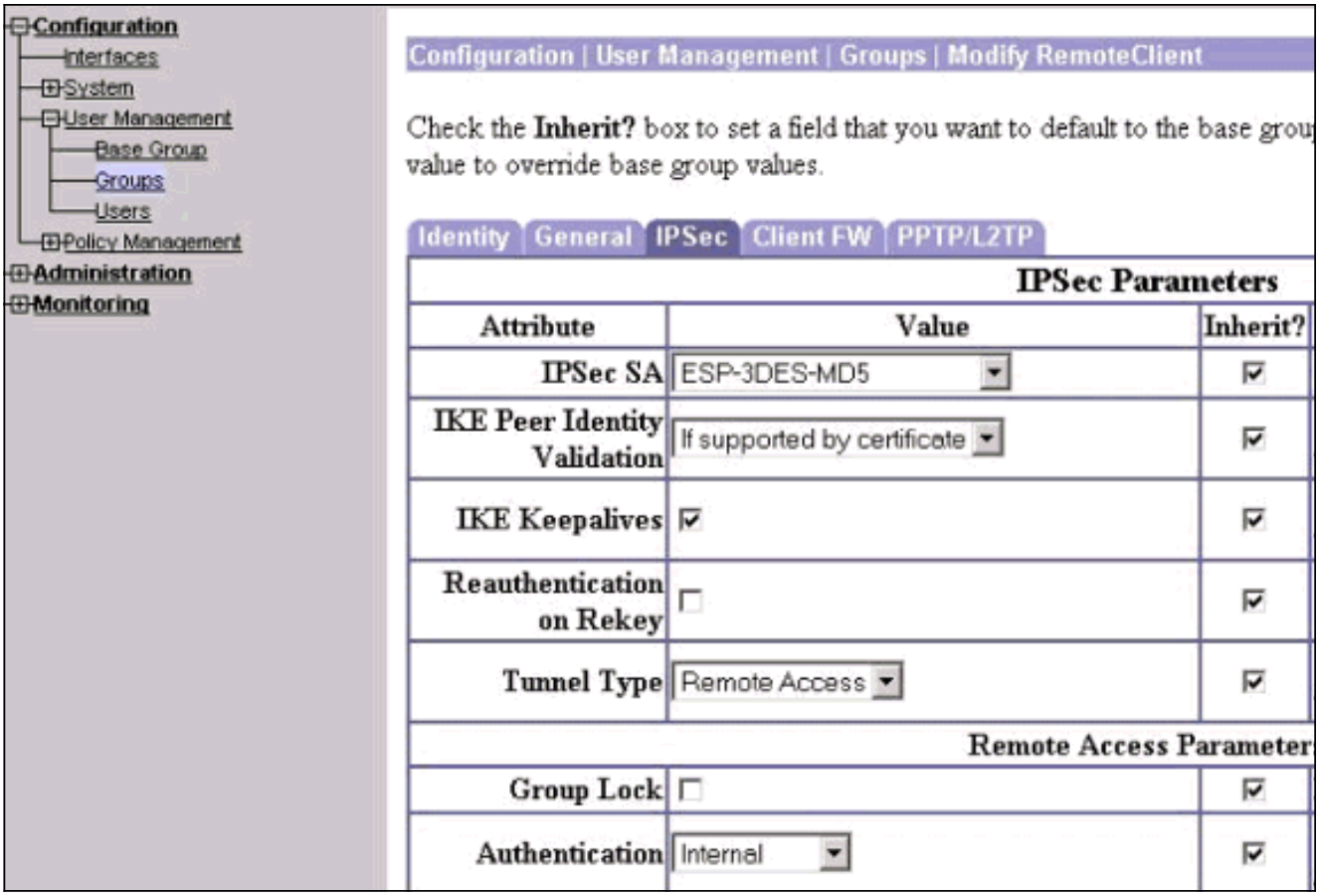
2. Para indicar al VPN Concentrator que utilice el conjunto, seleccione **Configuration > System > Address Management > Assignment**, active la casilla **Use Address Pools** y, a continuación, haga clic en **Apply**.



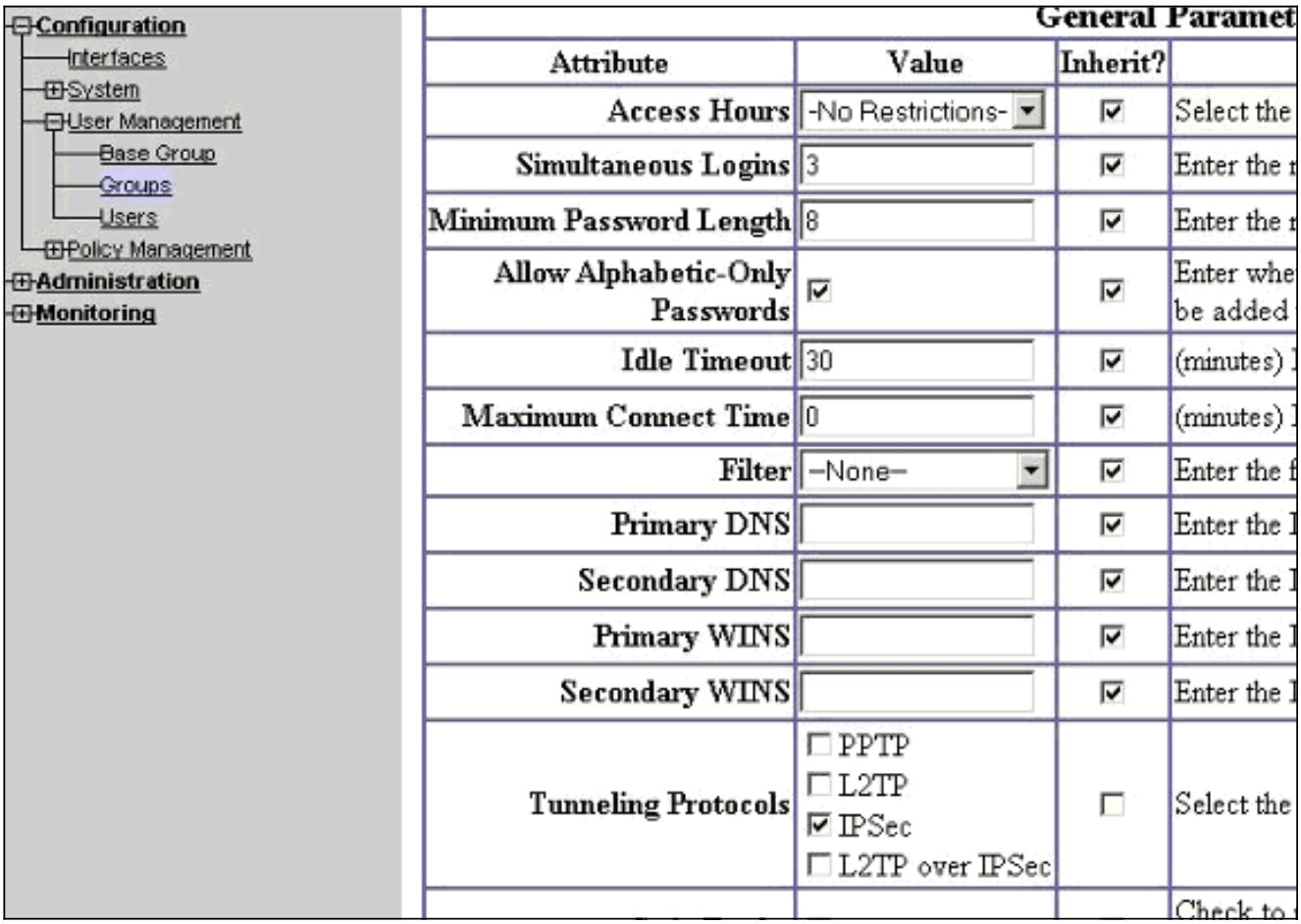
3. Agregue un grupo y una contraseña. Seleccione **Configuration > User Management > Groups** y luego haga clic en **Add Group**. Introduzca la información correcta y, a continuación, haga clic en **Agregar** para enviar la información.Este ejemplo utiliza un grupo denominado "RemoteClient" con una contraseña de "cisco".



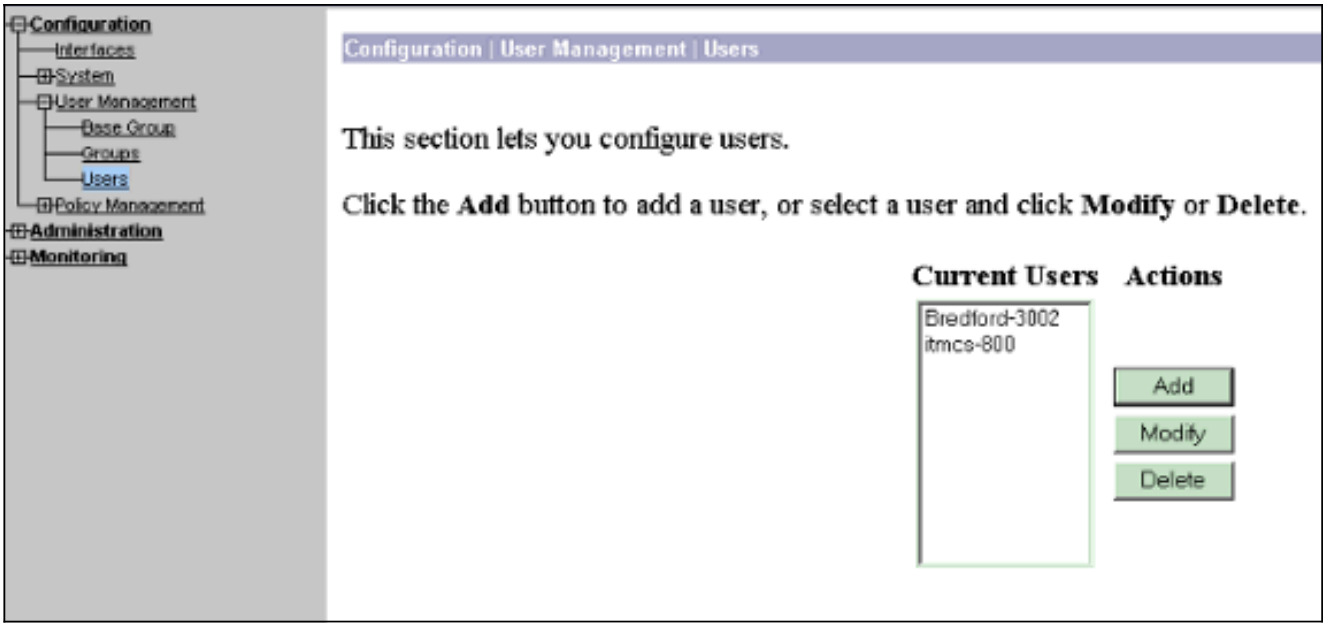
4. En la ficha IPSec del grupo, verifique que la autenticación esté establecida en **Interna**.



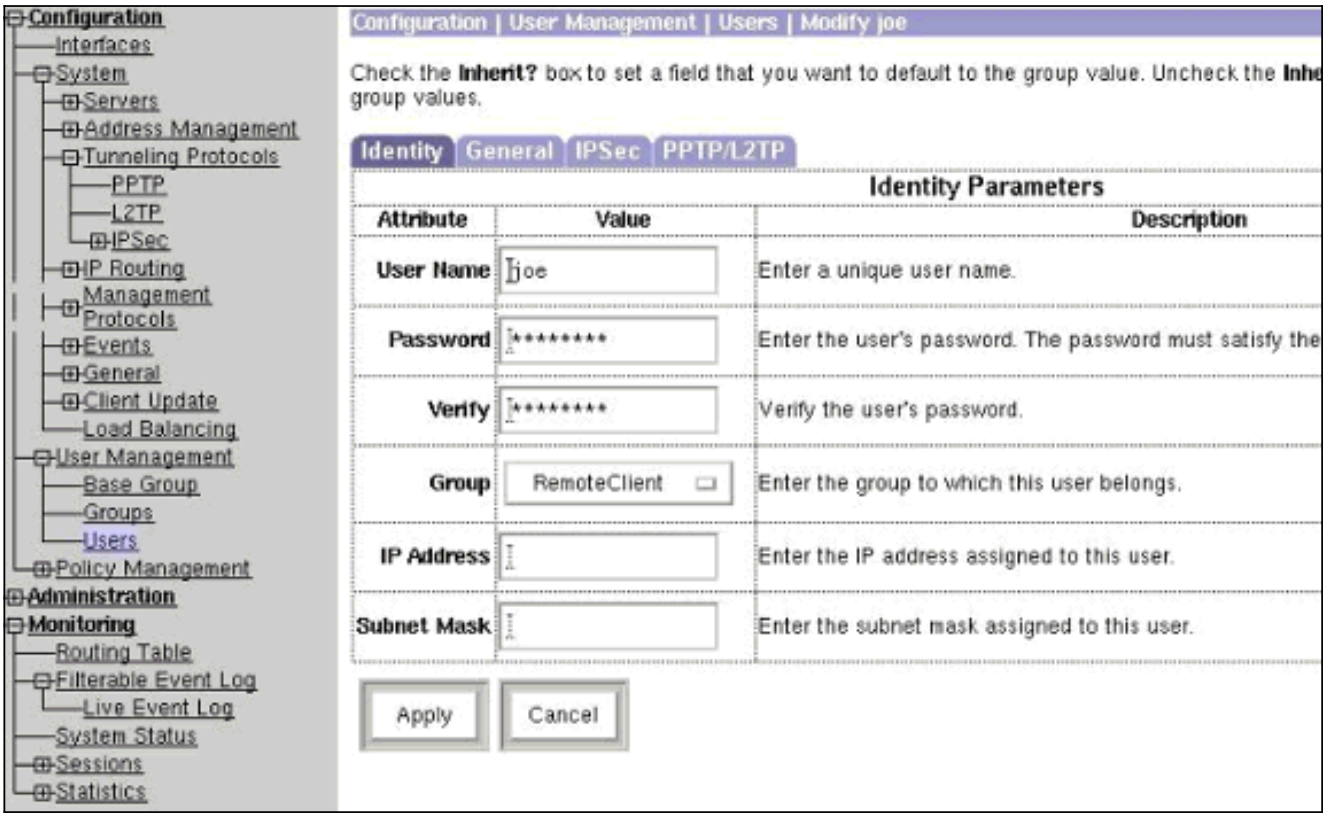
5. En la ficha General del grupo, verifique que **IPSec** esté seleccionado como protocolos de tunelización.



6. Para agregar el usuario al VPN Concentrator, seleccione **Configuration > User Management > Users** y luego haga clic en **Add**.



7. Introduzca la información correcta para el grupo y, a continuación, haga clic en **Aplicar** para enviar la información.



Verificación

Conexión con el concentrador VPN

Ahora que el VPN Client y el concentrador están configurados, el nuevo perfil debe funcionar para conectarse al VPN Concentrator.

```
91 [cholera]: /etc/CiscoSystemsVPNClient > vpnclient connect toCORPORATE
Cisco Systems VPN Client Version 3.5 (Rel)
Copyright (C) 1998-2001 Cisco Systems, Inc. All Rights Reserved.
```

```
Client Type(s): Solaris
Running on: SunOS 5.6 Generic_105181-11 sun4u

Initializing the IPSec link.
Contacting the security gateway at 10.48.66.109
Authenticating user.
User Authentication for toCORPORATE...

Enter Username and Password.

Username [Joe]:
Password []:
Contacting the security gateway at 10.48.66.109
Your link is secure.
IPSec tunnel information.
Client address: 10.20.20.20
Server address: 10.48.66.109
Encryption: 168-bit 3-DES
Authentication: HMAC-MD5
IP Compression: None
NAT passthrough is inactive.
Local LAN Access is disabled.

^Z
Suspended

[cholera]: /etc/CiscoSystemsVPNClient > bg
[1]    vpnclient connect toCORPORATE &
(The process is made to run as background process)

[cholera]: /etc/CiscoSystemsVPNClient > vpnclient disconnect

Cisco Systems VPN Client Version 3.5 (Rel)
Copyright (C) 1998-2001 Cisco Systems, Inc. All Rights Reserved.
Client Type(s): Solaris
Running on: SunOS 5.6 Generic_105181-11 sun4u

Your IPSec link has been disconnected.
Disconnecting the IPSEC link.
[cholera]: /etc/CiscoSystemsVPNClient >
[1]    Exit -56                     vpnclient connect toCORPORATE

[cholera]: /etc/CiscoSystemsVPNClient >
```

Troubleshoot

En esta sección encontrará información que puede utilizar para solucionar problemas de configuración.

Depuraciones

Para habilitar las depuraciones, utilice el comando **ipseclog**. Se presenta un ejemplo a continuación:

```
[cholera]: /etc/CiscoSystemsVPNClient > ipseclog /tmp/clientlog
```

Depurar en el cliente cuando se conecta al concentrador

```
[cholera]: /etc/CiscoSystemsVPNClient > cat /tmp/clientlog

1      17:08:49.821  01/25/2002  Sev=Info/4     CLI/0x43900002
Started vpnclient:
Cisco Systems VPN Client Version 3.5 (Rel)
Copyright (C) 1998-2001 Cisco Systems, Inc. All Rights Reserved.
Client Type(s): Solaris
Running on: SunOS 5.6 Generic_105181-11 sun4u

2      17:08:49.855  01/25/2002  Sev=Info/4     CVPND/0x4340000F
Started cvpnd:
Cisco Systems VPN Client Version 3.5 (Rel)
Copyright (C) 1998-2001 Cisco Systems, Inc. All Rights Reserved.
Client Type(s): Solaris
Running on: SunOS 5.6 Generic_105181-11 sun4u

3      17:08:49.857  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0xb0f0d0c0

4      17:08:49.857  01/25/2002  Sev=Info/4     IPSEC/0x4370000C
Key deleted by SPI 0xb0f0d0c0

5      17:08:49.858  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x637377d3

6      17:08:49.858  01/25/2002  Sev=Info/4     IPSEC/0x4370000C
Key deleted by SPI 0x637377d3

7      17:08:49.859  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x9d4d2b9d

8      17:08:49.859  01/25/2002  Sev=Info/4     IPSEC/0x4370000C
Key deleted by SPI 0x9d4d2b9d

9      17:08:49.859  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x5facd5bf

10     17:08:49.860  01/25/2002  Sev=Info/4     IPSEC/0x4370000C
Key deleted by SPI 0x5facd5bf

11     17:08:49.860  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

12     17:08:49.861  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

13     17:08:49.861  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

14     17:08:49.862  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

15     17:08:49.863  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

16     17:08:49.863  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

17     17:08:50.873  01/25/2002  Sev=Info/4     CM/0x43100002
Begin connection process

18     17:08:50.883  01/25/2002  Sev=Info/4     CM/0x43100004
```

```
Establish secure connection using Ethernet

19     17:08:50.883  01/25/2002  Sev=Info/4     CM/0x43100026
Attempt connection with server "10.48.66.109"

20     17:08:50.883  01/25/2002  Sev=Info/6     IKE/0x4300003B
Attempting to establish a connection with 10.48.66.109.

21     17:08:51.099  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK AG (SA, KE, NON, ID, VID, VID, VID) to
10.48.66.109

22     17:08:51.099  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

23     17:08:51.100  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

24     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

25     17:08:51.400  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK AG (SA, KE, NON, ID, HASH, VID, VID, VID,
VID) from 10.48.66.109

26     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000059
Vendor ID payload = 12F5F28C457168A9702D9FE274CC0100

27     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000001
Peer is a Cisco-Unity compliant peer

28     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000059
Vendor ID payload = 09002689DFD6B712

29     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000059
Vendor ID payload = AFCAD71368A1F1C96B8696FC77570100

30     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000001
Peer supports DPD

31     17:08:51.400  01/25/2002  Sev=Info/5     IKE/0x43000059
Vendor ID payload = 1F07F70EAA6514D3B0FA96542A500301

32     17:08:51.505  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK AG *(HASH, NOTIFY:STATUS_INITIAL_CONTACT)
to 10.48.66.109

33     17:08:51.510  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

34     17:08:51.511  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK TRANS *(HASH, ATTR) from 10.48.66.109

35     17:08:51.511  01/25/2002  Sev=Info/4     CM/0x43100015
Launch xAuth application

36     17:08:56.333  01/25/2002  Sev=Info/4     CM/0x43100017
xAuth application returned

37     17:08:56.334  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK TRANS *(HASH, ATTR) to 10.48.66.109

38     17:08:56.636  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109
```

```
39     17:08:56.637  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK TRANS *(HASH, ATTR) from 10.48.66.109

40     17:08:56.637  01/25/2002  Sev=Info/4     CM/0x4310000E
Established Phase 1 SA.  1 Phase 1 SA in the system

41     17:08:56.639  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK TRANS *(HASH, ATTR) to 10.48.66.109

42     17:08:56.639  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK TRANS *(HASH, ATTR) to 10.48.66.109

43     17:08:56.645  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

44     17:08:56.646  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK TRANS *(HASH, ATTR) from 10.48.66.109

45     17:08:56.646  01/25/2002  Sev=Info/5     IKE/0x43000010
MODE_CFG_REPLY: Attribute = INTERNAL_IPV4_ADDRESS: ,
value = 10.20.20.20

46     17:08:56.646  01/25/2002  Sev=Info/5     IKE/0x4300000D
MODE_CFG_REPLY: Attribute = MODECFG_UNITY_SAVEPWD: ,
value = 0x00000000

47     17:08:56.646  01/25/2002  Sev=Info/5     IKE/0x4300000D
MODE_CFG_REPLY: Attribute = MODECFG_UNITY_PFS: ,
value = 0x00000000

48     17:08:56.646  01/25/2002  Sev=Info/5     IKE/0x4300000E
MODE_CFG_REPLY: Attribute = APPLICATION_VERSION,
value = Cisco Systems, Inc./VPN 3000 Concentrator Series
Version 3.1.Rel built by vmurphy on Aug 06 2001 13:47:37

49     17:08:56.648  01/25/2002  Sev=Info/4     CM/0x43100019
Mode Config data received

50     17:08:56.651  01/25/2002  Sev=Info/5     IKE/0x43000055
Received a key request from Driver for IP address 10.48.66.109,
GW IP = 10.48.66.109

51     17:08:56.652  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK QM *(HASH, SA, NON, ID, ID) to 10.48.66.109

52     17:08:56.653  01/25/2002  Sev=Info/5     IKE/0x43000055
Received a key request from Driver for IP address 10.10.10.255,
GW IP = 10.48.66.109

53     17:08:56.653  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK QM *(HASH, SA, NON, ID, ID) to 10.48.66.109

54     17:08:56.663  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

55     17:08:56.663  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK INFO *(HASH, NOTIFY:STATUS_RESP_LIFETIME)
from 10.48.66.109

56     17:08:56.663  01/25/2002  Sev=Info/5     IKE/0x43000044
RESPONDER-LIFETIME notify has value of 86400 seconds

57     17:08:56.663  01/25/2002  Sev=Info/5     IKE/0x43000046
```

```
This SA has already been alive for 6 seconds, setting expiry
to 86394 seconds from now

58     17:08:56.666  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

59     17:08:56.666  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK QM *(HASH, SA, NON, ID, ID,
NOTIFY:STATUS_RESP_LIFETIME) from 10.48.66.109

60     17:08:56.667  01/25/2002  Sev=Info/5     IKE/0x43000044
RESPONDER-LIFETIME notify has value of 28800 seconds

61     17:08:56.667  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK QM *(HASH) to 10.48.66.109

62     17:08:56.667  01/25/2002  Sev=Info/5     IKE/0x43000058
Loading IPsec SA (Message ID = 0x4CEF4B32 OUTBOUND SPI =
0x5EAD41F5 INBOUND SPI = 0xE66C759A)

63     17:08:56.668  01/25/2002  Sev=Info/5     IKE/0x43000025
Loaded OUTBOUND ESP SPI: 0x5EAD41F5

64     17:08:56.669  01/25/2002  Sev=Info/5     IKE/0x43000026
Loaded INBOUND ESP SPI: 0xE66C759A

65     17:08:56.669  01/25/2002  Sev=Info/4     CM/0x4310001A
One secure connection established

66     17:08:56.674  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

67     17:08:56.675  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK QM *(HASH, SA, NON, ID, ID,
NOTIFY:STATUS_RESP_LIFETIME) from 10.48.66.109

68     17:08:56.675  01/25/2002  Sev=Info/5     IKE/0x43000044
RESPONDER-LIFETIME notify has value of 28800 seconds

69     17:08:56.675  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK QM *(HASH) to 10.48.66.109

70     17:08:56.675  01/25/2002  Sev=Info/5     IKE/0x43000058
Loading IPsec SA (Message ID = 0x88E9321A OUTBOUND SPI =
0x333B4239 INBOUND SPI = 0x6B040746)

71     17:08:56.677  01/25/2002  Sev=Info/5     IKE/0x43000025
Loaded OUTBOUND ESP SPI: 0x333B4239

72     17:08:56.677  01/25/2002  Sev=Info/5     IKE/0x43000026
Loaded INBOUND ESP SPI: 0x6B040746

73     17:08:56.678  01/25/2002  Sev=Info/4     CM/0x43100022
Additional Phase 2 SA established.

74     17:08:57.752  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

75     17:08:57.752  01/25/2002  Sev=Info/4     IPSEC/0x43700010
Created a new key structure

76     17:08:57.752  01/25/2002  Sev=Info/4     IPSEC/0x4370000F
Added key with SPI=0x5ead41f5 into key list
```

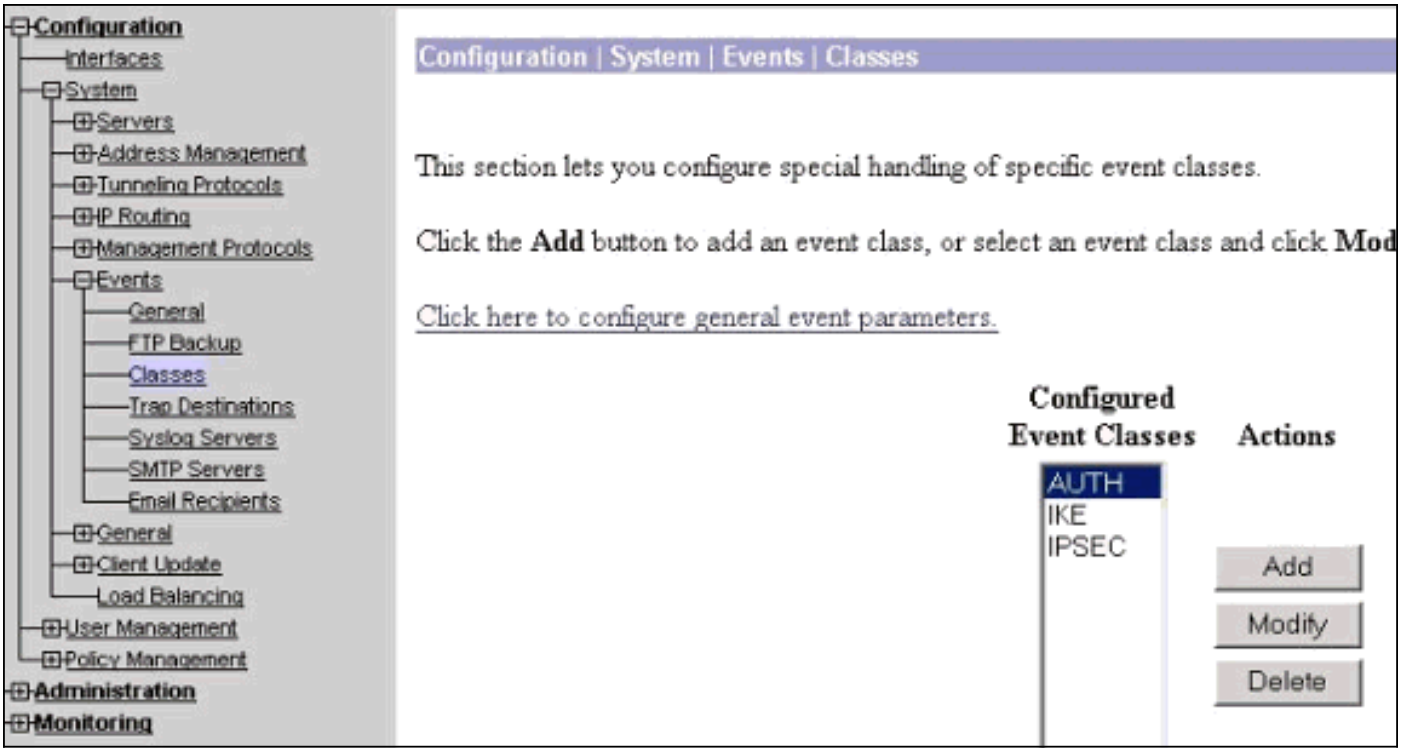
```
77     17:08:57.753  01/25/2002  Sev=Info/4     IPSEC/0x43700010
Created a new key structure

78     17:08:57.753  01/25/2002  Sev=Info/4     IPSEC/0x4370000F
Added key with SPI=0xe66c759a into key list

79     17:08:57.754  01/25/2002  Sev=Info/4     IPSEC/0x43700010
Created a new key structure

80     17:08:57.754  01/25/2002  Sev=Info/4     IPSEC/0x4370000F
Added key with SPI=0x333b4239 into key list

81     17:08:57.754  01/25/2002  Sev=Info/4     IPSEC/0x43700010
Created a new key structure

82     17:08:57.755  01/25/2002  Sev=Info/4     IPSEC/0x4370000F
Added key with SPI=0x6b040746 into key list

83     17:09:13.752  01/25/2002  Sev=Info/6     IKE/0x4300003D
Sending DPD request to 10.48.66.109, seq# = 2948297981

84     17:09:13.752  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK INFO *(HASH, NOTIFY:DPD_REQUEST)
to 10.48.66.109

85     17:09:13.758  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

86     17:09:13.758  01/25/2002  Sev=Info/4     IKE/0x43000014
RECEIVING <<< ISAKMP OAK INFO *(HASH, NOTIFY:DPD_ACK)
from 10.48.66.109

87     17:09:13.759  01/25/2002  Sev=Info/5     IKE/0x4300003F
Received DPD ACK from 10.48.66.109, seq# received = 2948297981,
seq# expected = 2948297981



debug on the client when disconnecting
88     17:09:16.366  01/25/2002  Sev=Info/4     CLI/0x43900002
Started vpnclient:
Cisco Systems VPN Client Version 3.5 (Rel)
Copyright (C) 1998-2001 Cisco Systems, Inc. All Rights Reserved.
Client Type(s): Solaris
Running on: SunOS 5.6 Generic_105181-11 sun4u

89     17:09:16.367  01/25/2002  Sev=Info/4     CM/0x4310000A
Secure connections terminated

90     17:09:16.367  01/25/2002  Sev=Info/5     IKE/0x43000018
Deleting IPsec SA: (OUTBOUND SPI = 333B4239 INBOUND SPI = 6B040746)

91     17:09:16.368  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK INFO *(HASH, DEL) to 10.48.66.109

92     17:09:16.369  01/25/2002  Sev=Info/5     IKE/0x43000018
Deleting IPsec SA: (OUTBOUND SPI = 5EAD41F5 INBOUND SPI = E66C759A)

93     17:09:16.369  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK INFO *(HASH, DEL) to 10.48.66.109

94     17:09:16.370  01/25/2002  Sev=Info/4     IKE/0x43000013
SENDING >>> ISAKMP OAK INFO *(HASH, DEL) to 10.48.66.109
```

```
95     17:09:16.371  01/25/2002  Sev=Info/4     CM/0x43100013
Phase 1 SA deleted cause by DEL_REASON_RESET_SADB.
0 Phase 1 SA currently in the system

96     17:09:16.371  01/25/2002  Sev=Info/5     CM/0x43100029
Initializing CVPNDrv

97     17:09:16.371  01/25/2002  Sev=Info/6     CM/0x43100035
Tunnel to headend device 10.48.66.109 disconnected:
duration: 0 days 0:0:20

98     17:09:16.375  01/25/2002  Sev=Info/5     CM/0x43100029
Initializing CVPNDrv

99     17:09:16.377  01/25/2002  Sev=Info/5     IKE/0x4300002F
Received ISAKMP packet: peer = 10.48.66.109

100    17:09:16.377  01/25/2002  Sev=Warning/2  IKE/0x83000061
Attempted incoming connection from 10.48.66.109. Inbound
connections are not allowed.

101    17:09:17.372  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x6b040746

102    17:09:17.372  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x333b4239

103    17:09:17.373  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0xe66c759a

104    17:09:17.373  01/25/2002  Sev=Info/4     IPSEC/0x43700013
Delete internal key with SPI=0x5ead41f5

105    17:09:17.373  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

106    17:09:17.374  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

107    17:09:17.374  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

108    17:09:17.375  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

109    17:09:17.375  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys

110    17:09:17.375  01/25/2002  Sev=Info/4     IPSEC/0x43700009
IPSec driver already started

111    17:09:17.376  01/25/2002  Sev=Info/4     IPSEC/0x43700014
Deleted all keys
```

Depuraciones en el concentrador VPN

Seleccione **Configuration > System > Events > Classes** para activar la siguiente depuración si hay fallas de conexión a eventos.

- **AUTH** - Gravedad para registrar 1-13
- **IKE**: gravedad para registrar 1-6
- **IPSEC**: gravedad para registrar 1-6



Puede ver el registro seleccionando **Monitoring > Event Log**.

Información Relacionada

- Página de soporte del concentrador de la serie Cisco VPN 3000
- Página de soporte al cliente Serie Cisco VPN 3000
- Página de soporte de IPSec
- Soporte Técnico - Cisco Systems