IPSec with VPN client(Static/Dynamic assigned IP address) to VPN 3000 Concentrator Configuration Example

Document ID: 60141

Contents

Introduction

This sample configuration demonstrates how to form an IPsec tunnel from a PC that runs the Cisco VPN Client (4.x and later) (Static/Dynamic assigned IP address) to a Cisco VPN 3000 Concentrator in order to enable the user to securely access the network inside the VPN Concentrator.

Refer to Using Cisco Secure ACS for Windows with the VPN 3000 Concentrator − IPSec in order to learn more about the same scenario with RADIUS Authentication using Cisco ACS. Refer to Configuring the Cisco VPN 3000 Concentrator with MS RADIUS in order to know more about the same scenario with MS−RADIUS Authentication.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

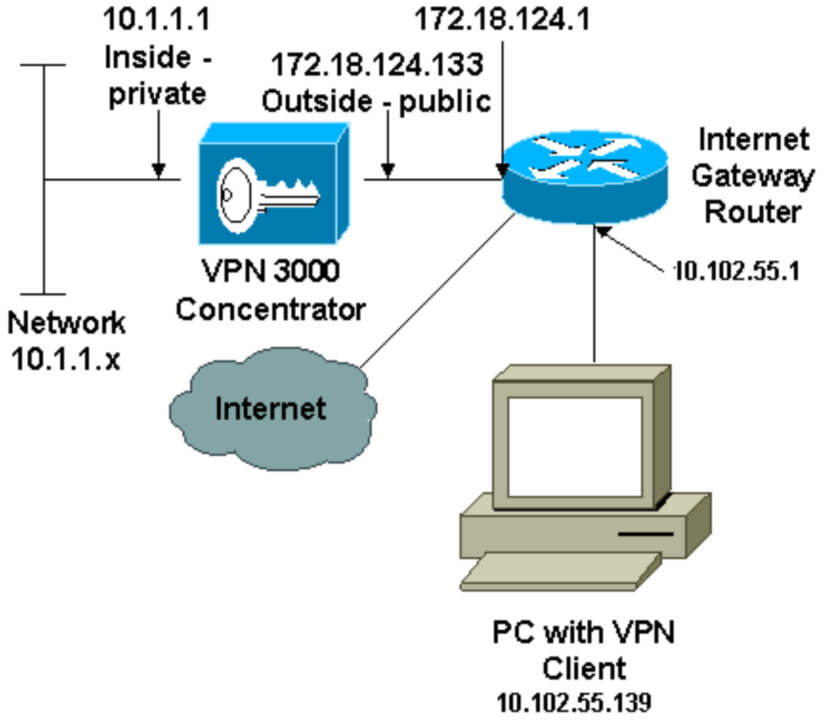
- Cisco VPN 3030 Concentrator version 4.1.7.A
- Cisco VPN Client version 4.x and later

Note: This configuration was recently re−tested using Cisco VPN Concentrator version 4.7.2.H.

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.

Network Diagram

This document uses this network setup:



Note: The IP addressing schemes used in this configuration are not legally routable on the Internet. They are RFC 1918 addresses that were used in a lab environment.

Conventions

Refer to the Cisco Technical Tips Conventions for more information on document conventions.

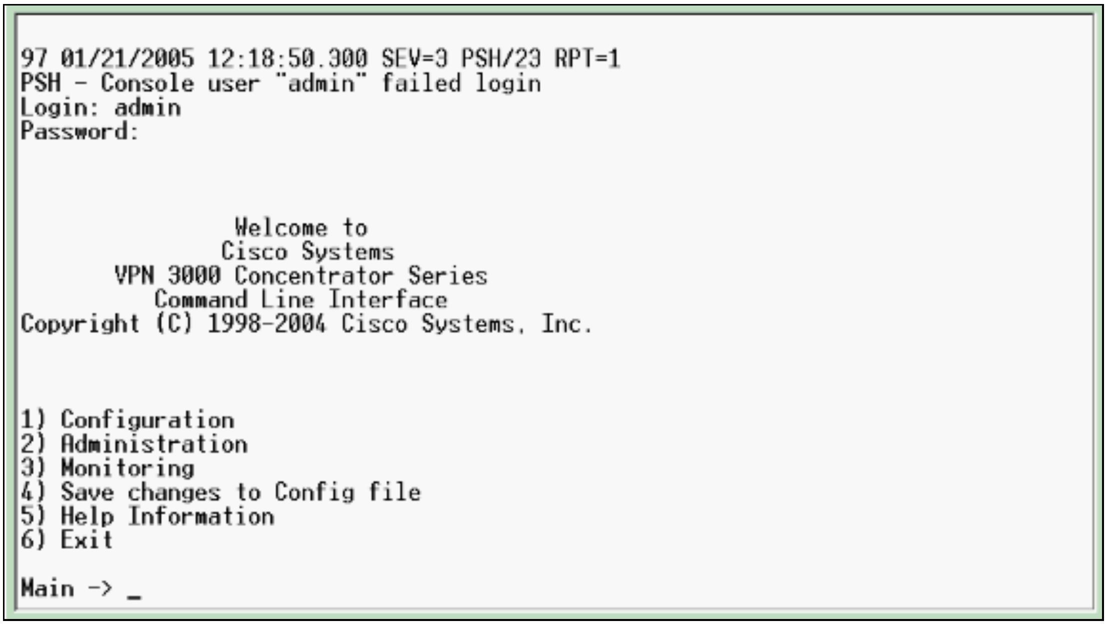
Configure the VPN 3000 Concentrator

Complete these steps in order to configure the VPN 3000 Concentrator.

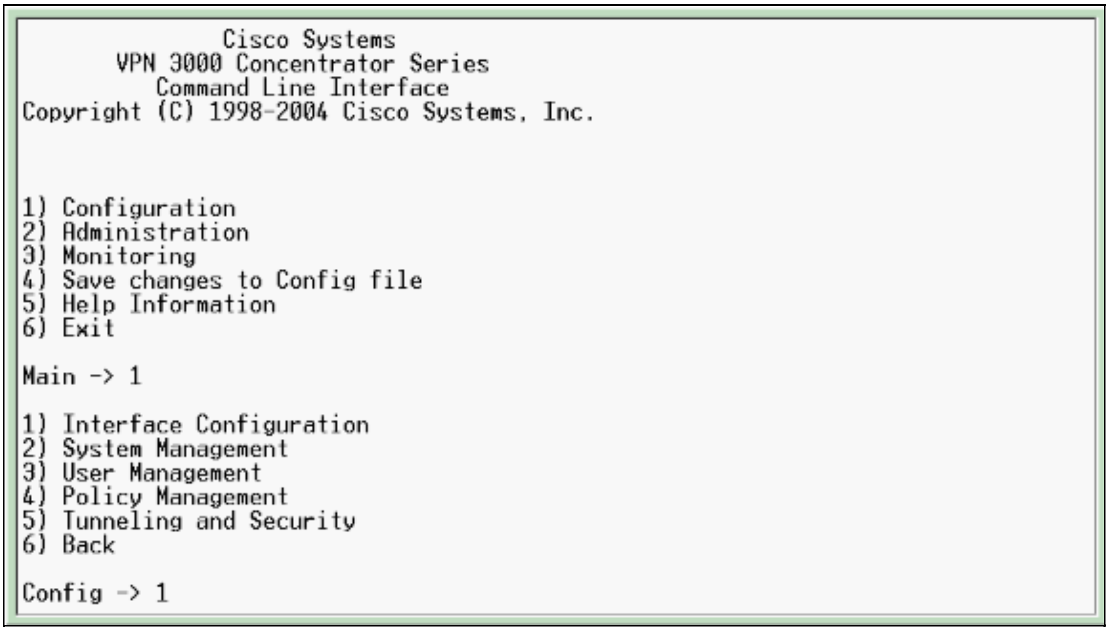
Note: Due to space limitations, some screen captures show only partial screens.

1. Connect to the VPN Concentrator console port and verify that there are IP addresses assigned to the Private (inside) and Public (outside) interfaces.

   In addition, verify that there is a default gateway assigned so the VPN Concentrator can forward the packets for the destinations that it does not know about to the default gateway (normally the Internet Gateway Router):

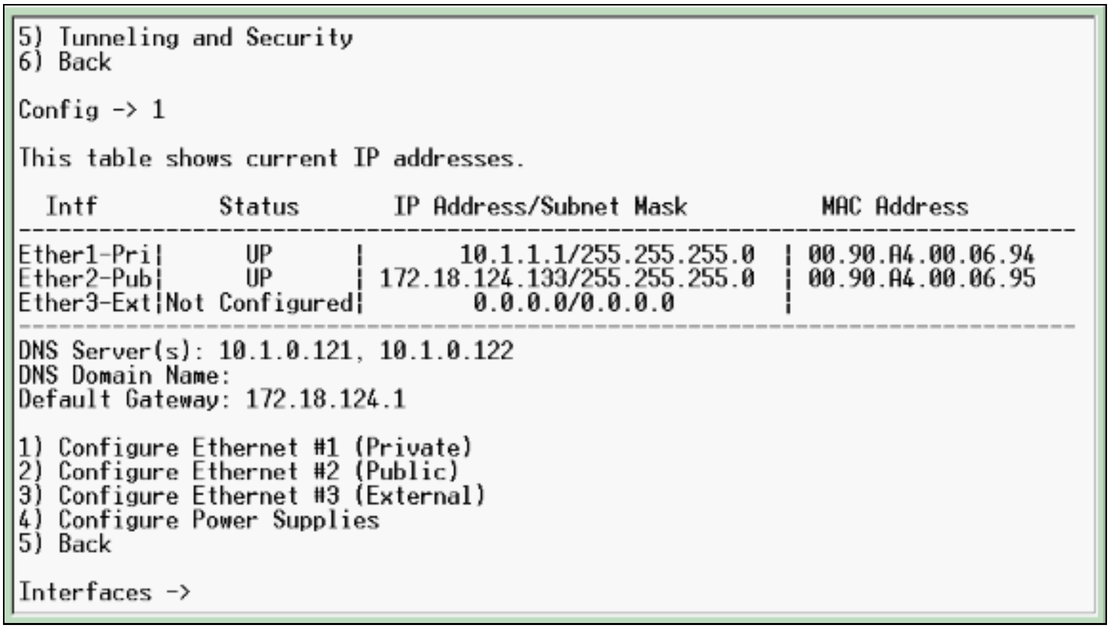


```
97 01/21/2005 12:18:50.300 SEV=3 PSH/23 RPT=1
PSH - Console user "admin" failed login
Login: admin
Password:



                Welcome to
               Cisco Systems
       VPN 3000 Concentrator Series
          Command Line Interface
Copyright (C) 1998-2004 Cisco Systems, Inc.



1) Configuration
2) Administration
3) Monitoring
4) Save changes to Config file
5) Help Information
6) Exit

Main -> _
```

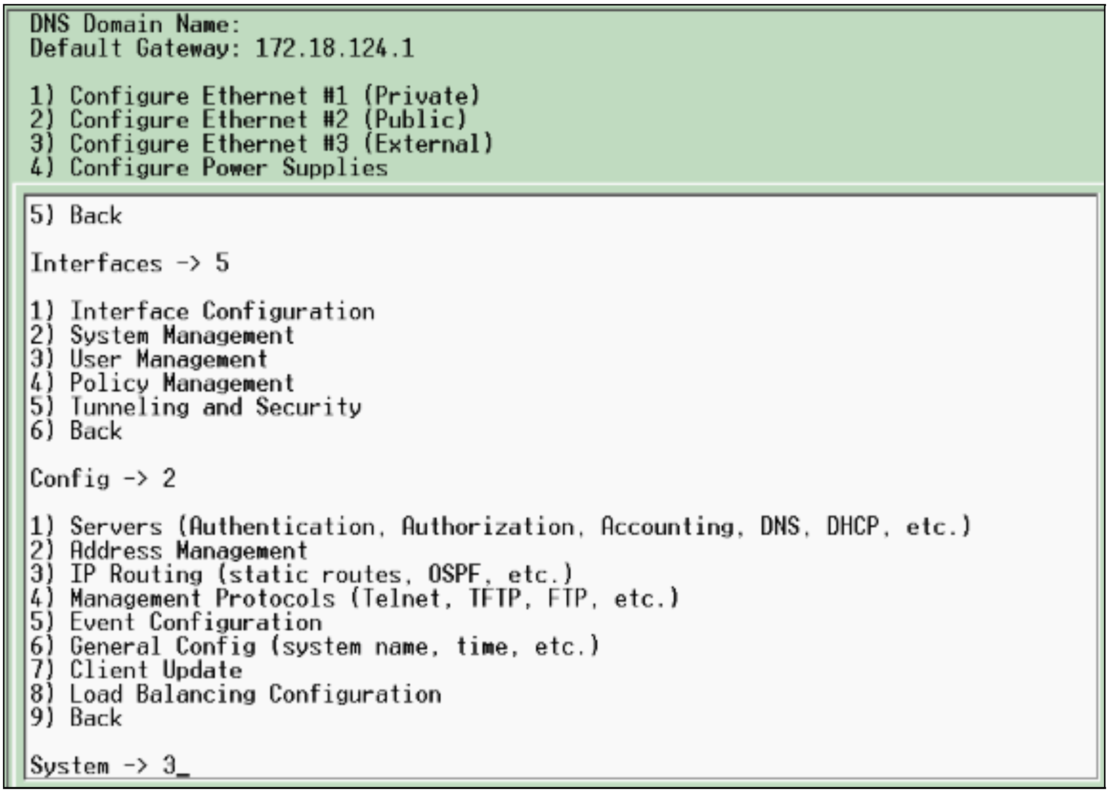


```
               Cisco Systems
       VPN 3000 Concentrator Series
          Command Line Interface
Copyright (C) 1998-2004 Cisco Systems, Inc.



1) Configuration
2) Administration
3) Monitoring
4) Save changes to Config file
5) Help Information
6) Exit

Main -> 1

1) Interface Configuration
2) System Management
3) User Management
4) Policy Management
5) Tunneling and Security
6) Back

Config -> 1
```

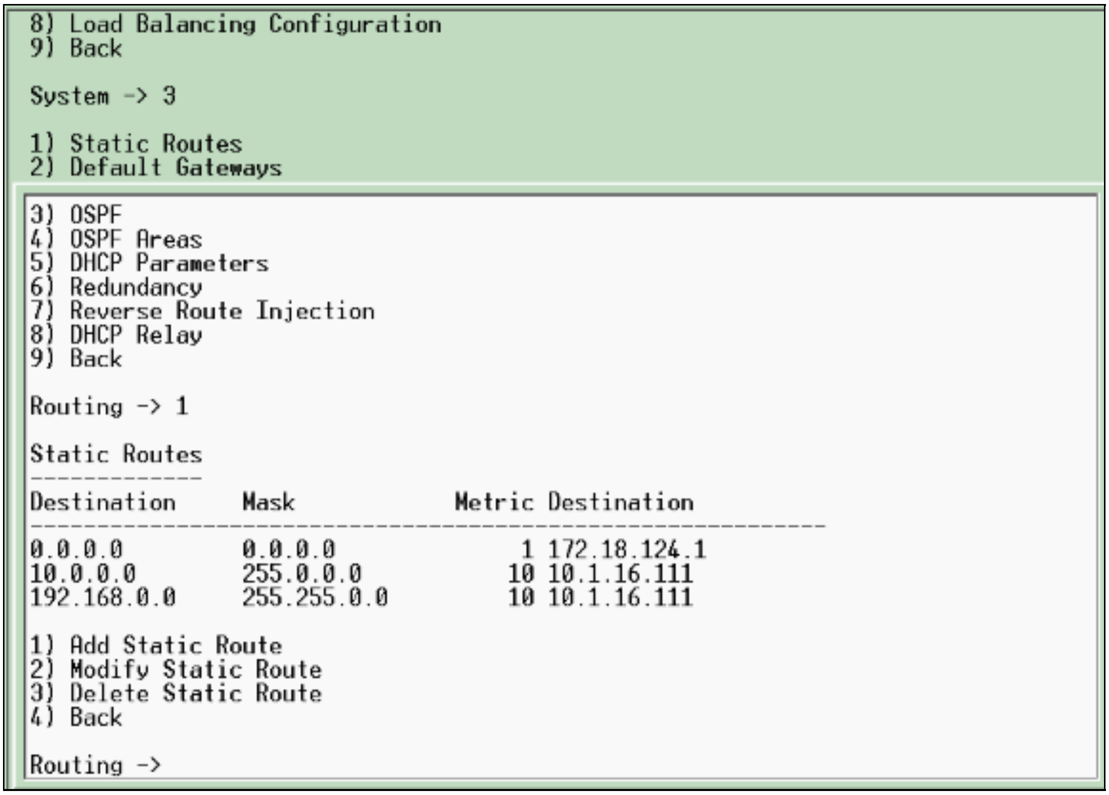
This table shows the current IP addresses.



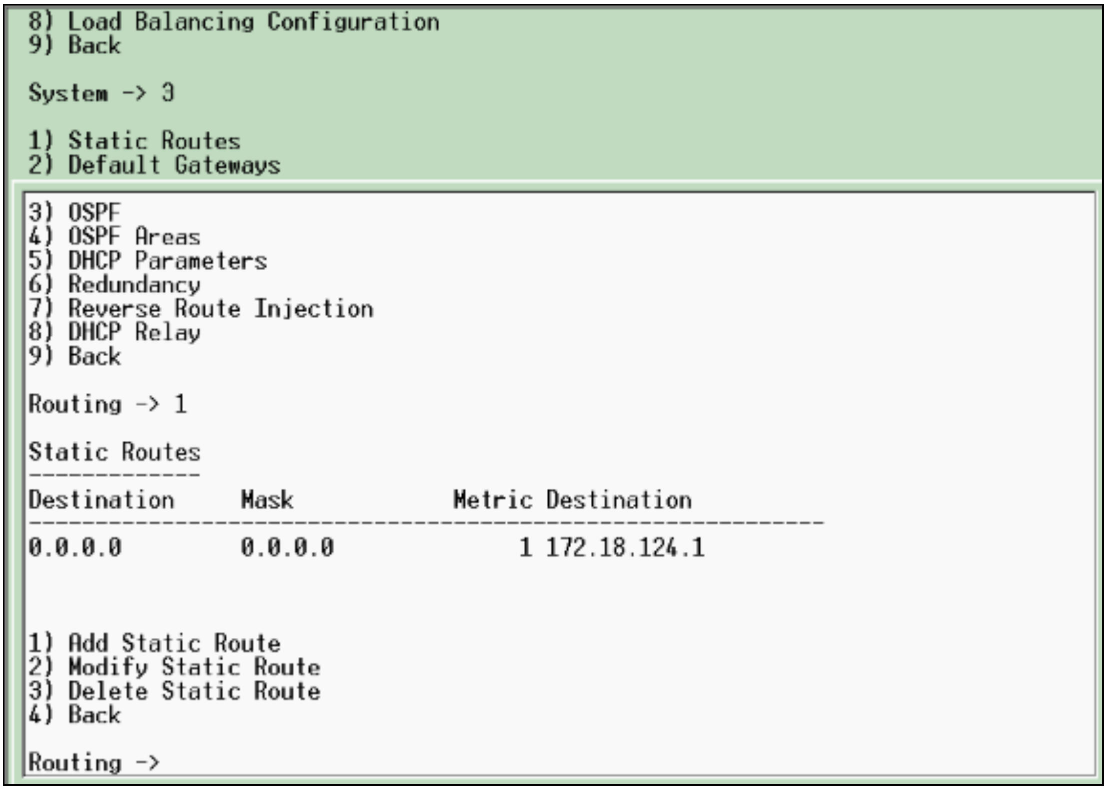
```
5) Tunneling and Security
6) Back

Config -> 1

This table shows current IP addresses.

  Intf         Status       IP Address/Subnet Mask          MAC Address
------------------------------------------------------------------------------
Ether1-Pri¦      UP      ¦        10.1.1.1/255.255.255.0  ¦ 00.90.A4.00.06.94
Ether2-Pub¦      UP      ¦ 172.18.124.133/255.255.255.0  ¦ 00.90.A4.00.06.95
Ether3-Ext¦Not Configured¦         0.0.0.0/0.0.0.0        ¦
------------------------------------------------------------------------------
DNS Server(s): 10.1.0.121, 10.1.0.122
DNS Domain Name:
Default Gateway: 172.18.124.1

1) Configure Ethernet #1 (Private)
2) Configure Ethernet #2 (Public)
3) Configure Ethernet #3 (External)
4) Configure Power Supplies
5) Back

Interfaces ->
```



```
DNS Domain Name:
Default Gateway: 172.18.124.1

1) Configure Ethernet #1 (Private)
2) Configure Ethernet #2 (Public)
3) Configure Ethernet #3 (External)
4) Configure Power Supplies
5) Back

Interfaces -> 5

1) Interface Configuration
2) System Management
3) User Management
4) Policy Management
5) Tunneling and Security
6) Back

Config -> 2

1) Servers (Authentication, Authorization, Accounting, DNS, DHCP, etc.)
2) Address Management
3) IP Routing (static routes, OSPF, etc.)
4) Management Protocols (Telnet, TFTP, FTP, etc.)
5) Event Configuration
6) General Config (system name, time, etc.)
7) Client Update
8) Load Balancing Configuration
9) Back

System -> 3_
```

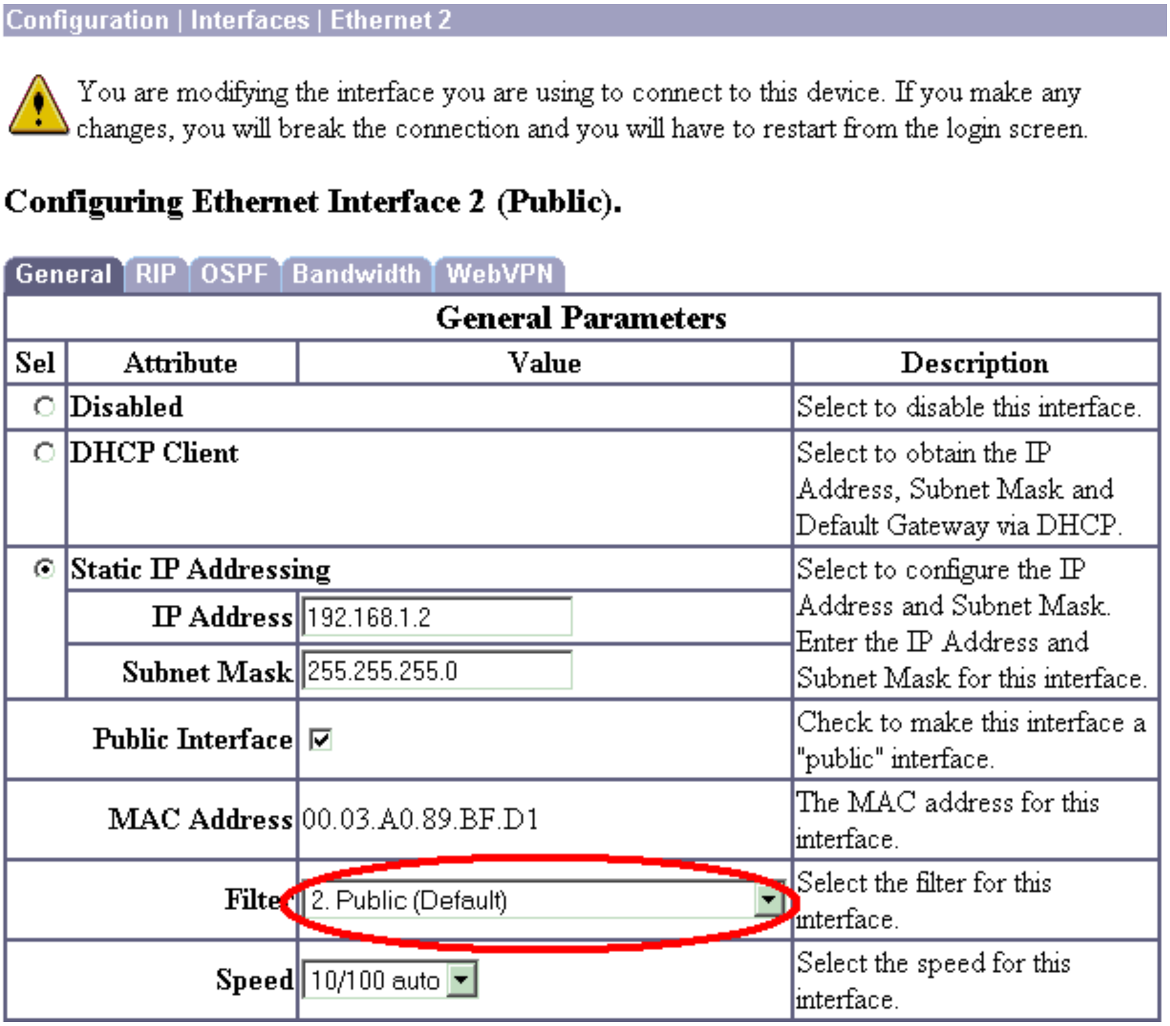


```
8) Load Balancing Configuration
9) Back

System -> 3

1) Static Routes
2) Default Gateways
3) OSPF
4) OSPF Areas
5) DHCP Parameters
6) Redundancy
7) Reverse Route Injection
8) DHCP Relay
9) Back

Routing -> 1

Static Routes
-------------
Destination     Mask            Metric Destination
--------------------------------------------------------------
0.0.0.0         0.0.0.0              1 172.18.124.1
10.0.0.0        255.0.0.0           10 10.1.16.111
192.168.0.0     255.255.0.0         10 10.1.16.111

1) Add Static Route
2) Modify Static Route
3) Delete Static Route
4) Back

Routing ->
```



```
8) Load Balancing Configuration
9) Back

System -> 3

1) Static Routes
2) Default Gateways
3) OSPF
4) OSPF Areas
5) DHCP Parameters
6) Redundancy
7) Reverse Route Injection
8) DHCP Relay
9) Back

Routing -> 1

Static Routes
-------------
Destination     Mask            Metric Destination
--------------------------------------------------------------
0.0.0.0         0.0.0.0              1 172.18.124.1



1) Add Static Route
2) Modify Static Route
3) Delete Static Route
4) Back

Routing ->
```

2. Make sure that you choose the **Public** filter option for the Public interface.



Configuration | Interfaces | Ethernet 2

You are modifying the interface you are using to connect to this device. If you make any changes, you will break the connection and you will have to restart from the login screen.

Configuring Ethernet Interface 2 (Public).

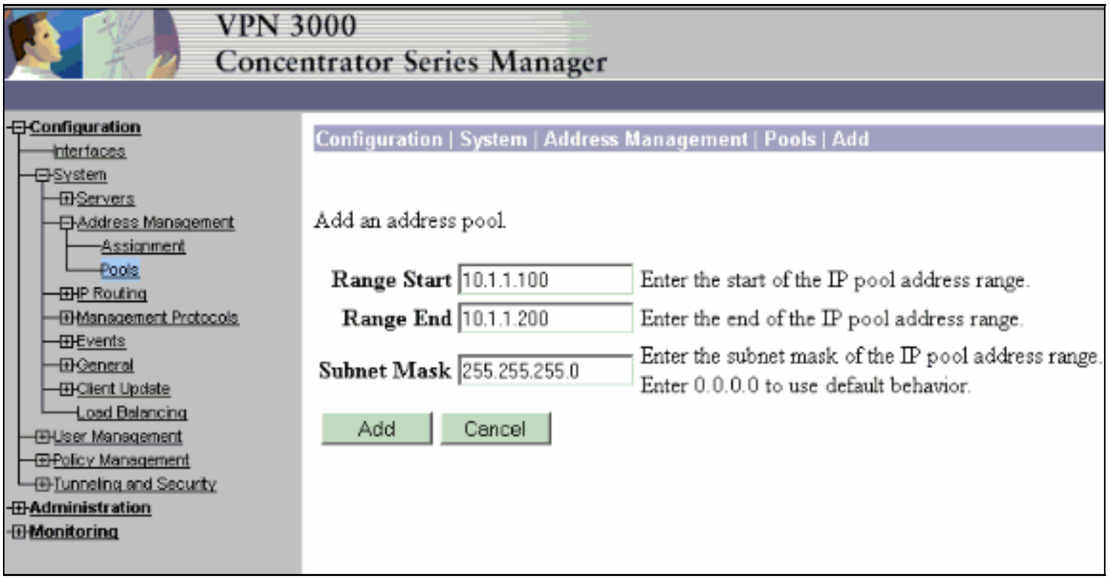
General Parameters

Sel	Attribute	Value	Description
○	Disabled		Select to disable this interface.
○	DHCP Client		Select to obtain the IP Address, Subnet Mask and Default Gateway via DHCP.
●	Static IP Addressing		Select to configure the IP Address and Subnet Mask. Enter the IP Address and Subnet Mask for this interface.
	IP Address	192.168.1.2	
	Subnet Mask	255.255.255.0	
	Public Interface	☑	Check to make this interface a "public" interface.
	MAC Address	00.03.A0.89.BF.D1	The MAC address for this interface.
	Filter	2. Public (Default)	Select the filter for this interface.
	Speed	10/100 auto	Select the speed for this interface.

3. Point a browser to the inside interface of the VPN Concentrator and choose **Configuration** > **System** > **Address Management** > **Address Pools** > **Add** in order to assign an available range of IP addresses.

   Specify a range of IP addresses that do not conflict with any other devices on the inside network:

   Note: These screen captures show outside−public interface management because filters were added to allow this in a lab setting only.

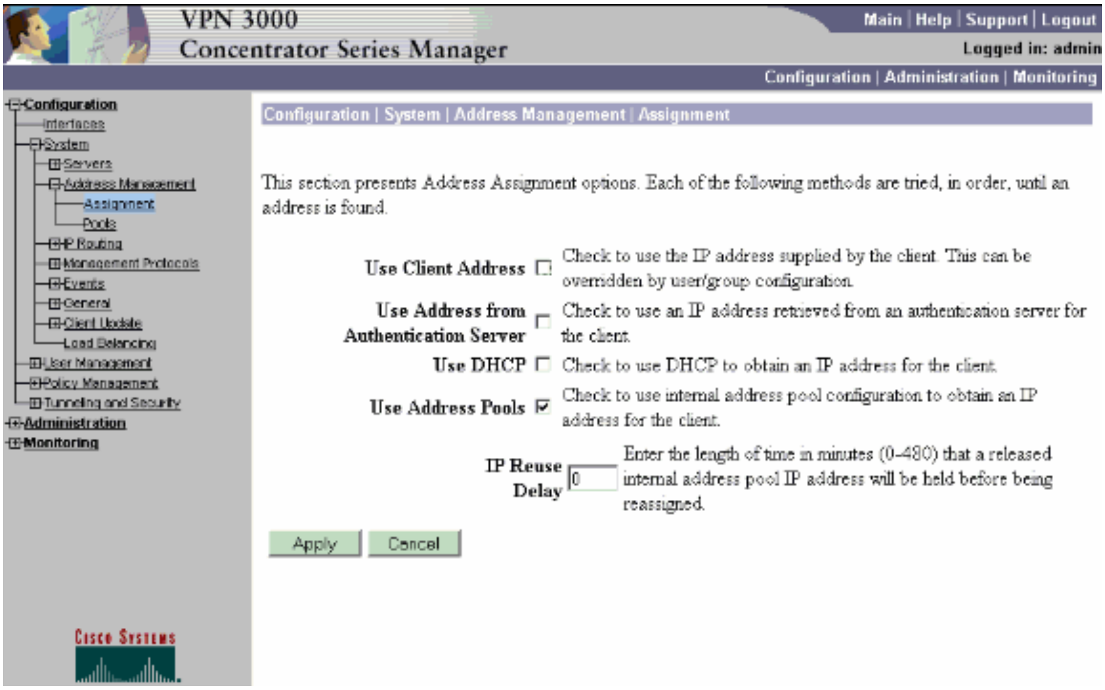


Configuration | System | Address Management | Pools | Add

Add an address pool.

Range Start	10.1.1.100	Enter the start of the IP pool address range.
Range End	10.1.1.200	Enter the end of the IP pool address range.
Subnet Mask	255.255.255.0	Enter the subnet mask of the IP pool address range. Enter 0.0.0.0 to use default behavior.

4. Choose **Configuration** > **System** > **Address Management** > **Assignment**, check the **Use Address Pools** box, and click **Apply** in order to tell the VPN Concentrator to use the pool.



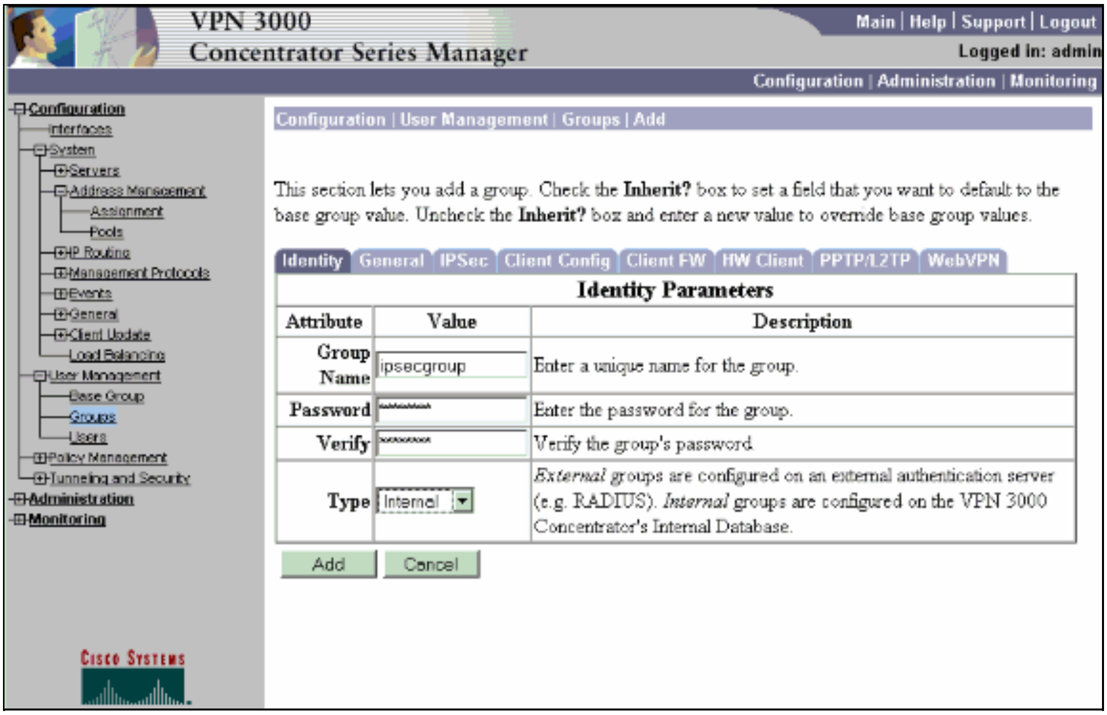
Configuration | System | Address Management | Assignment

This section presents Address Assignment options. Each of the following methods are tried, in order, until an address is found.

Use Client Address	□	Check to use the IP address supplied by the client. This can be overridden by user/group configuration.
Use Address from Authentication Server	□	Check to use an IP address retrieved from an authentication server for the client.
Use DHCP	□	Check to use DHCP to obtain an IP address for the client.
Use Address Pools	☑	Check to use internal address pool configuration to obtain an IP address for the client.
IP Reuse Delay	0	Enter the length of time in minutes (0-480) that a released internal address pool IP address will be held before being reassigned.

5. Choose **Configuration** > **User Management** > **Groups** > **Add Group** in order to configure an IPsec group for the users and define a group name and password.

   This example uses group="ipsecgroup" with password/verify="cisco123":



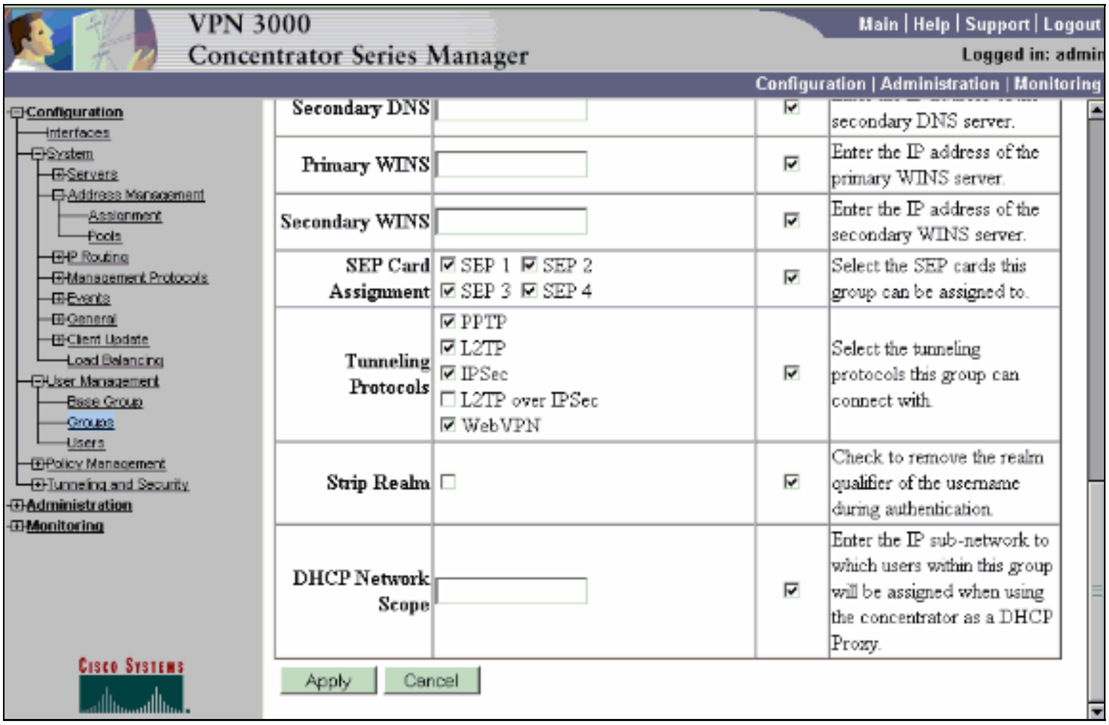
Configuration | User Management | Groups | Add

This section lets you add a group. Check the **Inherit?** box to set a field that you want to default to the base group value. Uncheck the **Inherit?** box and enter a new value to override base group values.

Identity Parameters

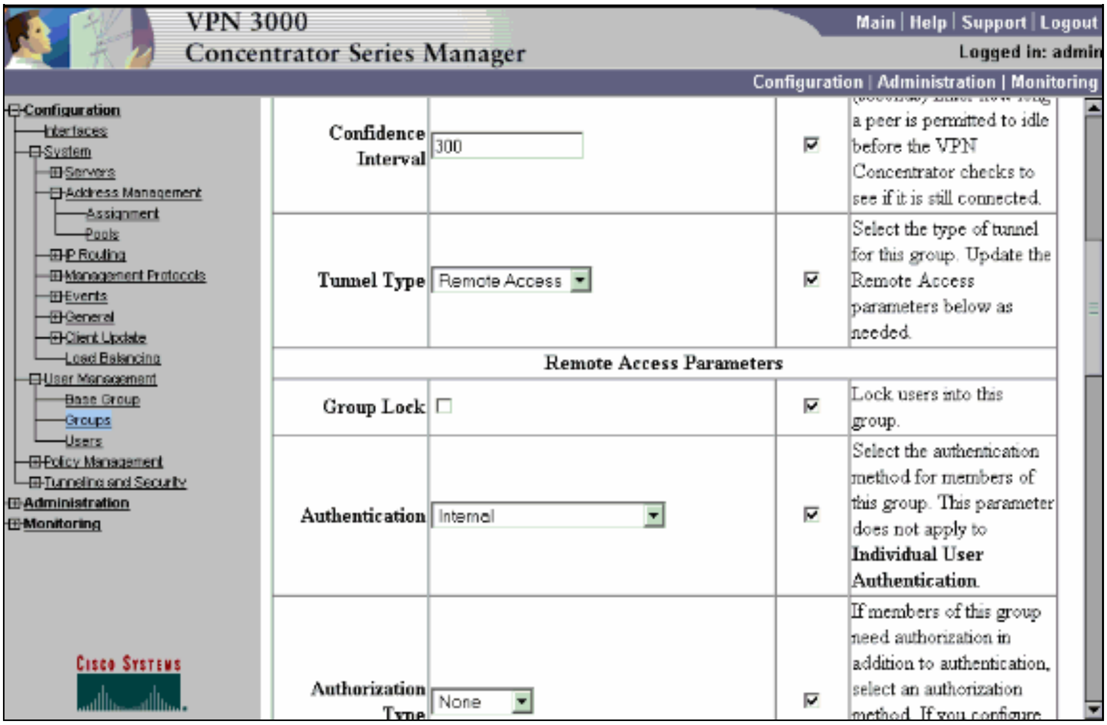
Attribute	Value	Description
Group Name	ipsecgroup	Enter a unique name for the group.
Password	********	Enter the password for the group.
Verify	********	Verify the group's password.
Type	Internal	*External* groups are configured on an external authentication server (e.g. RADIUS). *Internal* groups are configured on the VPN 3000 Concentrator's Internal Database.

6. On the General tab of the group, verify that **IPSec** is selected.



Secondary DNS		☑	secondary DNS server.
Primary WINS		☑	Enter the IP address of the primary WINS server.
Secondary WINS		☑	Enter the IP address of the secondary WINS server.
SEP Card Assignment	☑ SEP 1 ☑ SEP 2 ☑ SEP 3 ☑ SEP 4	☑	Select the SEP cards this group can be assigned to.
Tunneling Protocols	☑ PPTP ☑ L2TP ☑ IPSec ☐ L2TP over IPSec ☑ WebVPN	☑	Select the tunneling protocols this group can connect with.
Strip Realm	☐	☑	Check to remove the realm qualifier of the username during authentication.
DHCP Network Scope		☑	Enter the IP sub-network to which users within this group will be assigned when using the concentrator as a DHCP Proxy.

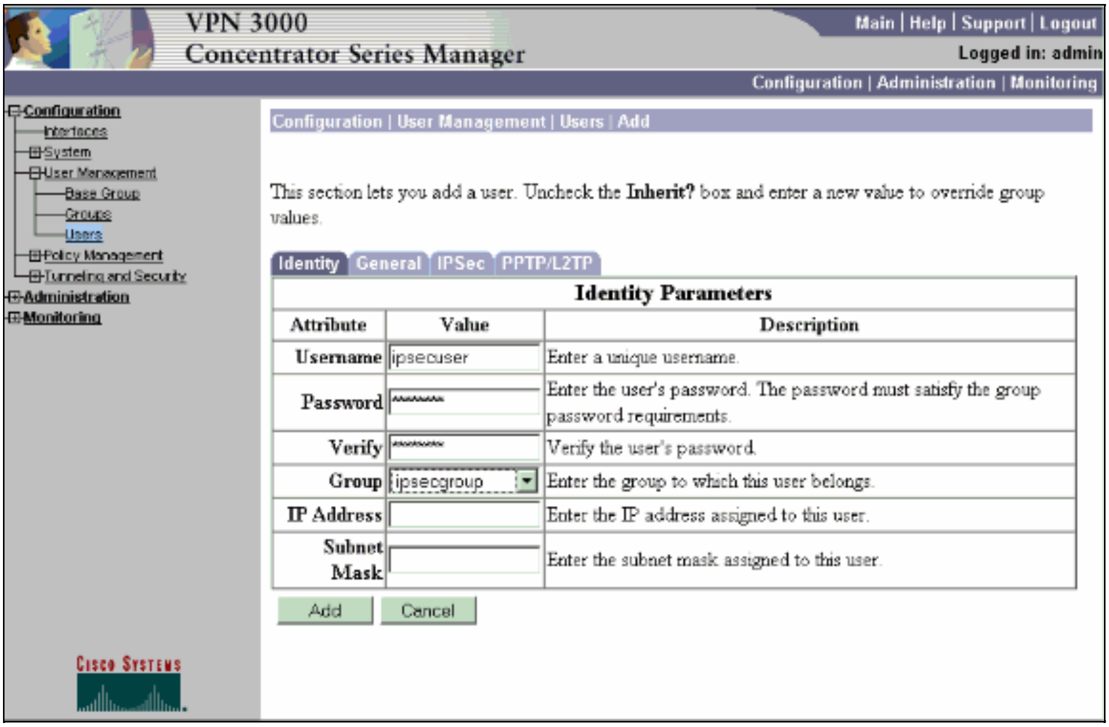
7. On the IPSec tab of the group, verify that authentication is set to **Internal**. Choose **Configuration > User Management > Groups > Modify Group** and select **ipsecgroup** from the Current Groups option in order to do this.



Confidence Interval	300	☑	a peer is permitted to idle before the VPN Concentrator checks to see if it is still connected.
Tunnel Type	Remote Access	☑	Select the type of tunnel for this group. Update the Remote Access parameters below as needed.
Remote Access Parameters			
Group Lock	☐	☑	Lock users into this group.
Authentication	Internal	☑	Select the authentication method for members of this group. This parameter does not apply to **Individual User Authentication**.
Authorization Type	None	☑	If members of this group need authorization in addition to authentication, select an authorization method. If you configure

8. Choose **Configuration** > **User Management** > **Users** > **Add**, and add a user to the previously defined group.

   In this example, the user is "ipsecuser" with password "xyz12345" in group "ipsecgroup":



Configuration | User Management | Users | Add

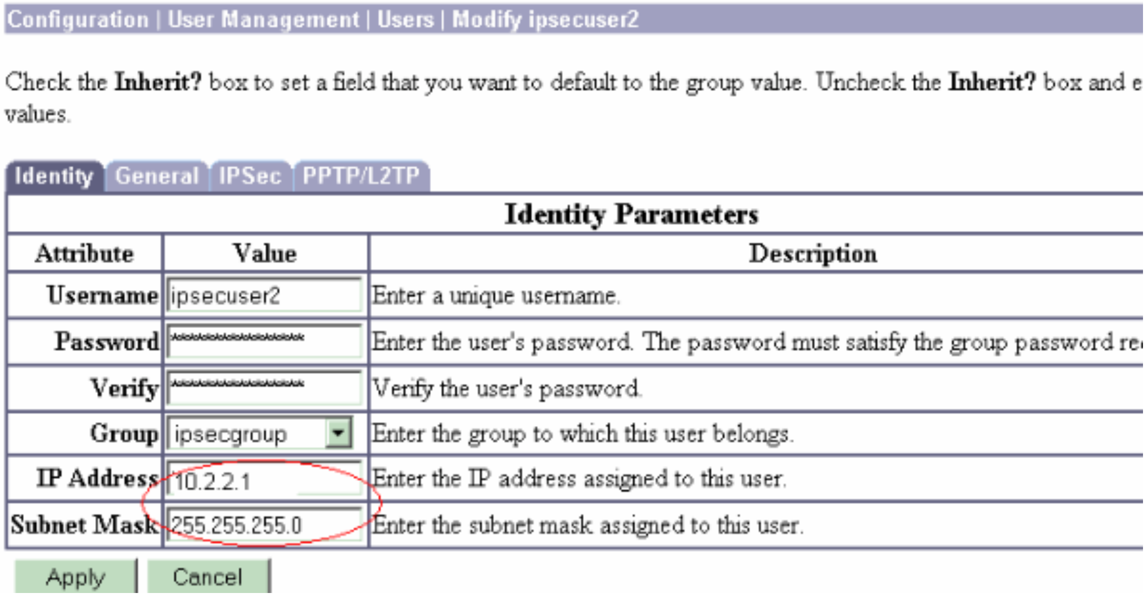
This section lets you add a user. Uncheck the **Inherit?** box and enter a new value to override group values.

Identity Parameters

Attribute	Value	Description
Username	ipsecuser	Enter a unique username.
Password	********	Enter the user's password. The password must satisfy the group password requirements.
Verify	********	Verify the user's password.
Group	ipsecgroup	Enter the group to which this user belongs.
IP Address		Enter the IP address assigned to this user.
Subnet Mask		Enter the subnet mask assigned to this user.

Assign a Static IP Address to a User

In order to assign a static IP address for the remote VPN user every time they connect to the VPN 3000 Series Concentrator, choose **Configuration > User Management > Users > Modify ipsecuser2 > identity**. In this configuration for the user (ipsecuser2), the static IP address 10.2.2.1/24 is assigned every time the user connects.



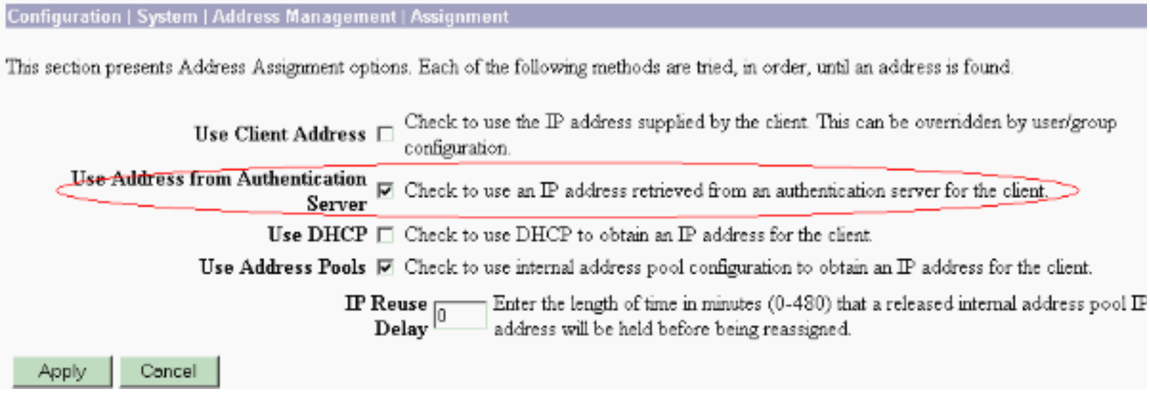
Configuration | User Management | Users | Modify ipsecuser2

Check the **Inherit?** box to set a field that you want to default to the group value. Uncheck the **Inherit?** box and e values.

Identity Parameters

Attribute	Value	Description
Username	ipsecuser2	Enter a unique username.
Password	****************	Enter the user's password. The password must satisfy the group password re
Verify	****************	Verify the user's password.
Group	ipsecgroup	Enter the group to which this user belongs.
IP Address	10.2.2.1	Enter the IP address assigned to this user.
Subnet Mask	255.255.255.0	Enter the subnet mask assigned to this user.

Note: Be sure to go to **Configuration > System > Address Management > Assignment** in order to ensure that the VPN Concentrator provisions the assigned IP address. Check **Use Address from Authentication Server** to assign IP addresses retrieved from an authentication server on a per−user basis. The IP address and subnet mask entered on the Identity Parameters tab on the **User Management > Users > Add or Modify** window is considered to be in the internal authentication server.



Configuration | System | Address Management | Assignment

This section presents Address Assignment options. Each of the following methods are tried, in order, until an address is found.

Use Client Address □ Check to use the IP address supplied by the client. This can be overridden by user/group configuration.

Use Address from Authentication Server ☑ Check to use an IP address retrieved from an authentication server for the client.

Use DHCP □ Check to use DHCP to obtain an IP address for the client.

Use Address Pools ☑ Check to use internal address pool configuration to obtain an IP address for the client.

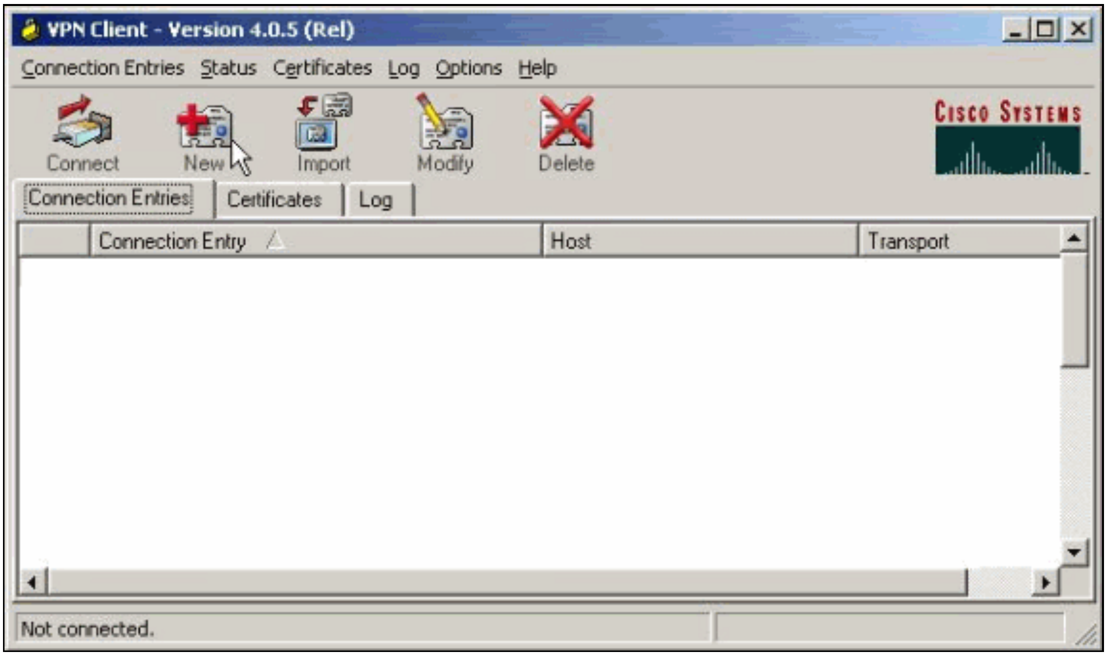
IP Reuse Delay 0 Enter the length of time in minutes (0-480) that a released internal address pool IP address will be held before being reassigned.

Apply Cancel

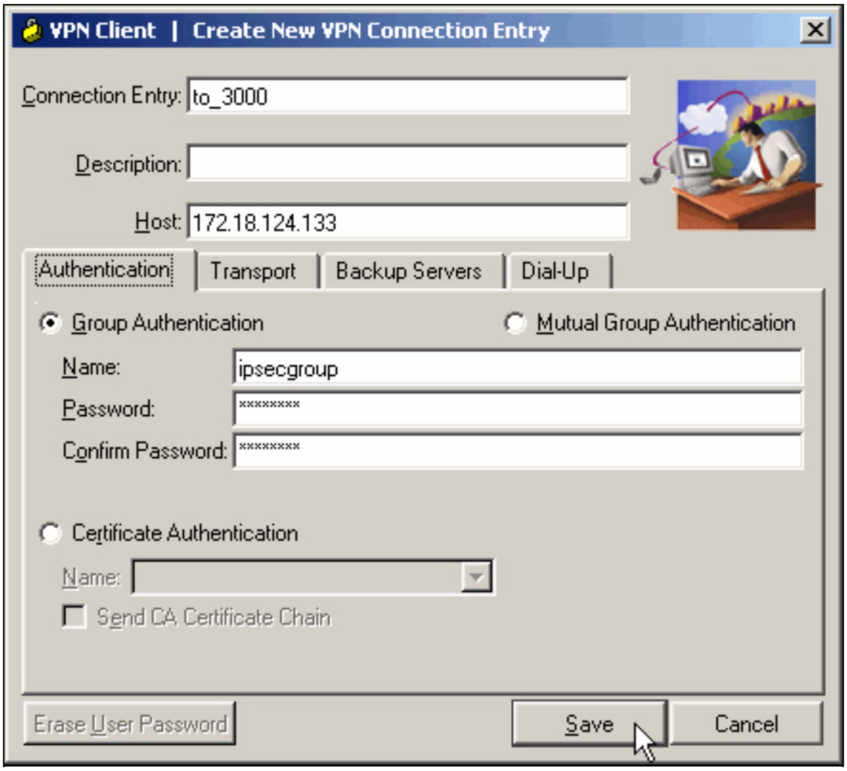
Configure the VPN Client

Complete these steps in order to configure the VPN Client.

1. Click **New** in order to create a new connection entry.



2. Name the connection, enter the IP address of the public interface of the VPN Concentrator and provide the Group credentials. In this case, the Name is **ipsecgroup** and the Password is **cisco123**. Click **Save** when finished.



Connection Entry: to_3000

Description:

Host: 172.18.124.133

● Group Authentication ○ Mutual Group Authentication

Name: ipsecgroup

Password: ********

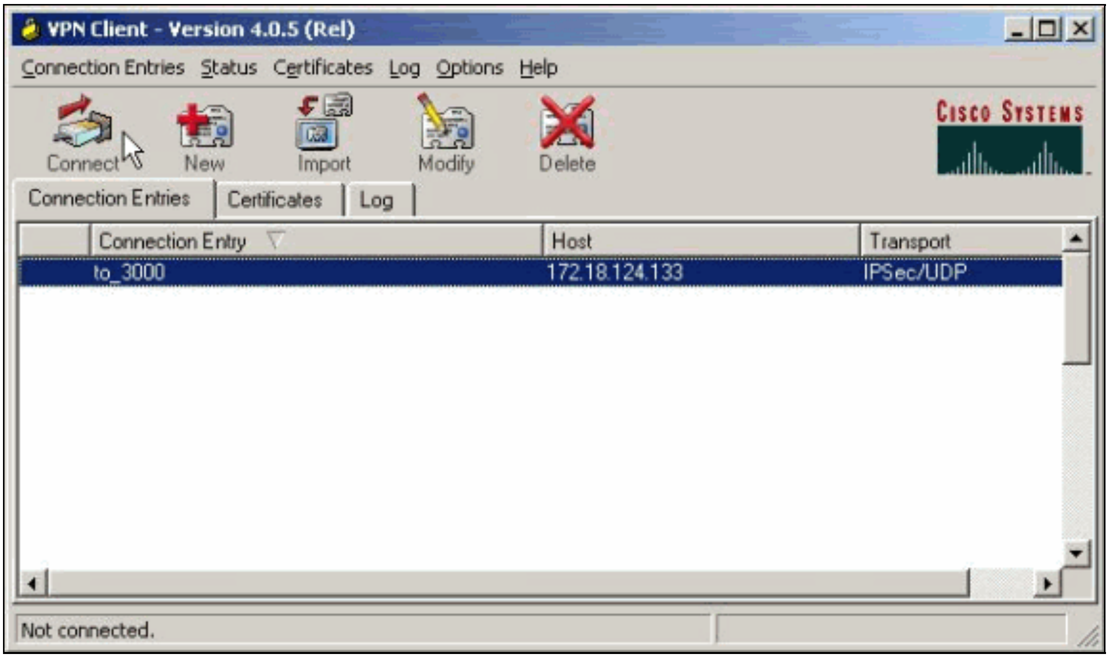
Confirm Password: ********

○ Certificate Authentication

Name:

□ Send CA Certificate Chain

3. Select the connection entry from the list and click **Connect**. When prompted for the username/password, enter your username/password.



Connection Entry	Host	Transport
to_3000	172.18.124.133	IPSec/UDP

Not connected.

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

These sections provide information you can use to troubleshoot your configuration.

The Output Interpreter Tool (registered customers only) (OIT) supports certain **show** commands. Use the OIT to view an analysis of **show** command output.

Note: Refer to Important Information on Debug Commands before you issue debug commands.

What Can Go Wrong

These are potential errors that can occur. See the VPN Client and VPN Concentrator sections for the resolutions to these errors.

- A user receives the message `Unable to negotiate IPSec or host did not respond`.

  The VPN 3000 debug shows:

  ```
  14 02/20/2001 08:59:29.100 SEV=4 IKE/22 RPT=5 10.102.55.139
  No Group found matching badgroup for Pre−shared key peer 10.102.55.139
  ```

  Usual cause: The user attempts to connect with a group name that is not configured.
- A user cannot connect and the VPN 3000 debug shows:

  ```
  Filter missing on interface 2, IKE data from Peer x.x.x.x dropped
  ```

  Usual cause: The filter is missing from the public interface. It is usually the "public" filter (but can be the private filter; "none" is not valid). Choose **Configuration** > **Interfaces** > **Ethernet 2** > **Filter** and make the filter "public" or another value (that is, not "none"). See the configuration section of this document for more information on how to configure the filter.
- A user cannot connect and sees `Unable to negotiate IPSec or host did not respond`.

  The VPN 3000 debug shows:

  ```
  Terminating connection attempt: IPSEC not permitted for group >group<
  ```

  Usual cause: IPsec is not selected on the group. Choose **Configuration** > **User Management** > **Groups** > **<group>** > **Modify** > **General** and verify that **IPSec** is selected under Tunneling Protocols.
- A user cannot connect after numerous tries and sees `User Authentication Failed.`

  The VPN 3000 debug shows:

  ```
  Authentication rejected: Reason = User was not found handle = 14, server = Internal,
  user = <user>
  ```

  Usual cause: The user does not exist in the user database. Make sure that you enter the correct username when the user authentication window displays.
- Users cannot connect and the VPN 3000 debug shows:

  ```
  Filter missing on interface 0, IKE data from Peer x.x.x.x dropped
  ```

  Usual cause: The default route is missing. Make sure there is a default route in the configuration. Choose **Configuration** > **System** > **IP routing** > **Default Gateway** and specify the default gateway.
- A user cannot connect and sees `Your IPSec connection has been terminated by the remote peer`.

  The VPN 3000 debug shows:

```
 User [ <user> ]
IKE rcv'd FAILED IP Addr status!
```

Usual cause: There is no option checked to give the VPN Client an IP address. Choose **Configuration** > **System** > **Address Management** > **Address Assignment** and select an option.

- A user cannot connect and sees `User authentication failed.`

  The VPN 3000 debug shows:

  ```
  The calculated HASH doesn't match the received value
  ```

  Usual cause: The group password on the VPN Client is different than the password configured on the VPN Concentrator. Check the password on both the VPN Client and the Concentrator.
- You have set up the VPN pool for the resources behind the VPN Concentrator. You are able to access the resources but cannot ping them.

  Usual cause: There is a PIX behind the VPN Concentrator which blocks the ICMP packets. Login to that PIX and apply an **access−list** to enable ICMP packets.
- There are no VPN Concentrator debugs and all or some users cannot connect.

  The default VPN Concentrator Public filter contains rules to allow this traffic:

  - Protocol = UDP, port = 500
  - Protocol = UDP, port = 10000
  - Protocol = ESP
  - Protocol = AH

  If the filters of the VPN Concentrator allow this traffic, then a device between the VPN Client and the VPN Concentrator can be blocking some of these ports (perhaps a firewall). In order to verify, try to connect to the VPN Concentrator from the network immediately outside the VPN Concentrator. If that works, a device between the VPN Client PC and VPN Concentrator is blocking the traffic.
- A user cannot connect and sees these logs:

  ```
  07/10/2006 11:48:59.280 SEV=4 IKE/0 RPT=141 10.86.190.92
  Group [NYMVPN]
  received an unencrypted packet when crypto active!! Dropping packet
  ```

  Usual cause: An incorrectly defined group name or password. Recreate the new group name and password on the VPN 3000 Concentrator for the VPN Client.
- A user can ping or Telnet to a host behind the VPN Concentrator, but the user cannot use the Remote Desktop 9RDP) or similar applications.

  Usual cause: The Public filter is not enabled on the Public interface. See step 2 in the Configure the VPN 3000 Concentrator section of this document.
- A user can connect, but no traffic is passed through the VPN tunnel.

  Usual cause: NAT−Transparency is not enabled. In many cases the VPN Client is behind a PAT device. PAT relies on TCP and UDP port numbers to conserve address space. But ESP, which encapsulates VPN traffic, is a separate protocol from TCP or UDP. This means that many PAT devices cannot handle ESP traffic. NAT−T encapsulates ESP packets in UDP packets allowing them to pass easily through a PAT device. Thus, in order to allow ESP traffic to flow through a PAT device, you need to enable NAT−T on the concentrator. Refer to Configuring NAT Transparent Mode for IPSec on the VPN 3000 Concentrator for more information.

VPN Client

Choose **Start** > **Programs** > **Cisco Systems VPN 3000 Client** > **Log Viewer** in order to bring up the log viewer.

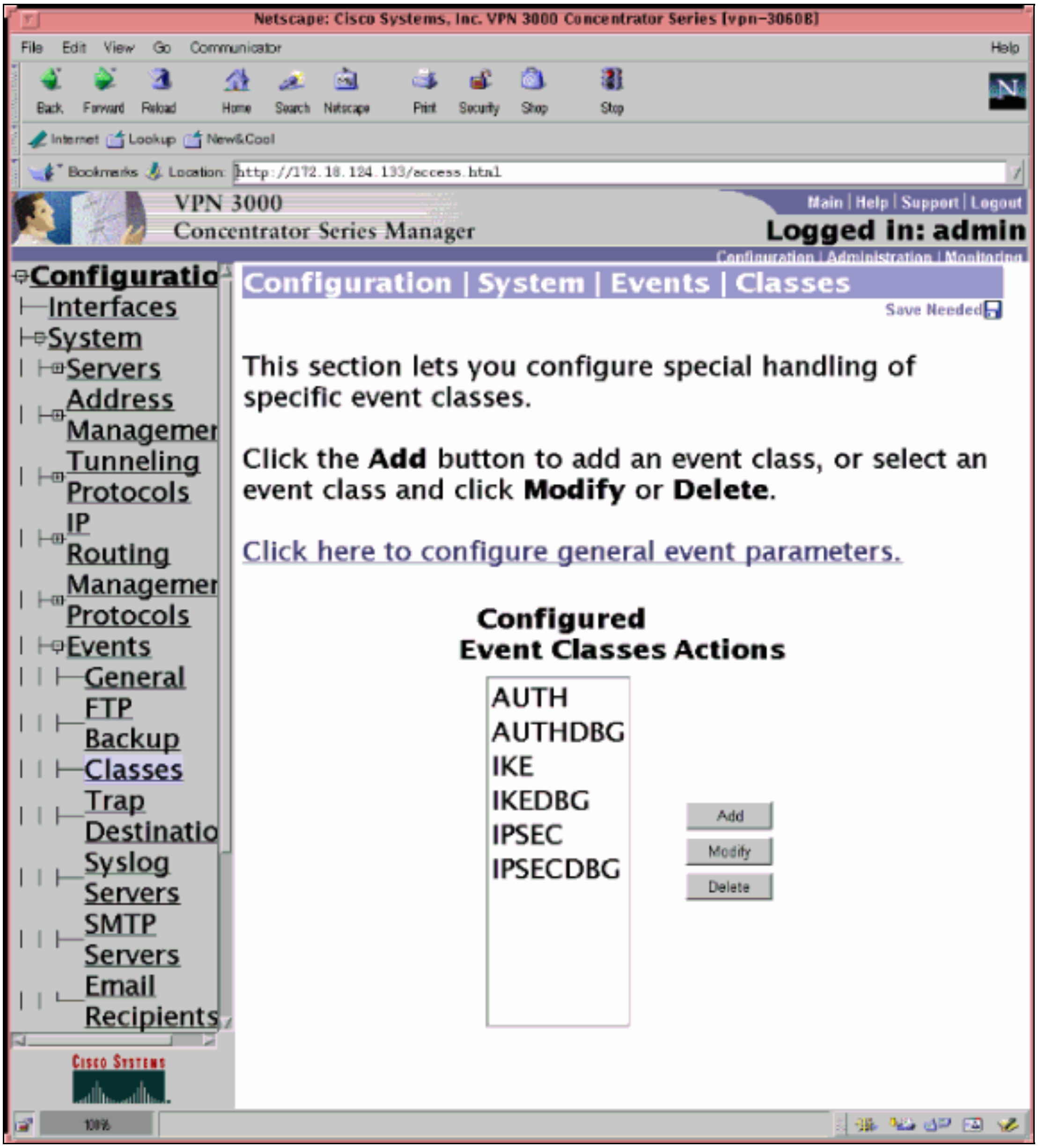
VPN Concentrator

Choose **Configuration** > **System** > **Events** > **Classes** in order to turn on this debug if there are event connection failures:

- AUTH − Severity to log 1−13
- AUTHDBG − Severity to log 1−13
- IKE − Severity to log 1−13
- IKEDBG − Severity to log 1−13
- IPSEC − Severity to log 1−13
- IPSECDBG − Severity to log 1−13

Note: If necessary, AUTHDECODE, IKEDECODE, IPSECDECODE can be added later.

Refer to Troubleshooting Connection Problems on the VPN 3000 Concentrator for additional troubleshooting details.


Netscape: Cisco Systems, Inc. VPN 3000 Concentrator Series [vpn-3060B]
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Shop Stop
Internet Lookup New&Cool
Bookmarks Location: http://172.18.124.133/access.html
VPN 3000
Concentrator Series Manager
Main | Help | Support | Logout
Logged in: admin
Configuration | Administration | Monitoring
Configuratio
Interfaces
System
Servers
Address Managemen
Tunneling Protocols
IP Routing
Managemen Protocols
Events
General
FTP Backup
Classes
Trap Destinatio
Syslog Servers
SMTP Servers
Email Recipients
Cisco Systems
100%

Configuration | System | Events | Classes

Save Needed

This section lets you configure special handling of specific event classes.

Click the **Add** button to add an event class, or select an event class and click **Modify** or **Delete**.

Click here to configure general event parameters.

Configured Event Classes **Actions**

AUTH
AUTHDBG
IKE
IKEDBG
IPSEC
IPSECDBG

Choose **Monitoring** > **Filterable Event Log** in order to view the log.

VPN 3000 Concentrator − Good Sample Debug

```
1 02/07/2002 08:00:13.320 SEV=8 IKEDBG/0 RPT=69 172.18.124.241
RECEIVED Message (msgid=0) with payloads :
HDR + SA (1) + KE (4) + NONCE (10) + ID (5) + VENDOR (13) + VENDOR (13) + VENDOR
 (13) + NONE (0) ... total length : 562

4 02/07/2002 08:00:13.320 SEV=9 IKEDBG/0 RPT=70 172.18.124.241
processing SA payload

5 02/07/2002 08:00:13.320 SEV=9 IKEDBG/0 RPT=71 172.18.124.241
processing ke payload

6 02/07/2002 08:00:13.320 SEV=9 IKEDBG/0 RPT=72 172.18.124.241
processing ISA_KE

7 02/07/2002 08:00:13.320 SEV=9 IKEDBG/1 RPT=7 172.18.124.241
processing nonce payload

8 02/07/2002 08:00:13.320 SEV=9 IKEDBG/1 RPT=8 172.18.124.241
```

```
Processing ID

9 02/07/2002 08:00:13.320 SEV=9 IKEDBG/47 RPT=4 172.18.124.241
processing VID payload

10 02/07/2002 08:00:13.320 SEV=9 IKEDBG/49 RPT=4 172.18.124.241
Received xauth V6 VID

11 02/07/2002 08:00:13.320 SEV=9 IKEDBG/47 RPT=5 172.18.124.241
processing VID payload

12 02/07/2002 08:00:13.320 SEV=9 IKEDBG/49 RPT=5 172.18.124.241
Received DPD VID

13 02/07/2002 08:00:13.320 SEV=9 IKEDBG/47 RPT=6 172.18.124.241
processing VID payload

14 02/07/2002 08:00:13.320 SEV=9 IKEDBG/49 RPT=6 172.18.124.241
Received Cisco Unity client VID

15 02/07/2002 08:00:13.320 SEV=9 IKEDBG/23 RPT=2 172.18.124.241
Starting group lookup for peer 172.18.124.241

16 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/1 RPT=2
AUTH_Open() returns 136

17 02/07/2002 08:00:13.320 SEV=7 AUTH/12 RPT=2
Authentication session opened: handle = 136

18 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/3 RPT=2
AUTH_PutAttrTable(136, 728a84)

19 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/6 RPT=2
AUTH_GroupAuthenticate(136, 9b143bc, 482fb0)

20 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/59 RPT=2
AUTH_BindServer(9a08630, 0, 0)

21 02/07/2002 08:00:13.320 SEV=9 AUTHDBG/69 RPT=2
Auth Server 16b3fa0 has been bound to ACB 9a08630, sessions = 1

22 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/65 RPT=2
AUTH_CreateTimer(9a08630, 0, 0)

23 02/07/2002 08:00:13.320 SEV=9 AUTHDBG/72 RPT=2
Reply timer created: handle = 3B2001B

24 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/61 RPT=2
AUTH_BuildMsg(9a08630, 0, 0)

25 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/64 RPT=2
AUTH_StartTimer(9a08630, 0, 0)

26 02/07/2002 08:00:13.320 SEV=9 AUTHDBG/73 RPT=2
Reply timer started: handle = 3B2001B, timestamp = 10085308, timeout = 30000

27 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/62 RPT=2
AUTH_SndRequest(9a08630, 0, 0)

28 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/50 RPT=3
IntDB_Decode(62b6d00, 115)

29 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/47 RPT=3
IntDB_Xmt(9a08630)

30 02/07/2002 08:00:13.320 SEV=9 AUTHDBG/71 RPT=2
```

```
xmit_cnt = 1

31 02/07/2002 08:00:13.320 SEV=8 AUTHDBG/47 RPT=4
IntDB_Xmt(9a08630)

32 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/49 RPT=2
IntDB_Match(9a08630, 2ebe71c)

33 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/63 RPT=2
AUTH_RcvReply(9a08630, 0, 0)

34 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/50 RPT=4
IntDB_Decode(2ebe71c, 44)

35 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/48 RPT=2
IntDB_Rcv(9a08630)

36 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/66 RPT=2
AUTH_DeleteTimer(9a08630, 0, 0)

37 02/07/2002 08:00:13.420 SEV=9 AUTHDBG/74 RPT=2
Reply timer stopped: handle = 3B2001B, timestamp = 10085318

38 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/58 RPT=2
AUTH_Callback(9a08630, 0, 0)

39 02/07/2002 08:00:13.420 SEV=6 AUTH/41 RPT=2 172.18.124.241
Authentication successful: handle = 136, server = Internal, group = ipsecgroup

40 02/07/2002 08:00:13.420 SEV=7 IKEDBG/0 RPT=73 172.18.124.241
Group [ipsecgroup]
Found Phase 1 Group (ipsecgroup)

41 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/4 RPT=2
AUTH_GetAttrTable(136, 728c4c)

42 02/07/2002 08:00:13.420 SEV=7 IKEDBG/14 RPT=2 172.18.124.241
Group [ipsecgroup]
Authentication configured for Internal

43 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/2 RPT=2
AUTH_Close(136)

44 02/07/2002 08:00:13.420 SEV=9 IKEDBG/0 RPT=74 172.18.124.241
Group [ipsecgroup]
processing IKE SA

45 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=75 172.18.124.241
Group [ipsecgroup]
Proposal # 1, Transform # 1, Type ISAKMP, Id IKE
Parsing received transform:
  Phase 1 failure against global IKE proposal # 1:
  Mismatched attr types for class Hash Alg:
    Rcv'd: SHA
    Cfg'd: MD5

50 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=76 172.18.124.241
Group [ipsecgroup]
  Phase 1 failure against global IKE proposal # 2:
  Mismatched attr types for class Hash Alg:
    Rcv'd: SHA
    Cfg'd: MD5

53 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=77 172.18.124.241
Group [ipsecgroup]
  Phase 1 failure against global IKE proposal # 3:
```

```
  Mismatched attr types for class DH Group:
    Rcv'd: Oakley Group 2
    Cfg'd: Oakley Group 1

57 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=78 172.18.124.241
Group [ipsecgroup]
  Phase 1 failure against global IKE proposal # 4:
  Mismatched attr types for class DH Group:
    Rcv'd: Oakley Group 2
    Cfg'd: Oakley Group 1

61 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=79 172.18.124.241
Group [ipsecgroup]
  Phase 1 failure against global IKE proposal # 5:
  Mismatched attr types for class DH Group:
    Rcv'd: Oakley Group 2
    Cfg'd: Oakley Group 7

65 02/07/2002 08:00:13.420 SEV=8 IKEDBG/0 RPT=80 172.18.124.241
Group [ipsecgroup]
  Phase 1 failure against global IKE proposal # 6:
  Mismatched attr types for class Hash Alg:
    Rcv'd: SHA
    Cfg'd: MD5

68 02/07/2002 08:00:13.420 SEV=7 IKEDBG/28 RPT=2 172.18.124.241
Group [ipsecgroup]
IKE SA Proposal # 1, Transform # 2 acceptable
Matches global IKE entry # 1

70 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/60 RPT=2
AUTH_UnbindServer(9a08630, 0, 0)

71 02/07/2002 08:00:13.420 SEV=9 AUTHDBG/70 RPT=2
Auth Server 16b3fa0 has been unbound from ACB 9a08630, sessions = 0

72 02/07/2002 08:00:13.420 SEV=8 AUTHDBG/10 RPT=2
AUTH_Int_FreeAuthCB(9a08630)

73 02/07/2002 08:00:13.420 SEV=7 AUTH/13 RPT=2
Authentication session closed: handle = 136

74 02/07/2002 08:00:13.450 SEV=9 IKEDBG/0 RPT=81 172.18.124.241

Group [ipsecgroup]
constructing ISA_SA for isakmp

75 02/07/2002 08:00:13.450 SEV=9 IKEDBG/0 RPT=82 172.18.124.241
Group [ipsecgroup]
constructing ke payload

76 02/07/2002 08:00:13.450 SEV=9 IKEDBG/1 RPT=9 172.18.124.241
Group [ipsecgroup]
constructing nonce payload

77 02/07/2002 08:00:13.450 SEV=9 IKEDBG/0 RPT=83 172.18.124.241
Group [ipsecgroup]
Generating keys for Responder...

78 02/07/2002 08:00:13.450 SEV=9 IKEDBG/1 RPT=10 172.18.124.241
Group [ipsecgroup]
constructing ID

79 02/07/2002 08:00:13.450 SEV=9 IKEDBG/0 RPT=84
Group [ipsecgroup]
construct hash payload
```

```
80 02/07/2002 08:00:13.450 SEV=9 IKEDBG/0 RPT=85 172.18.124.241
Group [ipsecgroup]
computing hash

81 02/07/2002 08:00:13.450 SEV=9 IKEDBG/46 RPT=5 172.18.124.241
Group [ipsecgroup]
constructing Cisco Unity VID payload

82 02/07/2002 08:00:13.450 SEV=9 IKEDBG/46 RPT=6 172.18.124.241
Group [ipsecgroup]
constructing xauth V6 VID payload

83 02/07/2002 08:00:13.450 SEV=9 IKEDBG/46 RPT=7 172.18.124.241
Group [ipsecgroup]
constructing dpd vid payload

84 02/07/2002 08:00:13.450 SEV=9 IKEDBG/46 RPT=8 172.18.124.241
Group [ipsecgroup]
constructing VID payload

85 02/07/2002 08:00:13.450 SEV=9 IKEDBG/48 RPT=2 172.18.124.241
Group [ipsecgroup]
Send Altiga GW VID

86 02/07/2002 08:00:13.450 SEV=8 IKEDBG/0 RPT=86 172.18.124.241
SENDING Message (msgid=0) with payloads :
HDR + SA (1) + KE (4) + NONCE (10) + ID (5) + HASH (8) + VENDOR (13) + VENDOR (1
3) + VENDOR (13) + VENDOR (13) + NONE (0) ... total length : 344

89 02/07/2002 08:00:13.480 SEV=8 IKEDBG/0 RPT=87 172.18.124.241
RECEIVED Message (msgid=0) with payloads :
HDR + HASH (8) + NOTIFY (11) + NONE (0) ... total length : 76

91 02/07/2002 08:00:13.480 SEV=9 IKEDBG/0 RPT=88 172.18.124.241
Group [ipsecgroup]
processing hash

92 02/07/2002 08:00:13.480 SEV=9 IKEDBG/0 RPT=89 172.18.124.241
Group [ipsecgroup]
computing hash

93 02/07/2002 08:00:13.480 SEV=9 IKEDBG/0 RPT=90 172.18.124.241
Group [ipsecgroup]
Processing Notify payload

94 02/07/2002 08:00:13.480 SEV=9 IKEDBG/0 RPT=91 172.18.124.241
Group [ipsecgroup]
constructing blank hash

95 02/07/2002 08:00:13.480 SEV=9 IKEDBG/0 RPT=92 172.18.124.241
Group [ipsecgroup]
constructing qm hash

96 02/07/2002 08:00:13.480 SEV=8 IKEDBG/0 RPT=93 172.18.124.241
SENDING Message (msgid=ec88ba81) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 100

98 02/07/2002 08:00:21.810 SEV=8 IKEDBG/0 RPT=94 172.18.124.241
RECEIVED Message (msgid=ec88ba81) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 85

100 02/07/2002 08:00:21.810 SEV=9 IKEDBG/1 RPT=11
process_attr(): Enter!

101 02/07/2002 08:00:21.810 SEV=9 IKEDBG/1 RPT=12
```

```
Processing MODE_CFG Reply attributes.

102 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/1 RPT=3
AUTH_Open() returns 137

103 02/07/2002 08:00:21.810 SEV=7 AUTH/12 RPT=3
Authentication session opened: handle = 137

104 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/3 RPT=3
AUTH_PutAttrTable(137, 728a84)

105 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/5 RPT=1
AUTH_Authenticate(137, 50093bc, 4b5708)

106 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/59 RPT=3
AUTH_BindServer(9b1544c, 0, 0)

107 02/07/2002 08:00:21.810 SEV=9 AUTHDBG/69 RPT=3
Auth Server 16b3fa0 has been bound to ACB 9b1544c, sessions = 1

108 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/65 RPT=3
AUTH_CreateTimer(9b1544c, 0, 0)

109 02/07/2002 08:00:21.810 SEV=9 AUTHDBG/72 RPT=3
Reply timer created: handle = 3B4001A

110 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/61 RPT=3
AUTH_BuildMsg(9b1544c, 0, 0)

111 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/64 RPT=3
AUTH_StartTimer(9b1544c, 0, 0)

112 02/07/2002 08:00:21.810 SEV=9 AUTHDBG/73 RPT=3
Reply timer started: handle = 3B4001A, timestamp = 10086157, timeout = 30000

113 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/62 RPT=3
AUTH_SndRequest(9b1544c, 0, 0)

114 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/50 RPT=5
IntDB_Decode(62b6d00, 102)

115 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/47 RPT=5
IntDB_Xmt(9b1544c)

116 02/07/2002 08:00:21.810 SEV=9 AUTHDBG/71 RPT=3
xmit_cnt = 1

117 02/07/2002 08:00:21.810 SEV=8 AUTHDBG/47 RPT=6
IntDB_Xmt(9b1544c)

118 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/49 RPT=3
IntDB_Match(9b1544c, 2ebe71c)

119 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/63 RPT=3
AUTH_RcvReply(9b1544c, 0, 0)

120 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/50 RPT=6
IntDB_Decode(2ebe71c, 62)

121 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/48 RPT=3
IntDB_Rcv(9b1544c)

122 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/66 RPT=3
AUTH_DeleteTimer(9b1544c, 0, 0)

123 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/74 RPT=3
```

```
Reply timer stopped: handle = 3B4001A, timestamp = 10086167

124 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/58 RPT=3
AUTH_Callback(9b1544c, 0, 0)

125 02/07/2002 08:00:21.910 SEV=6 AUTH/4 RPT=1 172.18.124.241
Authentication successful: handle = 137, server = Internal, user = ipsecuser

126 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/3 RPT=4
AUTH_PutAttrTable(137, 1861c60)

127 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/60 RPT=3
AUTH_UnbindServer(9b1544c, 0, 0)

128 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/70 RPT=3
Auth Server 16b3fa0 has been unbound from ACB 9b1544c, sessions = 0

129 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/59 RPT=4
AUTH_BindServer(9b1544c, 0, 0)

130 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/69 RPT=4
Auth Server 16b3fa0 has been bound to ACB 9b1544c, sessions = 1

131 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/65 RPT=4
AUTH_CreateTimer(9b1544c, 0, 0)

132 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/72 RPT=4
Reply timer created: handle = 3B5001A

133 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/61 RPT=4
AUTH_BuildMsg(9b1544c, 0, 0)

134 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/64 RPT=4
AUTH_StartTimer(9b1544c, 0, 0)

135 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/73 RPT=4
Reply timer started: handle = 3B5001A, timestamp = 10086167, timeout = 30000

136 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/62 RPT=4
AUTH_SndRequest(9b1544c, 0, 0)

137 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/50 RPT=7
IntDB_Decode(2ec5350, 44)


138 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/47 RPT=7
IntDB_Xmt(9b1544c)

139 02/07/2002 08:00:21.910 SEV=9 AUTHDBG/71 RPT=4
xmit_cnt = 1

140 02/07/2002 08:00:21.910 SEV=8 AUTHDBG/47 RPT=8
IntDB_Xmt(9b1544c)

141 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/49 RPT=4
IntDB_Match(9b1544c, 2ec3f64)

142 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/63 RPT=4
AUTH_RcvReply(9b1544c, 0, 0)

143 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/50 RPT=8
IntDB_Decode(2ec3f64, 44)

144 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/48 RPT=4
IntDB_Rcv(9b1544c)
```

```
145 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/66 RPT=4
AUTH_DeleteTimer(9b1544c, 0, 0)

146 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/74 RPT=4
Reply timer stopped: handle = 3B5001A, timestamp = 10086177

147 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/58 RPT=4
AUTH_Callback(9b1544c, 0, 0)

148 02/07/2002 08:00:22.010 SEV=6 AUTH/41 RPT=3 172.18.124.241
Authentication successful: handle = 137, server = Internal, group = ipsecgroup

149 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/3 RPT=5
AUTH_PutAttrTable(137, 1861c60)

150 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/60 RPT=4
AUTH_UnbindServer(9b1544c, 0, 0)

151 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/70 RPT=4
Auth Server 16b3fa0 has been unbound from ACB 9b1544c, sessions = 0

152 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/59 RPT=5
AUTH_BindServer(9b1544c, 0, 0)

153 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/69 RPT=5
Auth Server 16b3fa0 has been bound to ACB 9b1544c, sessions = 1

154 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/65 RPT=5
AUTH_CreateTimer(9b1544c, 0, 0)

155 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/72 RPT=5
Reply timer created: handle = 3B6001A

156 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/61 RPT=5
AUTH_BuildMsg(9b1544c, 0, 0)

157 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/64 RPT=5
AUTH_StartTimer(9b1544c, 0, 0)

158 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/73 RPT=5
Reply timer started: handle = 3B6001A, timestamp = 10086177, timeout = 30000

159 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/62 RPT=5
AUTH_SndRequest(9b1544c, 0, 0)

160 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/50 RPT=9
IntDB_Decode(2ec39ec, 44)

161 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/47 RPT=9
IntDB_Xmt(9b1544c)

162 02/07/2002 08:00:22.010 SEV=9 AUTHDBG/71 RPT=5
xmit_cnt = 1

163 02/07/2002 08:00:22.010 SEV=8 AUTHDBG/47 RPT=10
IntDB_Xmt(9b1544c)

164 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/49 RPT=5
IntDB_Match(9b1544c, 2ec5350)

165 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/63 RPT=5
AUTH_RcvReply(9b1544c, 0, 0)

166 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/50 RPT=10
IntDB_Decode(2ec5350, 44)
```

```
167 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/48 RPT=5
IntDB_Rcv(9b1544c)

168 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/66 RPT=5
AUTH_DeleteTimer(9b1544c, 0, 0)

169 02/07/2002 08:00:22.110 SEV=9 AUTHDBG/74 RPT=5
Reply timer stopped: handle = 3B6001A, timestamp = 10086187

170 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/58 RPT=5
AUTH_Callback(9b1544c, 0, 0)

171 02/07/2002 08:00:22.110 SEV=6 AUTH/41 RPT=4 172.18.124.241
Authentication successful: handle = 137, server = Internal, group = ipsecgroup

172 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/4 RPT=3
AUTH_GetAttrTable(137, 729c04)

173 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/4 RPT=4
AUTH_GetAttrTable(137, 728c4c)

174 02/07/2002 08:00:22.110 SEV=7 IKEDBG/14 RPT=3 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Authentication configured for Internal

175 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/2 RPT=3
AUTH_Close(137)

176 02/07/2002 08:00:22.110 SEV=4 IKE/52 RPT=61 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
User (ipsecuser) authenticated.

177 02/07/2002 08:00:22.110 SEV=9 IKEDBG/0 RPT=95 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing blank hash

178 02/07/2002 08:00:22.110 SEV=9 IKEDBG/0 RPT=96 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing qm hash

179 02/07/2002 08:00:22.110 SEV=8 IKEDBG/0 RPT=97 172.18.124.241
SENDING Message (msgid=4cc78f4e) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 60

181 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/60 RPT=5
AUTH_UnbindServer(9b1544c, 0, 0)

182 02/07/2002 08:00:22.110 SEV=9 AUTHDBG/70 RPT=5
Auth Server 16b3fa0 has been unbound from ACB 9b1544c, sessions = 0

183 02/07/2002 08:00:22.110 SEV=8 AUTHDBG/10 RPT=3
AUTH_Int_FreeAuthCB(9b1544c)

184 02/07/2002 08:00:22.110 SEV=7 AUTH/13 RPT=3
Authentication session closed: handle = 137

185 02/07/2002 08:00:22.110 SEV=8 IKEDBG/0 RPT=98 172.18.124.241
RECEIVED Message (msgid=4cc78f4e) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 56

187 02/07/2002 08:00:22.110 SEV=9 IKEDBG/1 RPT=13
process_attr(): Enter!

188 02/07/2002 08:00:22.110 SEV=9 IKEDBG/1 RPT=14
Processing cfg ACK attributes
```

```
189 02/07/2002 08:00:22.180 SEV=8 IKEDBG/0 RPT=99 172.18.124.241
RECEIVED Message (msgid=38a7c320) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 154

191 02/07/2002 08:00:22.180 SEV=9 IKEDBG/1 RPT=15
process_attr(): Enter!

192 02/07/2002 08:00:22.180 SEV=9 IKEDBG/1 RPT=16
Processing cfg Request attributes

193 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=1
MODE_CFG: Received request for IPV4 address!

194 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=2
MODE_CFG: Received request for IPV4 net mask!

195 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=3
MODE_CFG: Received request for DNS server address!

196 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=4
MODE_CFG: Received request for WINS server address!

197 02/07/2002 08:00:22.180 SEV=6 IKE/130 RPT=1 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Received unsupported transaction mode attribute: 5

199 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=5
MODE_CFG: Received request for Application Version!

200 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=6
MODE_CFG: Received request for Banner!

201 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=7
MODE_CFG: Received request for Save PW setting!

202 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=8
MODE_CFG: Received request for Default Domain Name!

203 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=9
MODE_CFG: Received request for Split Tunnel List!

204 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=10
MODE_CFG: Received request for PFS setting!

205 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=11
MODE_CFG: Received request for FWTYPE!

206 02/07/2002 08:00:22.180 SEV=9 IKEDBG/53 RPT=12
MODE_CFG: Received request for UDP Port!

207 02/07/2002 08:00:22.180 SEV=9 IKEDBG/31 RPT=1 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Obtained IP addr (10.1.1.100) prior to initiating Mode Cfg (XAuth enabled)

209 02/07/2002 08:00:22.180 SEV=9 IKEDBG/0 RPT=100 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing blank hash

210 02/07/2002 08:00:22.180 SEV=9 IKEDBG/0 RPT=101 172.18.124.241
0000: 00010004 0A010164 F0010000 F0070000     .......d........
0010: 00070062 43697363 6F205379 7374656D     ...bCisco System
0020: 732C2049 6E632E2F 56504E20 33303030     s, Inc./VPN 3000
0030: 20436F6E 63656E74 7261746F 72205665      Concentrator Ve
0040: 7273696F 6E20332E 352E5265 6C206275     rsion 3.5.Rel bu
0050: 696C7420 62792076 6D757270 6879206F     ilt by vmurphy o
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216 02/07/2002 08:00:22.180 SEV=9 IKEDBG/0 RPT=102 172.18.124.241
0000: 6E204E6F 76203237 20323030 31203131     n Nov 27 2001 11
0010: 3A32323A 3331                           :22:31

218 02/07/2002 08:00:22.180 SEV=9 IKEDBG/0 RPT=103 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing qm hash

219 02/07/2002 08:00:22.180 SEV=8 IKEDBG/0 RPT=104 172.18.124.241
SENDING Message (msgid=38a7c320) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 174

221 02/07/2002 08:00:22.190 SEV=9 IKEDBG/21 RPT=1 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Delay Quick Mode processing, Cert/Trans Exch/RM DSID in progress

223 02/07/2002 08:00:22.190 SEV=4 AUTH/22 RPT=86
User ipsecuser connected

224 02/07/2002 08:00:22.190 SEV=7 IKEDBG/22 RPT=1 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Resume Quick Mode processing, Cert/Trans Exch/RM DSID completed

226 02/07/2002 08:00:22.200 SEV=4 IKE/119 RPT=68 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
PHASE 1 COMPLETED

227 02/07/2002 08:00:22.200 SEV=6 IKE/121 RPT=1 172.18.124.241
Keep−alive type for this connection: DPD

228 02/07/2002 08:00:22.200 SEV=7 IKEDBG/0 RPT=105 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Starting phase 1 rekey timer: 82080000 (ms)

229 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=106 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
sending notify message

230 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=107 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing blank hash

231 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=108 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing qm hash

232 02/07/2002 08:00:22.200 SEV=8 IKEDBG/0 RPT=109 172.18.124.241
SENDING Message (msgid=be237358) with payloads :
HDR + HASH (8) + NOTIFY (11) + NONE (0) ... total length : 88

234 02/07/2002 08:00:22.200 SEV=8 IKEDBG/0 RPT=110 172.18.124.241
RECEIVED Message (msgid=472c326b) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NONE (0) ... total leng
th : 792

237 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=111 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing hash

238 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=112 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing SA payload

239 02/07/2002 08:00:22.200 SEV=9 IKEDBG/1 RPT=17 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing nonce payload
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```
240 02/07/2002 08:00:22.200 SEV=9 IKEDBG/1 RPT=18 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Processing ID

241 02/07/2002 08:00:22.200 SEV=5 IKE/25 RPT=62 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Received remote Proxy Host data in ID Payload:
Address 10.1.1.100, Protocol 0, Port 0

244 02/07/2002 08:00:22.200 SEV=9 IKEDBG/1 RPT=19 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Processing ID

245 02/07/2002 08:00:22.200 SEV=5 IKE/24 RPT=61 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Received local Proxy Host data in ID Payload:
Address 172.18.124.133, Protocol 0, Port 0

248 02/07/2002 08:00:22.200 SEV=8 IKEDBG/0 RPT=113
QM IsRekeyed old sa not found by addr

249 02/07/2002 08:00:22.200 SEV=5 IKE/66 RPT=121 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IKE Remote Peer configured for SA: ESP−3DES−MD5

251 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=114 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing IPSEC SA

252 02/07/2002 08:00:22.200 SEV=8 IKEDBG/0 RPT=115
Proposal # 2, Transform # 1, Type ESP, Id Triple−DES
Parsing received transform:
  Phase 2 failure:
  Mismatched attr types for class HMAC Algorithm:
    Rcv'd: SHA
    Cfg'd: MD5

256 02/07/2002 08:00:22.200 SEV=7 IKEDBG/27 RPT=1 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IPSec SA Proposal # 3, Transform # 1 acceptable

258 02/07/2002 08:00:22.200 SEV=7 IKEDBG/0 RPT=116 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IKE: requesting SPI!

259 02/07/2002 08:00:22.200 SEV=9 IPSECDBG/6 RPT=1
IPSEC key message parse − msgtype 6, len 200, vers 1, pid 00000000, seq 129, err
 0, type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0, hashKe
yLen 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 300

263 02/07/2002 08:00:22.200 SEV=9 IPSECDBG/1 RPT=1
Processing KEY_GETSPI msg!

264 02/07/2002 08:00:22.200 SEV=7 IPSECDBG/13 RPT=1
Reserved SPI 1037485220

265 02/07/2002 08:00:22.200 SEV=8 IKEDBG/6 RPT=1
IKE got SPI from key engine: SPI = 0x3dd6c4a4

266 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=117 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
oakley constucting quick mode

267 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=118 172.18.124.241
```

```
Group [ipsecgroup] User [ipsecuser]
constructing blank hash

268 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=119 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing ISA_SA for ipsec

269 02/07/2002 08:00:22.200 SEV=5 IKE/75 RPT=121 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Overriding Initiator's IPSec rekeying duration from 2147483 to 28800 seconds

271 02/07/2002 08:00:22.200 SEV=9 IKEDBG/1 RPT=20 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing ipsec nonce payload

272 02/07/2002 08:00:22.200 SEV=9 IKEDBG/1 RPT=21 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing proxy ID

273 02/07/2002 08:00:22.200 SEV=7 IKEDBG/0 RPT=120 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Transmitting Proxy Id:
  Remote host: 10.1.1.100  Protocol 0  Port 0
  Local host:  172.18.124.133  Protocol 0  Port 0

277 02/07/2002 08:00:22.200 SEV=7 IKEDBG/0 RPT=121 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Sending RESPONDER LIFETIME notification to Initiator

279 02/07/2002 08:00:22.200 SEV=9 IKEDBG/0 RPT=122 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing qm hash

280 02/07/2002 08:00:22.200 SEV=8 IKEDBG/0 RPT=123 172.18.124.241
SENDING Message (msgid=472c326b) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NOTIFY (11) + NONE (0)
... total length : 172

283 02/07/2002 08:00:22.210 SEV=8 IKEDBG/0 RPT=124 172.18.124.241
RECEIVED Message (msgid=64c59a32) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NONE (0) ... total leng
th : 796

286 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=125 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing hash

287 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=126 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing SA payload

288 02/07/2002 08:00:22.210 SEV=9 IKEDBG/1 RPT=22 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing nonce payload

289 02/07/2002 08:00:22.210 SEV=9 IKEDBG/1 RPT=23 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Processing ID

290 02/07/2002 08:00:22.210 SEV=5 IKE/25 RPT=63 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Received remote Proxy Host data in ID Payload:
Address 10.1.1.100, Protocol 0, Port 0

293 02/07/2002 08:00:22.210 SEV=9 IKEDBG/1 RPT=24 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
```

```
Processing ID

294 02/07/2002 08:00:22.210 SEV=5 IKE/34 RPT=61 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Received local IP Proxy Subnet data in ID Payload:
 Address 0.0.0.0, Mask 0.0.0.0, Protocol 0, Port 0

297 02/07/2002 08:00:22.210 SEV=8 IKEDBG/0 RPT=127
QM IsRekeyed old sa not found by addr

298 02/07/2002 08:00:22.210 SEV=5 IKE/66 RPT=122 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IKE Remote Peer configured for SA: ESP−3DES−MD5

300 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=128 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing IPSEC SA

301 02/07/2002 08:00:22.210 SEV=8 IKEDBG/0 RPT=129
Proposal # 2, Transform # 1, Type ESP, Id Triple−DES
Parsing received transform:
  Phase 2 failure:
  Mismatched attr types for class HMAC Algorithm:
    Rcv'd: SHA
    Cfg'd: MD5

305 02/07/2002 08:00:22.210 SEV=7 IKEDBG/27 RPT=2 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IPSec SA Proposal # 3, Transform # 1 acceptable

307 02/07/2002 08:00:22.210 SEV=7 IKEDBG/0 RPT=130 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
IKE: requesting SPI!

308 02/07/2002 08:00:22.210 SEV=9 IPSECDBG/6 RPT=2
IPSEC key message parse − msgtype 6, len 200, vers 1, pid 00000000, seq 130, err
 0, type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0, hashKe
yLen 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 300

312 02/07/2002 08:00:22.210 SEV=9 IPSECDBG/1 RPT=2
Processing KEY_GETSPI msg!

313 02/07/2002 08:00:22.210 SEV=7 IPSECDBG/13 RPT=2
Reserved SPI 1517437317

314 02/07/2002 08:00:22.210 SEV=8 IKEDBG/6 RPT=2
IKE got SPI from key engine: SPI = 0x5a724185

315 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=131 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
oakley constucting quick mode

316 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=132 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing blank hash

317 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=133 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing ISA_SA for ipsec

318 02/07/2002 08:00:22.210 SEV=5 IKE/75 RPT=122 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Overriding Initiator's IPSec rekeying duration from 2147483 to 28800 seconds

320 02/07/2002 08:00:22.210 SEV=9 IKEDBG/1 RPT=25 172.18.124.241
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```
Group [ipsecgroup] User [ipsecuser]
constructing ipsec nonce payload

321 02/07/2002 08:00:22.210 SEV=9 IKEDBG/1 RPT=26 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing proxy ID

322 02/07/2002 08:00:22.210 SEV=7 IKEDBG/0 RPT=134 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Transmitting Proxy Id:
  Remote host: 10.1.1.100  Protocol 0  Port 0
  Local subnet:  0.0.0.0  mask 0.0.0.0 Protocol 0  Port 0

326 02/07/2002 08:00:22.210 SEV=7 IKEDBG/0 RPT=135 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Sending RESPONDER LIFETIME notification to Initiator

328 02/07/2002 08:00:22.210 SEV=9 IKEDBG/0 RPT=136 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
constructing qm hash

329 02/07/2002 08:00:22.220 SEV=8 IKEDBG/0 RPT=137 172.18.124.241
SENDING Message (msgid=64c59a32) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NOTIFY (11) + NONE (0)
... total length : 176

332 02/07/2002 08:00:22.220 SEV=8 IKEDBG/0 RPT=138 172.18.124.241
RECEIVED Message (msgid=472c326b) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

334 02/07/2002 08:00:22.220 SEV=9 IKEDBG/0 RPT=139 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing hash

335 02/07/2002 08:00:22.220 SEV=9 IKEDBG/0 RPT=140 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
loading all IPSEC SAs

336 02/07/2002 08:00:22.220 SEV=9 IKEDBG/1 RPT=27 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Generating Quick Mode Key!

337 02/07/2002 08:00:22.220 SEV=9 IKEDBG/1 RPT=28 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Generating Quick Mode Key!

338 02/07/2002 08:00:22.220 SEV=7 IKEDBG/0 RPT=141 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Loading host:
  Dst: 172.18.124.133
  Src: 10.1.1.100

340 02/07/2002 08:00:22.220 SEV=4 IKE/49 RPT=129 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Security negotiation complete for User (ipsecuser)
Responder, Inbound SPI = 0x3dd6c4a4, Outbound SPI = 0x8104887e

343 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/6 RPT=3
IPSEC key message parse − msgtype 1, len 624, vers 1, pid 00000000, seq 0, err 0
, type 2, mode 1, state 64, label 0, pad 0, spi 8104887e, encrKeyLen 24, hashKey
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 0

347 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=3
Processing KEY_ADD msg!
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348 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=4
key_msghdr2secassoc(): Enter

349 02/07/2002 08:00:22.220 SEV=7 IPSECDBG/1 RPT=5
No USER filter configured

350 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=6
KeyProcessAdd: Enter

351 02/07/2002 08:00:22.220 SEV=8 IPSECDBG/1 RPT=7
KeyProcessAdd: Adding outbound SA

352 02/07/2002 08:00:22.220 SEV=8 IPSECDBG/1 RPT=8
KeyProcessAdd: src 172.18.124.133 mask 0.0.0.0, dst 10.1.1.100 mask 0.0.0.0

353 02/07/2002 08:00:22.220 SEV=8 IPSECDBG/1 RPT=9
KeyProcessAdd: FilterIpsecAddIkeSa success

354 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/6 RPT=4
IPSEC key message parse - msgtype 3, len 336, vers 1, pid 00000000, seq 0, err 0
, type 2, mode 1, state 32, label 0, pad 0, spi 3dd6c4a4, encrKeyLen 24, hashKey
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 0

358 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=10
Processing KEY_UPDATE msg!

359 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=11
Update inbound SA addresses

360 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=12
key_msghdr2secassoc(): Enter

361 02/07/2002 08:00:22.220 SEV=7 IPSECDBG/1 RPT=13
No USER filter configured

362 02/07/2002 08:00:22.220 SEV=9 IPSECDBG/1 RPT=14
KeyProcessUpdate: Enter

363 02/07/2002 08:00:22.220 SEV=8 IPSECDBG/1 RPT=15
KeyProcessUpdate: success

364 02/07/2002 08:00:22.220 SEV=8 IKEDBG/7 RPT=1
IKE got a KEY_ADD msg for SA: SPI = 0x8104887e

365 02/07/2002 08:00:22.220 SEV=8 IKEDBG/0 RPT=142
pitcher: rcv KEY_UPDATE, spi 0x3dd6c4a4

366 02/07/2002 08:00:22.220 SEV=4 IKE/120 RPT=129 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
PHASE 2 COMPLETED (msgid=472c326b)

367 02/07/2002 08:00:22.280 SEV=8 IKEDBG/0 RPT=143 172.18.124.241
RECEIVED Message (msgid=64c59a32) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

369 02/07/2002 08:00:22.280 SEV=9 IKEDBG/0 RPT=144 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
processing hash

370 02/07/2002 08:00:22.280 SEV=9 IKEDBG/0 RPT=145 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
loading all IPSEC SAs

371 02/07/2002 08:00:22.280 SEV=9 IKEDBG/1 RPT=29 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
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```
Generating Quick Mode Key!

372 02/07/2002 08:00:22.280 SEV=9 IKEDBG/1 RPT=30 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Generating Quick Mode Key!

373 02/07/2002 08:00:22.280 SEV=7 IKEDBG/0 RPT=146 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Loading subnet:
  Dst: 0.0.0.0  mask: 0.0.0.0
  Src: 10.1.1.100

375 02/07/2002 08:00:22.280 SEV=4 IKE/49 RPT=130 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
Security negotiation complete for User (ipsecuser)
Responder, Inbound SPI = 0x5a724185, Outbound SPI = 0x285e6ed0

378 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/6 RPT=5
IPSEC key message parse − msgtype 1, len 624, vers 1, pid 00000000, seq 0, err 0
, type 2, mode 1, state 64, label 0, pad 0, spi 285e6ed0, encrKeyLen 24, hashKey
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 0

382 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=16
Processing KEY_ADD msg!

383 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=17
key_msghdr2secassoc(): Enter

384 02/07/2002 08:00:22.280 SEV=7 IPSECDBG/1 RPT=18
No USER filter configured

385 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=19
KeyProcessAdd: Enter

386 02/07/2002 08:00:22.280 SEV=8 IPSECDBG/1 RPT=20
KeyProcessAdd: Adding outbound SA

387 02/07/2002 08:00:22.280 SEV=8 IPSECDBG/1 RPT=21
KeyProcessAdd: src 0.0.0.0 mask 255.255.255.255, dst 10.1.1.100 mask 0.0.0.0

388 02/07/2002 08:00:22.280 SEV=8 IPSECDBG/1 RPT=22
KeyProcessAdd: FilterIpsecAddIkeSa success

389 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/6 RPT=6
IPSEC key message parse − msgtype 3, len 336, vers 1, pid 00000000, seq 0, err 0
, type 2, mode 1, state 32, label 0, pad 0, spi 5a724185, encrKeyLen 24, hashKey
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 708648, lifetime2 0, ds
Id 0

393 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=23
Processing KEY_UPDATE msg!

394 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=24
Update inbound SA addresses

395 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=25
key_msghdr2secassoc(): Enter

396 02/07/2002 08:00:22.280 SEV=7 IPSECDBG/1 RPT=26
No USER filter configured

397 02/07/2002 08:00:22.280 SEV=9 IPSECDBG/1 RPT=27
KeyProcessUpdate: Enter

398 02/07/2002 08:00:22.280 SEV=8 IPSECDBG/1 RPT=28
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```
KeyProcessUpdate: success

399 02/07/2002 08:00:22.280 SEV=8 IKEDBG/7 RPT=2
IKE got a KEY_ADD msg for SA: SPI = 0x285e6ed0

400 02/07/2002 08:00:22.280 SEV=8 IKEDBG/0 RPT=147
pitcher: rcv KEY_UPDATE, spi 0x5a724185

401 02/07/2002 08:00:22.280 SEV=4 IKE/120 RPT=130 172.18.124.241
Group [ipsecgroup] User [ipsecuser]
PHASE 2 COMPLETED (msgid=64c59a32)
```

Related Information

- **Cisco VPN 3000 Series Concentrator Support Page**
- **Cisco VPN 3000 Series Client Support Page**
- **IPsec Negotiation/IKE Protocols**
- **Technical Support & Documentation − Cisco Systems**

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