

Cisco VPN Client для концентратора VPN 3000 с проверкой подлинности IPSec SDI (Версия сервера 3.3)

Содержание

[Введение](#)

[Предварительные условия](#)

[Требования](#)

[Используемые компоненты](#)

[Условные обозначения](#)

[Общие сведения](#)

[Настройка](#)

[Схема сети](#)

[Конфигурации](#)

[Проверка](#)

[Выполните тестирование Cisco VPN Client на концентраторе VPN 3000 с SDI](#)

[Устранение неполадок](#)

[Включение отладки в концентраторе VPN 3000](#)

[Отладка IPSec с локальной аутентификацией](#)

[Отладка IPSec с локальной аутентификацией](#)

[Отладка без ошибок с помощью SDI](#)

[Неудачные отладки](#)

[Дополнительные сведения](#)

Введение

Cisco VPN 3000 Concentrator может быть настроен для аутентификации клиентов Cisco VPN через сервер Security Dynamics International (SDI). VPN 3000 Concentrator действует как SDI - клиент, связывающийся с сервером SDI на порте протокола пользовательских датаграмм (UDP) 5500. Следующий документ показывает, как гарантировать, что сервер SDI, VPN 3000 Concentrator и Cisco VPN Client работают должным образом, и затем как объединить компоненты. [Если концентратор VPN 3000 еще не настроен, выполните шаги по его первоначальной установке и настройке с помощью интерфейса командной строки \(CLI\), как описано в документе "Установка и настройка концентратора VPN 3000 без SDI". Если концентратор VPN 3000 был настроен, выполните шаги для Изменения текущей конфигурации \(без SDI\).](#)

Предварительные условия

Требования

Для данного документа отсутствуют предварительные условия.

Используемые компоненты

При разработке и тестировании этой конфигурации использовались следующие версии программного и аппаратного обеспечения.

- Сервер SDI 3.3 (UNIX и NT)
- VPN 3000 Concentrator (2.5.2)
- VPN Client 2.5.2.A

Сведения, содержащиеся в данном документе, были получены с устройств в специальной лабораторной среде. Все устройства, описанные в данном документе, были запущены с конфигурацией по умолчанию. При работе с реальной сетью необходимо полностью осознавать возможные результаты использования всех команд.

Условные обозначения

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

Общие сведения

Этот документ применяется к обоим Cisco VPN 3000 Client (2.5.x) или Cisco VPN Client (3. x). Начиная с выпуска 3.0 и выше можно настроить отдельные серверы SDI для индивидуальных групп, в противоположность одному серверу SDI, заданному глобально и используемому всеми группами. Те группы, которые не имеют серверов SDI с индивидуальной настройкой, используют сервера SDI, определенные глобально.

Существует три типа нового режима для личных идентификационных номеров (PIN) в SDI. Концентратор VPN 3000 поддерживает первые два варианта, как показано ниже.

- Пользователь выбирает новый PIN.
- Сервер выбирает новый PIN и сообщает пользователям.
- Сервер выбирает новый PIN и сообщает пользователям; пользователи могут менять PIN-код.

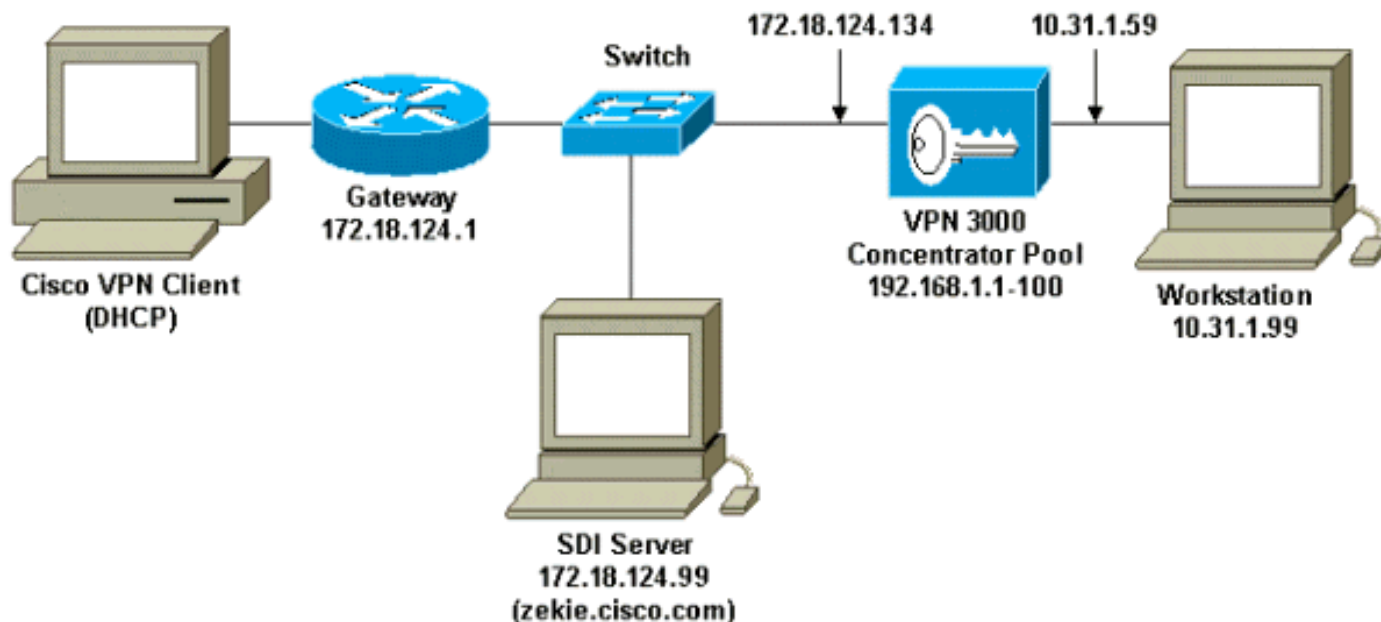
Настройка

В этом разделе содержатся сведения о настройке функций, описанных в этом документе.

Примечание: [Поиск дополнительной информации о командах в данном документе можно выполнить с помощью средства "Command Lookup" \(Поиск команд\) \(только для зарегистрированных клиентов\).](#)

Схема сети

В данном документе используется сетевая установка, показанная на следующей схеме.



Конфигурации

Установка и настройка концентратора VPN 3000 без использования SDI

Мы настроили VPN 3000 Concentrator для локальной аутентификации пользователя в группе; путем выполнения этого перед добавляющим SDI мы могли решить, что работает IPSec между Cisco VPN Client и VPN 3000 Concentrator. **Конфигурация концентратора VPN 3000 на консольном порту была очищена путем перехода к Administration > System Reboot > Schedule reboot > Reboot with Factory/Default Configuration.**

После перезагрузки используется следующая начальная конфигурация:

Конфигурация концентратора VPN 3000

```

Login: admin Password: Welcome to Cisco Systems VPN 3000
Concentrator Series Command Line Interface Copyright (C)
1998-2000 Cisco Systems, Inc. -- : Set the time on your
device. The correct time is very important, -- : so that
logging and accounting entries are accurate. -- : Enter
the system time in the following format: -- : HH:MM:SS.
Example 21:30:00 for 9:30 PM > Time Quick -> [ 13:02:39
] -- : Enter the date in the following format. -- :
MM/DD/YYYY Example 06/12/1999 for June 12th 1999. > Date
Quick -> [ 10/09/2000 ] -- : Set the time zone on your
device. The correct time zone is very -- : important so
that logging and accounting entries are accurate. -- :
Enter the time zone using the hour offset from GMT: -- :
-12 : Kwajalein -11 : Samoa -10 : Hawaii -9 : Alaska --
: -8 : PST -7 : MST -6 : CST -5 : EST -- : -4 : Atlantic
-3 : Brasilia -2 : Mid-Atlantic -1 : Azores -- : 0 : GMT
+1 : Paris +2 : Cairo +3 : Kuwait -- : +4 : Abu Dhabi +5
: Karachi +6 : Almaty +7 : Bangkok -- : +8 : Singapore
+9 : Tokyo +10 : Sydney +11 : Solomon Is. -- : +12 :
Marshall Is. > Time Zone Quick -> [ -5 ] -5 1) Enable
DST Support 2) Disable DST Support Quick -> [ 1 ] This
table shows current IP addresses. Interface IP
Address/Subnet Mask MAC Address -----
-----
| Ethernet 1 - Private | 0.0.0.0/0.0.0.0 | | Ethernet 2
- Public | 0.0.0.0/0.0.0.0 | | Ethernet 3 - External |

```

```

0.0.0.0/0.0.0.0 | -----
----- ** An address
is required for the private interface. ** > Enter IP
Address Quick Ethernet 1 -> [ 0.0.0.0 ] 10.31.1.59
Waiting for Network Initialization... > Enter Subnet
Mask Quick Ethernet 1 -> [ 255.0.0.0 ] 255.255.255.0 1)
Ethernet Speed 10 Mbps 2) Ethernet Speed 100 Mbps 3)
Ethernet Speed 10/100 Mbps Auto Detect Quick Ethernet 1
-> [ 3 ] 1) Enter Duplex - Half/Full/Auto 2) Enter
Duplex - Full Duplex 3) Enter Duplex - Half Duplex Quick
Ethernet 1 -> [ 1 ] 1) Modify Ethernet 1 IP Address
(Private) 2) Modify Ethernet 2 IP Address (Public) 3)
Modify Ethernet 3 IP Address (External) 4) Configure
Expansion Cards 5) Save changes to Config file 6)
Continue 7) Exit Quick -> 2 This table shows current IP
addresses. Interface IP Address/Subnet Mask MAC Address
-----
----- | Ethernet 1 - Private |
10.31.1.59/255.255.255.0 | 00.90.A4.00.1C.B4 | Ethernet
2 - Public | 0.0.0.0/0.0.0.0 | | Ethernet 3 - External |
0.0.0.0/0.0.0.0 | -----
----- > Enter IP
Address Quick Ethernet 2 -> [ 0.0.0.0 ] 172.18.124.134 >
Enter Subnet Mask Quick Ethernet 2 -> [ 255.255.0.0 ]
255.255.255.0 1) Ethernet Speed 10 Mbps 2) Ethernet
Speed 100 Mbps 3) Ethernet Speed 10/100 Mbps Auto Detect
Quick Ethernet 2 -> [ 3 ] 1) Enter Duplex -
Half/Full/Auto 2) Enter Duplex - Full Duplex 3) Enter
Duplex - Half Duplex Quick Ethernet 2 -> [ 1 ] 1) Modify
Ethernet 1 IP Address (Private) 2) Modify Ethernet 2 IP
Address (Public) 3) Modify Ethernet 3 IP Address
(External) 4) Configure Expansion Cards 5) Save changes
to Config file 6) Continue 7) Exit Quick -> 6 -- :
Assign a system name to this device. > System Name Quick
-> vpn3000 -- : Specify a local DNS server, which lets
you enter hostnames -- : rather than IP addresses while
configuring. > DNS Server Quick -> [ 0.0.0.0 ] -- :
Enter your Internet domain name; e.g., yourcompany.com >
Domain Quick -> > Default Gateway Quick -> 172.18.124.1
-- : Configure protocols and encryption options. -- :
This table shows current protocol settings PPTP | L2TP |
----- | Enabled
| Enabled | | No Encryption Req | No Encryption Req | --
----- 1) Enable
PPTP 2) Disable PPTP Quick -> [ 1 ] 1) PPTP Encryption
Required 2) No Encryption Required Quick -> [ 2 ] 1)
Enable L2TP 2) Disable L2TP Quick -> [ 1 ] 1) L2TP
Encryption Required 2) No Encryption Required Quick -> [
2 ] 1) Enable IPsec 2) Disable IPsec Quick -> [ 1 ] -- :
Configure address assignment for PPTP, L2TP and IPsec.
1) Enable Client Specified Address Assignment 2) Disable
Client Specified Address Assignment Quick -> [ 2 ] 1)
Enable Per User Address Assignment 2) Disable Per User
Address Assignment Quick -> [ 2 ] 1) Enable DHCP Address
Assignment 2) Disable DHCP Address Assignment Quick -> [
2 ] 1) Enable Configured Pool Address Assignment 2)
Disable Configured Pool Address Assignment Quick -> [ 2
] 1 > Configured Pool Range Start Address Quick ->
192.168.1.1 > Configured Pool Range End Address Quick ->
[ 0.0.0.0 ] 192.168.1.100 -- : Specify how to
authenticate users 1) Internal Authentication Server 2)
RADIUS Authentication Server 3) NT Domain Authentication
Server 4) SDI Authentication Server 5) Continue Quick ->
[ 1 ] 1 Current Users -----

```

```
----- No Users -----  
----- 1) Add a User 2) Delete a User 3)  
Continue Quick -> 1 > User Name Quick -> 37297304 >  
Password Quick -> ***** Verify -> ***** Current  
Users -----  
----- | 1. 37297304 | | -----  
----- 1) Add a User 2) Delete a User 3)  
Continue Quick -> 3 > IPSec Group Name Quick -> vpn3000  
> IPSec Group Password Quick -> ***** Verify ->  
***** -- : We strongly recommend that you change the  
password for user admin. > Reset Admin Password Quick ->  
[ ***** ] Verify -> 1) Goto Main Configuration Menu 2)  
Save changes to Config file 3) Exit Quick -> 2 1) Goto  
Main Configuration Menu 2) Save changes to Config file  
3) Exit Quick -> 3 Done
```

[Модифицируйте существующую конфигурацию \(без SDI\)](#)

Если параметры конфигурации концентратора VPN 3000 были настроены ранее, для проверки параметров группы, пользователя и IPSec/IKE используйте следующие экраны:

1. Используйте экран для добавления группы с локальной аутентификацией:

Configuration | User Management | Groups | Modify vpn3000

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	vpn3000	Enter a unique name for the group.
Password	*****	Enter the password for the group.
Verify	*****	Verify the group's password.
Type	Internal ▾	<i>External</i> groups are configured on an external authentication server (e.g. RADIUS). <i>Internal</i> groups are configured on the VPN 3000 Concentrator Series's Internal Database.

Apply Cancel

- Используйте следующий экран для добавления пользователя к группе с локальной аутентификацией:

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

Identity Parameters		
Attribute	Value	Description
User Name	<input type="text" value="37297304"/>	Enter a unique user name.
Password	<input type="password" value="*****"/>	Enter the user's password. The password must satisfy the group password requirements.
Verify	<input type="password" value="*****"/>	Verify the user's password.
Group	<input type="text" value="vpn3000"/>	Enter the group to which this user belongs.
IP Address	<input type="text"/>	Enter the IP address assigned to this user.
Subnet Mask	<input type="text"/>	Enter the subnet mask assigned to this user.

3. Для добавления настроек IKE (отображаемые настройки являются системными настройками по умолчанию) используйте экран IPSec > IKE proposal:

Select an **Active Proposal** and click **Deactivate** to make it **Inactive**, or click **Move Up** or **Move Down** to change its priority.

Click **Add** or **Copy** to add a new **Inactive Proposal**. IKE Proposals are used by [Security Associations](#) to specify IKE parameters.

Active Proposals	Actions	Inactive Proposals
IKE-3DES-MD5 IKE-3DES-MD5-DH1 IKE-DES-MD5	<input type="button" value=" << Activate"/> <input type="button" value=" Deactivate >>"/> <input type="button" value=" Move Up"/> <input type="button" value=" Move Down"/> <input type="button" value=" Add"/> <input type="button" value=" Modify"/> <input type="button" value=" Copy"/> <input type="button" value=" Delete"/>	IKE-3DES-MD5-RSA IKE-3DES-SHA-DSA IKE-3DES-MD5-RSA-DH1

[Тестовый Cisco VPN Client и VPN 3000 Concentrator без SDI](#)

После изменения существующей конфигурации на концентраторе VPN 3000 устанавливается Cisco VPN Client и настраивается новое подключение с конечной точкой 172.18.124.134 (общий интерфейс концентратора). Наша информация доступа группы была "vpn3000" (название группы), и пароль группы был паролем для группы. Когда мы нажали **Connect**, имя пользователя было "37297304" (имя пользователя), и пароль пользователя был паролем для пользователя (сохраненный локально на VPN 3000 Concentrator; никакой SDI еще не задействован). Смотрите [Отладку IPSec с локальной аутентификацией](#) для IKE, IKEDBG, IKEDECODE, IPSEC, IPSECDBG, отладки IPSECDECODE.

[Тестирование работы сервера SDI без концентратора VPN 3000](#)

UNIX (Solaris)

1. Создайте на сервере SDI учетную запись `sditest` с помощью средства администрирования Solaris. Запись `/etc/passwd` должна выглядеть следующим образом:
`sditest:x:76:10::/local/0/sditest:/local/0/opt/ace/prog/sdshell`
Примечание: Значения и пути к домашнему каталогу пользователя и "sdshell" зависят от системы.
2. Назначьте маркер для `sditest`.
3. Используя Telnet, попробуйте получить доступ к хосту UNIX как `sditest`. Хост предложит указать пароль UNIX, а также PASSCODE. После аутентификации вы можете войти на

этот узел как sditest.

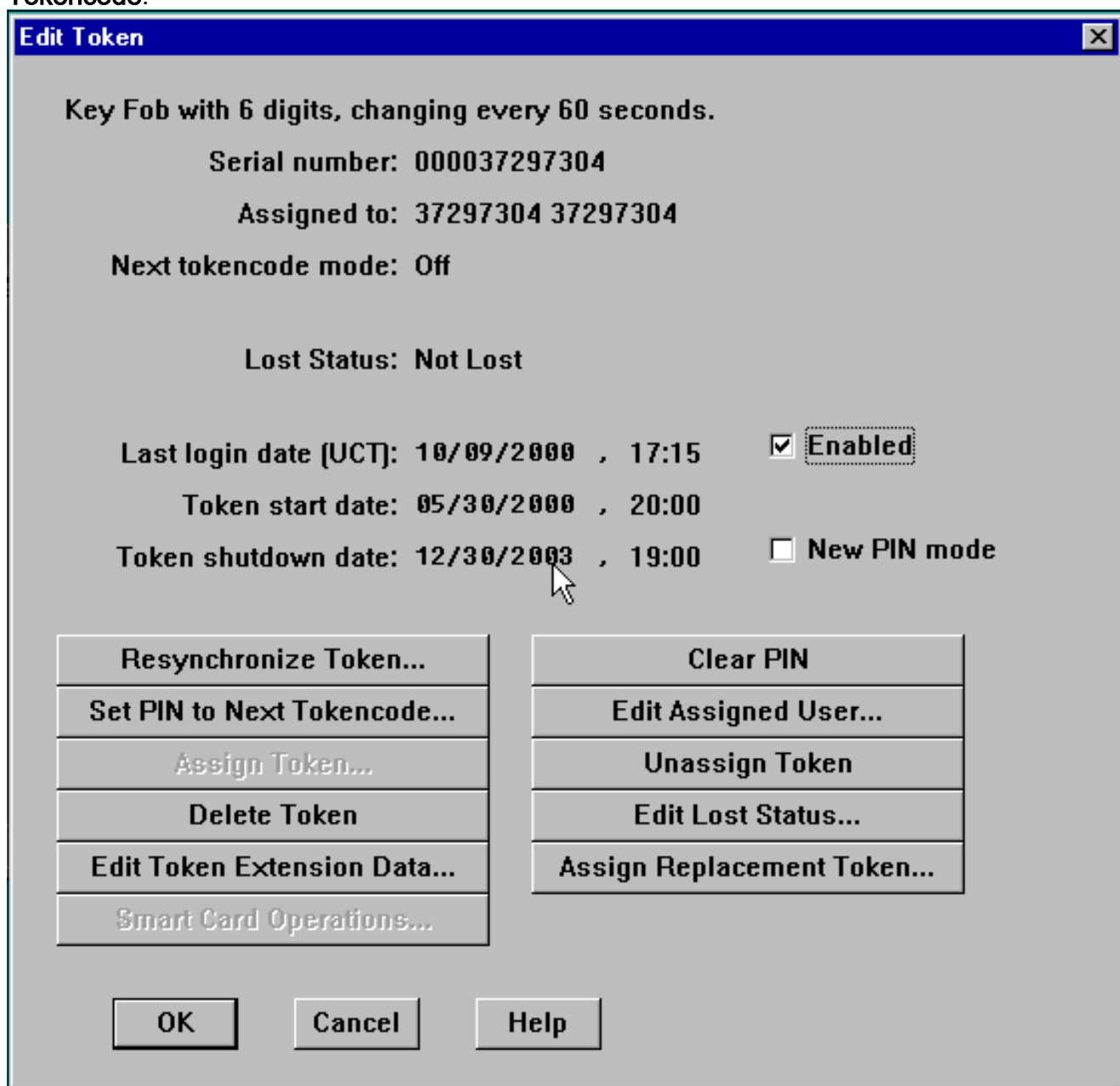
Microsoft Windows NT

1. Установите агента SecurSight.
2. Выберите Programs > SecurSight > Test Authentication.

[Настройте SDI/User для связи с концентратором VPN 3000](#)

Используйте следующие шаги для настройки SDI/Пользователя, чтобы говорить с VPN 3000 Concentrator:

1. На экране SDI Server Edit Token проверьте, что маркер "Включен" а не в Новом режиме PIN.
2. Нажмите Resynchronize Token и Set PIN to Next Tokencode.



3. В окне Edit User назначьте маркер для пользователя и проверьте, что флажок Allowed to create a PIN снят.
4. Нажмите Client Activations и проверьте, что включен VPN 3000

Concentrator.

Serial Number	Type	Status
000037297304	Key Fob	Enabled

Assign Token...	Edit Assigned Token...	Administrative Role...
Group Memberships...	Client Activations...	Edit User Extension Data...
Set/Change User Password...	Remove User Password	Edit Access Times...
Assign Profile...	Remove Profile Assignment	Delete User

Примечание: VPN 3000 Concentrator считают клиентом сервера SDI; экран ниже является сервером SDI, Добавляет/Редактирует Экран клиента. Поскольку это - новый клиент, "Передаваемый Секретный узел" коробка отображается серым. **SDI сервер не имел возможности отправить файл с секретным словом для концентратора (этот файл отображается как "SECURID"и находится следующим образом: Administration > File Management > Files).** Когда аутентификация на VPN 3000 будет пройдена, файл "node secret" будет отображен на концентраторе VPN 3000 и флажок "Sent Node Secret" будет установлен.

5. Нажмите **User Activations** и проверьте, что включен пользователь.

[Настройка и тестирование концентратора VPN 3000 для SDI](#)

Используйте следующие шаги, чтобы настроить и протестировать VPN 3000 Concentrator к SDI.

1. Следующий экран предназначен для настройки концентратора VPN 3000 для аутентификации в SDI:

Change a configured user authentication server.

Server Type

Selecting *Internal Server* will let you add users to the internal user database.

Authentication Server

Enter IP address or hostname.

Server Port

Enter 0 for default port (5500).

Timeout

Enter the timeout for this server (seconds).

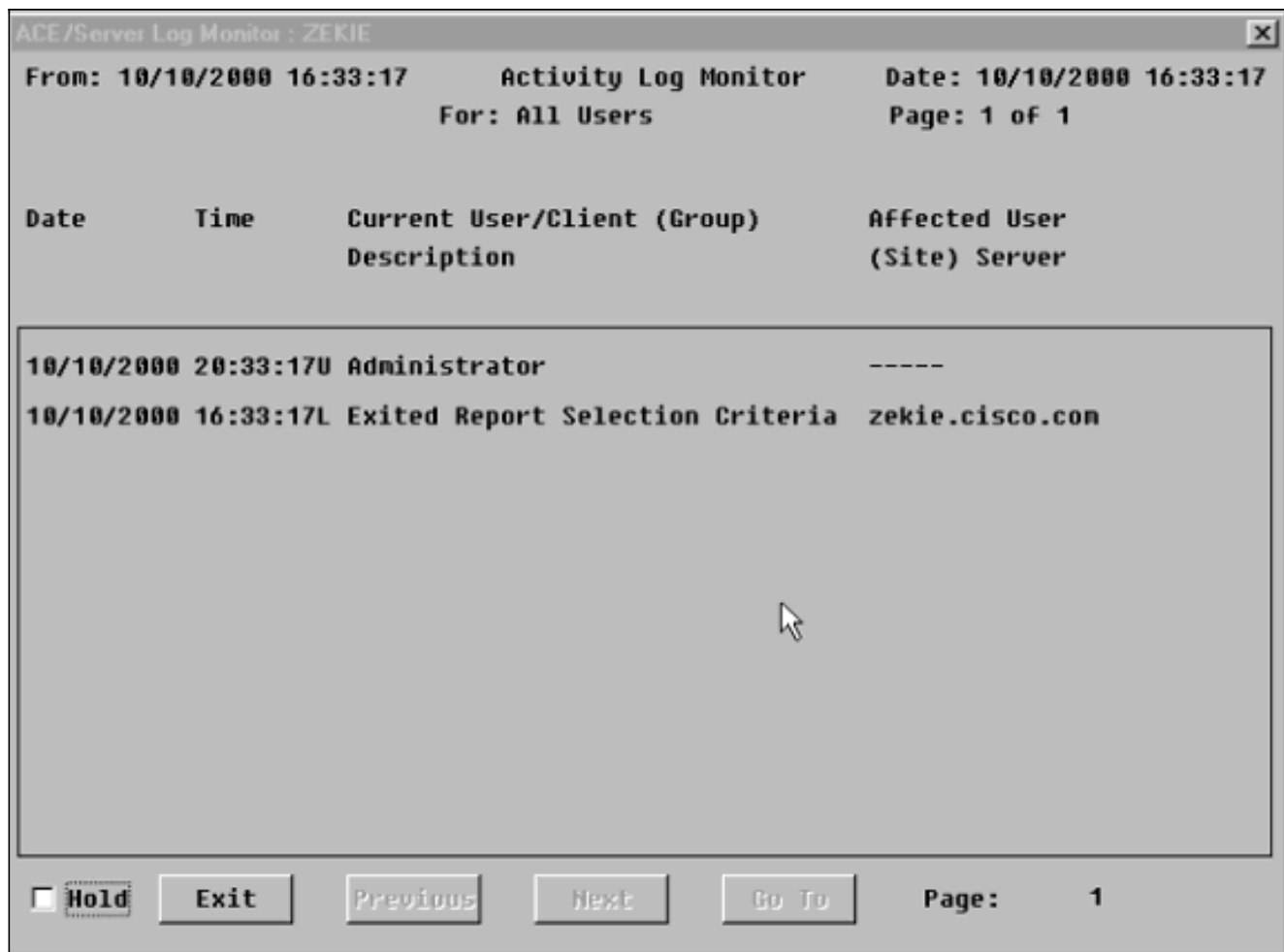
Retries

Enter the number of retries for this server.

Apply

Cancel

- Из SDI перейдите в раздел в "Отчеты > Контроль журналов > Контроль активности" и нажмите ОК, чтобы увидеть входящие запросы.



3. На концентраторе VPN 3000 нажмите кнопку Test (Проверить), чтобы проверить соединение.

This section lets you configure parameters for servers that authenticate users.

You should have a properly configured RADIUS, NT Domain, or SDI server to access, or you can configure the internal server and [add users to the internal database](#).

Click the **Add** button to add a server, or select a server and click **Modify**, **Delete**, **Move**, or **Test**.

Authentication Servers	Actions
Internal (Internal) 172.18.124.99 (SDI)	<input type="button" value="Add"/> <input type="button" value="Modify"/> <input type="button" value="Delete"/> <input type="button" value="Move Up"/> <input type="button" value="Move Down"/> <input type="button" value="Test"/>

4. Если аутентификация хороша, показы VPN 3000 Concentrator: **Аутентификация выполнена успешно**

В вышеупомянутом примере мы определили один глобальный сервер SDI. Можно также задать индивидуальные серверы SDI для каждой группы перейдя в Configuration > User Management > Groups (Конфигурация > Управление пользователями > Группы), выделив соответствующую группу и выбрав команду Modify Auth Server (Изменить сервер аутентификации).

Сведения отладки содержатся в следующих разделах документа:

- [Включение отладки в концентраторе VPN 3000](#)
- [Отладка без ошибок с помощью SDI](#)
- [Неудачные отладки](#)

Проверка

В этом разделе содержатся сведения, которые помогают убедиться в надлежащей работе конфигурации.

[Выполните тестирование Cisco VPN Client на концентраторе VPN 3000 с SDI](#)

Если все работает до этой точки, пора объединить Cisco VPN Client, VPN 3000 Concentrator и сервер SDI. Необходимо сделать одно изменение на концентраторе VPN 3000: изменить рабочую группу, которую мы назвали "vpn3000", чтобы посылать запросы серверу SDI.

Configuration | User Management | Groups | Modify vpn3000

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 General **IPSec** PPTP/L2TP

IPSec Parameters			
Attribute	Value	Inherit?	Description
IPSec SA	ESP-3DES-MD5	<input checked="" type="checkbox"/>	Select the group's IPSec Security Association.
Tunnel Type	Remote Access	<input checked="" type="checkbox"/>	Select the type of tunnel for this group. Update the Remote Access parameters below as needed.
Remote Access Parameters			
Group Lock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lock users into this group.
Authentication	SDI	<input type="checkbox"/>	Select the authentication method for users in this group.
Mode Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Check to use Mode Configuration for users of this group. Update parameters below if checked.
Mode Configuration Parameters			
Banner	<input type="text"/>	<input checked="" type="checkbox"/>	Enter the banner for this group.

[Устранение неполадок](#)

В этом разделе описывается процесс устранения неполадок конфигурации.

[Включение отладки в концентраторе VPN 3000](#)

Имя класса для аутентификации:

- AUTH
- AUTHDBG
- AUTHDECODE

Имя класса для IPSec:

- IKE, IKEDBG, IKEDECODE
- IPSEC, IPSECDBG, IPSECDECODE
- Степени серьезности ошибки для Регистрации = 1-9
- Код серьезности ошибки для консоли = 1-3

This screen lets you add and configure an event class for special handling.

Class Name	<input type="text" value="Select Class"/>	Select the event class to configure.
Enable	<input type="checkbox"/>	Check to enable special handling of this class.
Severity to Log	<input type="text" value="1-5"/>	Select the range of severity values to enter in the log.
Severity to Console	<input type="text" value="1-3"/>	Select the range of severity values to display on the console.
Severity to Syslog	<input type="text" value="None"/>	Select the range of severity values to send to a Syslog server.
Severity to Email	<input type="text" value="None"/>	Select the range of severity values to send via email to the recipient list.
Severity to Trap	<input type="text" value="None"/>	Select the range of severity values to send to an SNMP system.

Нажмите **Get Log** для просмотра результатов операции отладки.

Monitoring | Event Log

Select Filter Options

Event Class

 AUTH
 AUTHDBG
 AUTHDECODE

Severities

 1
 2
 3

Client IP Address

Events/Page

Direction

[Отладка IPsec с локальной аутентификацией](#)

1 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=1 161.44.17.135

ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): 00 00 00 00 00 00 00 00
Next Payload : SA (1)
Exchange Type : Oakley Aggressive Mode
Flags : 0
Message ID : 0
Length : 307

7 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=1 161.44.17.135

RECEIVED Message (msgid=0) with payloads :
HDR + SA (1) + KE (4) + NONCE (10) + ID (5) + VENDOR (13) + NONE (0)
... total length : 307

10 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=2 161.44.17.135

processing SA payload

11 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=2 161.44.17.135

SA Payload Decode :
DOI : IPSEC (1)
Situation : Identity Only (1)
Length : 120

14 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=3 161.44.17.135

Proposal Decode:
Proposal # : 1
Protocol ID : ISAKMP (1)
#of Transforms: 4
Spi : 00 00 00 00
Length : 108

18 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=4 161.44.17.135

Transform # 1 Decode for Proposal # 1:
Transform # : 1
Transform ID : IKE (1)
Length : 24

20 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=5 161.44.17.135

Phase 1 SA Attribute Decode for Transform # 1:

Encryption Alg: DES-CBC (1)
Hash Alg : MD5 (1)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

24 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=6 161.44.17.135

Transform # 2 Decode for Proposal # 1:

Transform # : 2
Transform ID : IKE (1)
Length : 24

26 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=7 161.44.17.135

Phase 1 SA Attribute Decode for Transform # 2:

Encryption Alg: Triple-DES (5)
Hash Alg : MD5 (1)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

30 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=8 161.44.17.135

Transform # 3 Decode for Proposal # 1:

Transform # : 3
Transform ID : IKE (1)
Length : 24

32 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=9 161.44.17.135

Phase 1 SA Attribute Decode for Transform # 3:

Encryption Alg: Triple-DES (5)
Hash Alg : SHA (2)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

36 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=10 161.44.17.135

Transform # 4 Decode for Proposal # 1:

Transform # : 4
Transform ID : IKE (1)
Length : 24

38 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=11 161.44.17.135

Phase 1 SA Attribute Decode for Transform # 4:

Encryption Alg: DES-CBC (1)
Hash Alg : SHA (2)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

42 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=3 161.44.17.135

Proposal # 1, Transform # 1, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

47 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=4 161.44.17.135

Phase 1 failure against global IKE proposal # 2:

Mismatched attr types for class Encryption Alg:
Rcv'd: DES-CBC
Cfg'd: Triple-DES

50 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=5 161.44.17.135

Proposal # 1, Transform # 2, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

55 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=6 161.44.17.135
Proposal # 1, Transform # 3, Type ISAKMP, Id IKE
Parsing received transform:
Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

60 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=7 161.44.17.135
Phase 1 failure against global IKE proposal # 2:
Mismatched attr types for class Hash Alg:
Rcv'd: SHA
Cfg'd: MD5

62 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=8 161.44.17.135
Phase 1 failure against global IKE proposal # 3:
Mismatched attr types for class Encryption Alg:
Rcv'd: Triple-DES
Cfg'd: DES-CBC

65 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=9 161.44.17.135
Proposal # 1, Transform # 4, Type ISAKMP, Id IKE
Parsing received transform:
Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

70 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=10 161.44.17.135
Phase 1 failure against global IKE proposal # 2:
Mismatched attr types for class Encryption Alg:
Rcv'd: DES-CBC
Cfg'd: Triple-DES

73 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=11 161.44.17.135
Phase 1 failure against global IKE proposal # 3:
Mismatched attr types for class Hash Alg:
Rcv'd: SHA
Cfg'd: MD5

75 10/10/2000 17:12:32.560 SEV=7 IKEDBG/0 RPT=12 161.44.17.135
Oakley proposal is acceptable

76 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=13 161.44.17.135
processing ke payload

77 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=14 161.44.17.135
processing ISA_KE

78 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=1 161.44.17.135
processing nonce payload

79 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=2 161.44.17.135
Processing ID

80 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=3 161.44.17.135
processing vid payload

81 10/10/2000 17:12:32.580 SEV=9 IKEDBG/23 RPT=1 161.44.17.135

Starting group lookup for peer 161.44.17.135

82 10/10/2000 17:12:32.680 SEV=7 IKEDBG/0 RPT=15 161.44.17.135
Found Phase 1 Group (vpn3000)

83 10/10/2000 17:12:32.680 SEV=7 IKEDBG/14 RPT=1 161.44.17.135
Authentication configured for Internal

84 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=16 161.44.17.135
constructing ISA_SA for isakmp

85 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=17 161.44.17.135
constructing ke payload

86 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=4 161.44.17.135
constructing nonce payload

87 10/10/2000 17:12:32.680 SEV=9 IKE/0 RPT=1 161.44.17.135
Generating keys for Responder...

88 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=5 161.44.17.135
constructing ID

89 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=18
construct hash payload

90 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=19 161.44.17.135
computing hash

91 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=6 161.44.17.135
constructing vid payload

92 10/10/2000 17:12:32.680 SEV=8 IKEDBG/0 RPT=20 161.44.17.135
SENDING Message (msgid=0) with payloads :
HDR + SA (1) ... total length : 248

93 10/10/2000 17:12:32.730 SEV=8 IKEDECODE/0 RPT=12 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Aggressive Mode
Flags : 1 (ENCRYPT)
Message ID : 0
Length : 52

99 10/10/2000 17:12:32.730 SEV=8 IKEDBG/0 RPT=21 161.44.17.135
RECEIVED Message (msgid=0) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

101 10/10/2000 17:12:32.730 SEV=9 IKEDBG/0 RPT=22 161.44.17.135
processing hash

102 10/10/2000 17:12:32.730 SEV=9 IKEDBG/0 RPT=23 161.44.17.135
computing hash

103 10/10/2000 17:12:33.410 SEV=8 IKEDECODE/0 RPT=13 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Quick Mode
Flags : 1 (ENCRYPT)
Message ID : 48687ca1

Length : 308

110 10/10/2000 17:12:33.410 SEV=9 IKEDBG/21 RPT=1 161.44.17.135
Delay Quick Mode processing, Cert/Trans Exch/RM DSID in progress

111 10/10/2000 17:12:33.410 SEV=9 IKEDBG/0 RPT=24 161.44.17.135
constructing blank hash

112 10/10/2000 17:12:33.410 SEV=9 IKEDBG/0 RPT=25 161.44.17.135
constructing qm hash

113 10/10/2000 17:12:33.410 SEV=8 IKEDBG/0 RPT=26 161.44.17.135
SENDING Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) ... total length : 68

115 10/10/2000 17:12:44.680 SEV=8 IKEDECODE/0 RPT=14 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Transactional
Flags : 1 (ENCRYPT)
Message ID : fc2ce5eb
Length : 92

122 10/10/2000 17:12:44.680 SEV=8 IKEDBG/0 RPT=27 161.44.17.135
RECEIVED Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 85

124 10/10/2000 17:12:44.680 SEV=9 IKEDBG/1 RPT=7
process_attr(): Enter!

125 10/10/2000 17:12:44.680 SEV=9 IKEDBG/1 RPT=8
Processing cfg reply attributes.

126 10/10/2000 17:12:44.980 SEV=7 IKEDBG/14 RPT=2 161.44.17.135
User [37297304]
Authentication configured for Internal

127 10/10/2000 17:12:44.980 SEV=4 IKE/52 RPT=7 161.44.17.135
User [37297304]
User (37297304) authenticated.

128 10/10/2000 17:12:44.980 SEV=9 IKEDBG/31 RPT=1 161.44.17.135
User [37297304]
Obtained IP addr (192.168.1.1) prior to initiating Mode Cfg (XAuth enabled)

130 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=28 161.44.17.135
User [37297304]
constructing blank hash

131 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=29 161.44.17.135
0000: 00010004 C0A80101 F0010000

132 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=30 161.44.17.135
User [37297304]
constructing QM hash

133 10/10/2000 17:12:44.980 SEV=8 IKEDBG/0 RPT=31 161.44.17.135
SENDING Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) ... total length : 80

135 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=15 161.44.17.135
ISAKMP HEADER : (Version 1.0)

Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Transactional
Flags : 1 (ENCRYPT)
Message ID : fc2ce5eb
Length : 68

142 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=32 161.44.17.135
RECEIVED Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 64

144 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=9
process_attr(): Enter!

145 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=10
Processing cfg ACK attributes

146 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=11
Received IPV4 address ack!

147 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=12
Received Save PW ack!

148 10/10/2000 17:12:44.990 SEV=4 AUTH/21 RPT=18
User 37297304 connected

149 10/10/2000 17:12:44.990 SEV=7 IKEDBG/22 RPT=1 161.44.17.135
User [37297304]
Resume Quick Mode processing, Cert/Trans Exch/RM DSID completed

151 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=33 161.44.17.135
RECEIVED Message (msgid=48687ca1) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NOTIFY (11) + NONE (0)
... total length : 304

154 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=34 161.44.17.135
User [37297304]
processing hash

155 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=35 161.44.17.135
User [37297304]
processing SA payload

156 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=16 161.44.17.135
SA Payload Decode :
DOI : IPSEC (1)
Situation : Identity Only (1)
Length : 180

159 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=17 161.44.17.135
Proposal Decode:
Proposal # : 1
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

163 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=18 161.44.17.135
Transform # 1 Decode for Proposal # 1:
Transform # : 1
Transform ID : DES-CBC (2)
Length : 16

165 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=19 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

167 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=20 161.44.17.135
Proposal Decode:
Proposal # : 2
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

171 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=21 161.44.17.135
Transform # 1 Decode for Proposal # 2:
Transform # : 1
Transform ID : Triple-DES (3)
Length : 16

173 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=22 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

175 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=23 161.44.17.135
Proposal Decode:
Proposal # : 3
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

179 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=24 161.44.17.135
Transform # 1 Decode for Proposal # 3:
Transform # : 1
Transform ID : DES-CBC (2)
Length : 16

181 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=25 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

183 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=26 161.44.17.135
Proposal Decode:
Proposal # : 4
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

187 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=27 161.44.17.135
Transform # 1 Decode for Proposal # 4:
Transform # : 1
Transform ID : Triple-DES (3)
Length : 16

189 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=28 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

191 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=29 161.44.17.135
Proposal Decode:

Proposal # : 5
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

195 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=30 161.44.17.135

Transform # 1 Decode for Proposal # 5:

Transform # : 1
Transform ID : NULL (11)
Length : 16

197 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=31 161.44.17.135

Phase 2 SA Attribute Decode for Transform # 1:

HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

199 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=32 161.44.17.135

Proposal Decode:

Proposal # : 6
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

203 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=33 161.44.17.135

Transform # 1 Decode for Proposal # 6:

Transform # : 1
Transform ID : NULL (11)
Length : 16

205 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=34 161.44.17.135

Phase 2 SA Attribute Decode for Transform # 1:

HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

207 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=13 161.44.17.135

User [37297304]

processing nonce payload

208 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=14 161.44.17.135

User [37297304]

Processing ID

209 10/10/2000 17:12:44.990 SEV=5 IKE/25 RPT=13 161.44.17.135

User [37297304]

Received remote Proxy Host data in ID Payload:

Address 161.44.17.135, Protocol 0, Port 0

212 10/10/2000 17:12:44.990 SEV=7 IKEDBG/1 RPT=15 161.44.17.135

User [37297304]

Modifying client proxy src address!

213 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=16 161.44.17.135

User [37297304]

Processing ID

214 10/10/2000 17:12:44.990 SEV=5 IKE/24 RPT=7 161.44.17.135

User [37297304]

Received local Proxy Host data in ID Payload:

Address 172.18.124.134, Protocol 0, Port 0

217 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=36 161.44.17.135

User [37297304]

Processing Notify payload

218 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=35 161.44.17.135

Notify Payload Decode :

DOI : IPSEC (1)
Protocol : ISAKMP (1)
Message : Initial contact (24578)
Spi : 9D F3 34 FE 89 BF AA B2 B7 AD 34 D2 74 4D 05 DA
Length : 28

224 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=37

QM IsRekeyed old sa not found by addr

225 10/10/2000 17:12:44.990 SEV=5 IKE/66 RPT=13 161.44.17.135

User [37297304]

IKE Remote Peer configured for SA: ESP-3DES-MD5

226 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=38 161.44.17.135

User [37297304]

processing IPSEC SA

227 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=39

Proposal # 1, Transform # 1, Type ESP, Id DES-CBC

Parsing received transform:

Phase 2 failure:

Mismatched transform IDs for protocol ESP:

Rcv'd: DES-CBC

Cfg'd: Triple-DES

232 10/10/2000 17:12:45.000 SEV=7 IKEDBG/27 RPT=1 161.44.17.135

User [37297304]

IPSec SA Proposal # 2, Transform # 1 acceptable

233 10/10/2000 17:12:45.000 SEV=7 IKEDBG/0 RPT=40 161.44.17.135

User [37297304]

IKE: requesting SPI!

234 10/10/2000 17:12:45.000 SEV=6 IKE/0 RPT=2

AM received unexpected event EV_ACTIVATE_NEW_SA in state AM_ACTIVE

235 10/10/2000 17:12:45.000 SEV=9 IPSECDBG/6 RPT=1

IPSEC key message parse - msgtype 6, len 164, vers 1, pid 00000000, seq 13,
err 0, type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0,
hashKeyLen 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 300,
lifetime2 2000000000, dsId 2

239 10/10/2000 17:12:45.000 SEV=9 IPSECDBG/1 RPT=1

Processing KEY_GETSPI msg!

240 10/10/2000 17:12:45.000 SEV=7 IPSECDBG/13 RPT=1

Reserved SPI 1773955517

241 10/10/2000 17:12:45.000 SEV=8 IKEDBG/6 RPT=1

IKE got SPI from key engine: SPI = 0x69bc69bd

242 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=41 161.44.17.135

User [37297304]

oakley constructing quick mode

243 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=42 161.44.17.135

User [37297304]

constructing blank hash

244 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=43 161.44.17.135

User [37297304]
constructing ISA_SA for ipsec

245 10/10/2000 17:12:45.000 SEV=9 IKEDBG/1 RPT=17 161.44.17.135
User [37297304]
constructing ipsec nonce payload

246 10/10/2000 17:12:45.000 SEV=9 IKEDBG/1 RPT=18 161.44.17.135
User [37297304]
constructing proxy ID

247 10/10/2000 17:12:45.000 SEV=7 IKEDBG/0 RPT=44 161.44.17.135
User [37297304]
Transmitting Proxy Id:
Remote host: 192.168.1.1 Protocol 0 Port 0
Local host: 172.18.124.134 Protocol 0 Port 0

251 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=45 161.44.17.135
User [37297304]
constructing QM hash

252 10/10/2000 17:12:45.000 SEV=8 IKEDBG/0 RPT=46 161.44.17.135
SENDING Message (msgid=48687ca1) with payloads :
HDR + HASH (8) ... total length : 136

254 10/10/2000 17:12:45.010 SEV=8 IKEDECODE/0 RPT=36 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Quick Mode
Flags : 1 (ENCRYPT)
Message ID : 48687ca1
Length : 52

261 10/10/2000 17:12:45.010 SEV=8 IKEDBG/0 RPT=47 161.44.17.135
RECEIVED Message (msgid=48687ca1) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

263 10/10/2000 17:12:45.010 SEV=9 IKEDBG/0 RPT=48 161.44.17.135
User [37297304]
processing hash

264 10/10/2000 17:12:45.010 SEV=9 IKEDBG/0 RPT=49 161.44.17.135
User [37297304]
loading all IPSEC SAs

265 10/10/2000 17:12:45.010 SEV=9 IKEDBG/1 RPT=19 161.44.17.135
User [37297304]
Generating Quick Mode Key!

266 10/10/2000 17:12:45.010 SEV=9 IKEDBG/1 RPT=20 161.44.17.135
User [37297304]
Generating Quick Mode Key!

267 10/10/2000 17:12:45.020 SEV=7 IKEDBG/0 RPT=50 161.44.17.135
User [37297304]
Loading host:
Dst: 172.18.124.134
Src: 192.168.1.1

268 10/10/2000 17:12:45.020 SEV=4 IKE/49 RPT=13 161.44.17.135
User [37297304]
Security negotiation complete for User (37297304)

Responder, Inbound SPI = 0x69bc69bd, Outbound SPI = 0x991518b4

271 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/6 RPT=2
IPSEC key message parse - msgtype 1, Len 536, vers 1, pid 00000000, seq 0,
err 0, type 2, mode 1, state 64, label 0, pad 0, spi 991518b4, encrKeyLen 24,
hashKeyLen 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 0,
lifetime2 0, dsId 2

274 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=2
Processing KEY_ADD MSG!

275 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=3
key_msghdr2secassoc(): Enter

276 10/10/2000 17:12:45.020 SEV=7 IPSECDBG/1 RPT=4
No USER filter configured

277 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=5
KeyProcessAdd: Enter

278 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=6
KeyProcessAdd: Adding outbound SA

279 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=7
KeyProcessAdd: src 172.18.124.134 mask 0.0.0.0, dst 192.168.1.1 mask 0.0.0.0

280 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=8
KeyProcessAdd: FilterIpssecAddIkeSa success

281 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/6 RPT=3
IPSEC key message parse - msgtype 3, Len 292, vers 1, pid 00000000, seq 0,
err 0, type 2, mode 1, state 32, label 0, pad 0, spi 69bc69bd, encrKeyLen 24,
hashKeyLen 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 0,
lifetime2 0, dsId 2

284 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=9
Processing KEY_UPDATE MSG!

285 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=10
Update inbound SA addresses

286 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=11
key_msghdr2secassoc(): Enter

287 10/10/2000 17:12:45.020 SEV=7 IPSECDBG/1 RPT=12
No USER filter configured

288 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=13
KeyProcessUpdate: Enter

289 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=14
KeyProcessUpdate: success

290 10/10/2000 17:12:45.020 SEV=8 IKEDBG/7 RPT=1
IKE got a KEY_ADD MSG for SA: SPI = 0x991518b4

291 10/10/2000 17:12:45.020 SEV=8 IKEDBG/0 RPT=51
pitcher: rcv KEY_UPDATE, spi 0x69bc69bd

[Отладка IPsec с локальной аутентификацией](#)

1 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=1 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): 00 00 00 00 00 00 00 00

Next Payload : SA (1)
Exchange Type : Oakley Aggressive Mode
Flags : 0
Message ID : 0
Length : 307

7 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=1 161.44.17.135
RECEIVED Message (msgid=0) with payloads :
HDR + SA (1) + KE (4) + NONCE (10) + ID (5) + VENDOR (13) + NONE (0)
... total length : 307

10 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=2 161.44.17.135
processing SA payload

11 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=2 161.44.17.135
SA Payload Decode :
DOI : IPSEC (1)
Situation : Identity Only (1)
Length : 120

14 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=3 161.44.17.135
Proposal Decode:
Proposal # : 1
Protocol ID : ISAKMP (1)
#of Transforms: 4
Spi : 00 00 00 00
Length : 108

18 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=4 161.44.17.135
Transform # 1 Decode for Proposal # 1:
Transform # : 1
Transform ID : IKE (1)
Length : 24

20 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=5 161.44.17.135
Phase 1 SA Attribute Decode for Transform # 1:
Encryption Alg: DES-CBC (1)
Hash Alg : MD5 (1)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

24 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=6 161.44.17.135
Transform # 2 Decode for Proposal # 1:
Transform # : 2
Transform ID : IKE (1)
Length : 24

26 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=7 161.44.17.135
Phase 1 SA Attribute Decode for Transform # 2:
Encryption Alg: Triple-DES (5)
Hash Alg : MD5 (1)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

30 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=8 161.44.17.135
Transform # 3 Decode for Proposal # 1:
Transform # : 3
Transform ID : IKE (1)
Length : 24

32 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=9 161.44.17.135
Phase 1 SA Attribute Decode for Transform # 3:
Encryption Alg: Triple-DES (5)
Hash Alg : SHA (2)

DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

36 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=10 161.44.17.135

Transform # 4 Decode for Proposal # 1:

Transform # : 4
Transform ID : IKE (1)
Length : 24

38 10/10/2000 17:12:32.560 SEV=8 IKEDECODE/0 RPT=11 161.44.17.135

Phase 1 SA Attribute Decode for Transform # 4:

Encryption Alg: DES-CBC (1)
Hash Alg : SHA (2)
DH Group : Oakley Group 1 (1)
Auth Method : Preshared Key (1)

42 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=3 161.44.17.135

Proposal # 1, Transform # 1, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

47 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=4 161.44.17.135

Phase 1 failure against global IKE proposal # 2:

Mismatched attr types for class Encryption Alg:
Rcv'd: DES-CBC
Cfg'd: Triple-DES

50 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=5 161.44.17.135

Proposal # 1, Transform # 2, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

55 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=6 161.44.17.135

Proposal # 1, Transform # 3, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1
Cfg'd: Oakley Group 2

60 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=7 161.44.17.135

Phase 1 failure against global IKE proposal # 2:

Mismatched attr types for class Hash Alg:
Rcv'd: SHA
Cfg'd: MD5

62 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=8 161.44.17.135

Phase 1 failure against global IKE proposal # 3:

Mismatched attr types for class Encryption Alg:
Rcv'd: Triple-DES
Cfg'd: DES-CBC

65 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=9 161.44.17.135

Proposal # 1, Transform # 4, Type ISAKMP, Id IKE

Parsing received transform:

Phase 1 failure against global IKE proposal # 1:
Mismatched attr types for class DH Group:
Rcv'd: Oakley Group 1

Cfg'd: Oakley Group 2

70 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=10 161.44.17.135
Phase 1 failure against global IKE proposal # 2:
Mismatched attr types for class Encryption Alg:
Rcv'd: DES-CBC
Cfg'd: Triple-DES

73 10/10/2000 17:12:32.560 SEV=8 IKEDBG/0 RPT=11 161.44.17.135
Phase 1 failure against global IKE proposal # 3:
Mismatched attr types for class Hash Alg:
Rcv'd: SHA
Cfg'd: MD5

75 10/10/2000 17:12:32.560 SEV=7 IKEDBG/0 RPT=12 161.44.17.135
Oakley proposal is acceptable

76 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=13 161.44.17.135
processing ke payload

77 10/10/2000 17:12:32.560 SEV=9 IKEDBG/0 RPT=14 161.44.17.135
processing ISA_KE

78 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=1 161.44.17.135
processing nonce payload

79 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=2 161.44.17.135
Processing ID

80 10/10/2000 17:12:32.560 SEV=9 IKEDBG/1 RPT=3 161.44.17.135
processing vid payload

81 10/10/2000 17:12:32.580 SEV=9 IKEDBG/23 RPT=1 161.44.17.135
Starting group lookup for peer 161.44.17.135

82 10/10/2000 17:12:32.680 SEV=7 IKEDBG/0 RPT=15 161.44.17.135
Found Phase 1 Group (vpn3000)

83 10/10/2000 17:12:32.680 SEV=7 IKEDBG/14 RPT=1 161.44.17.135
Authentication configured for Internal

84 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=16 161.44.17.135
constructing ISA_SA for isakmp

85 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=17 161.44.17.135
constructing ke payload

86 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=4 161.44.17.135
constructing nonce payload

87 10/10/2000 17:12:32.680 SEV=9 IKE/0 RPT=1 161.44.17.135
Generating keys for Responder...

88 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=5 161.44.17.135
constructing ID

89 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=18
construct hash payload

90 10/10/2000 17:12:32.680 SEV=9 IKEDBG/0 RPT=19 161.44.17.135
computing hash

91 10/10/2000 17:12:32.680 SEV=9 IKEDBG/1 RPT=6 161.44.17.135
constructing vid payload

92 10/10/2000 17:12:32.680 SEV=8 IKEDBG/0 RPT=20 161.44.17.135
SENDING Message (msgid=0) with payloads :
HDR + SA (1) ... total length : 248

93 10/10/2000 17:12:32.730 SEV=8 IKEDECODE/0 RPT=12 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Aggressive Mode
Flags : 1 (ENCRYPT)
Message ID : 0
Length : 52

99 10/10/2000 17:12:32.730 SEV=8 IKEDBG/0 RPT=21 161.44.17.135
RECEIVED Message (msgid=0) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

101 10/10/2000 17:12:32.730 SEV=9 IKEDBG/0 RPT=22 161.44.17.135
processing hash

102 10/10/2000 17:12:32.730 SEV=9 IKEDBG/0 RPT=23 161.44.17.135
computing hash

103 10/10/2000 17:12:33.410 SEV=8 IKEDECODE/0 RPT=13 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Quick Mode
Flags : 1 (ENCRYPT)
Message ID : 48687ca1
Length : 308

110 10/10/2000 17:12:33.410 SEV=9 IKEDBG/21 RPT=1 161.44.17.135
Delay Quick Mode processing, Cert/Trans Exch/RM DSID in progress

111 10/10/2000 17:12:33.410 SEV=9 IKEDBG/0 RPT=24 161.44.17.135
constructing blank hash

112 10/10/2000 17:12:33.410 SEV=9 IKEDBG/0 RPT=25 161.44.17.135
constructing qm hash

113 10/10/2000 17:12:33.410 SEV=8 IKEDBG/0 RPT=26 161.44.17.135
SENDING Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) ... total length : 68

115 10/10/2000 17:12:44.680 SEV=8 IKEDECODE/0 RPT=14 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Transactional
Flags : 1 (ENCRYPT)
Message ID : fc2ce5eb
Length : 92

122 10/10/2000 17:12:44.680 SEV=8 IKEDBG/0 RPT=27 161.44.17.135
RECEIVED Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 85

124 10/10/2000 17:12:44.680 SEV=9 IKEDBG/1 RPT=7
process_attr(): Enter!

125 10/10/2000 17:12:44.680 SEV=9 IKEDBG/1 RPT=8
Processing cfg reply attributes.

126 10/10/2000 17:12:44.980 SEV=7 IKEDBG/14 RPT=2 161.44.17.135
User [37297304]
Authentication configured for Internal

127 10/10/2000 17:12:44.980 SEV=4 IKE/52 RPT=7 161.44.17.135
User [37297304]
User (37297304) authenticated.

128 10/10/2000 17:12:44.980 SEV=9 IKEDBG/31 RPT=1 161.44.17.135
User [37297304]
Obtained IP addr (192.168.1.1) prior to initiating Mode Cfg (XAuth enabled)

130 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=28 161.44.17.135
User [37297304]
constructing blank hash

131 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=29 161.44.17.135
0000: 00010004 C0A80101 F0010000

132 10/10/2000 17:12:44.980 SEV=9 IKEDBG/0 RPT=30 161.44.17.135
User [37297304]
constructing QM hash

133 10/10/2000 17:12:44.980 SEV=8 IKEDBG/0 RPT=31 161.44.17.135
SENDING Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) ... total length : 80

135 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=15 161.44.17.135
ISAKMP HEADER : (Version 1.0)
Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2
Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA
Next Payload : HASH (8)
Exchange Type : Oakley Transactional
Flags : 1 (ENCRYPT)
Message ID : fc2ce5eb
Length : 68

142 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=32 161.44.17.135
RECEIVED Message (msgid=fc2ce5eb) with payloads :
HDR + HASH (8) + ATTR (14) + NONE (0) ... total length : 64

144 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=9
process_attr(): Enter!

145 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=10
Processing cfg ACK attributes

146 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=11
Received IPV4 address ack!

147 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=12
Received Save PW ack!

148 10/10/2000 17:12:44.990 SEV=4 AUTH/21 RPT=18
User 37297304 connected

149 10/10/2000 17:12:44.990 SEV=7 IKEDBG/22 RPT=1 161.44.17.135
User [37297304]
Resume Quick Mode processing, Cert/Trans Exch/RM DSID completed

151 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=33 161.44.17.135
RECEIVED Message (msgid=48687ca1) with payloads :
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NOTIFY (11) + NONE (0)
... total length : 304

154 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=34 161.44.17.135
User [37297304]
processing hash

155 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=35 161.44.17.135
User [37297304]
processing SA payload

156 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=16 161.44.17.135
SA Payload Decode :
DOI : IPSEC (1)
Situation : Identity Only (1)
Length : 180

159 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=17 161.44.17.135
Proposal Decode:
Proposal # : 1
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

163 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=18 161.44.17.135
Transform # 1 Decode for Proposal # 1:
Transform # : 1
Transform ID : DES-CBC (2)
Length : 16

165 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=19 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

167 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=20 161.44.17.135
Proposal Decode:
Proposal # : 2
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

171 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=21 161.44.17.135
Transform # 1 Decode for Proposal # 2:
Transform # : 1
Transform ID : Triple-DES (3)
Length : 16

173 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=22 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

175 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=23 161.44.17.135
Proposal Decode:
Proposal # : 3
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

179 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=24 161.44.17.135

Transform # 1 Decode for Proposal # 3:

Transform # : 1
Transform ID : DES-CBC (2)
Length : 16

181 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=25 161.44.17.135

Phase 2 SA Attribute Decode for Transform # 1:

HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

183 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=26 161.44.17.135

Proposal Decode:

Proposal # : 4
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

187 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=27 161.44.17.135

Transform # 1 Decode for Proposal # 4:

Transform # : 1
Transform ID : Triple-DES (3)
Length : 16

189 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=28 161.44.17.135

Phase 2 SA Attribute Decode for Transform # 1:

HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

191 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=29 161.44.17.135

Proposal Decode:

Proposal # : 5
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

195 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=30 161.44.17.135

Transform # 1 Decode for Proposal # 5:

Transform # : 1
Transform ID : NULL (11)
Length : 16

197 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=31 161.44.17.135

Phase 2 SA Attribute Decode for Transform # 1:

HMAC Algorithm: MD5 (1)
Encapsulation : Tunnel (1)

199 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=32 161.44.17.135

Proposal Decode:

Proposal # : 6
Protocol ID : ESP (3)
#of Transforms: 1
Spi : 99 15 18 B4
Length : 28

203 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=33 161.44.17.135

Transform # 1 Decode for Proposal # 6:

Transform # : 1
Transform ID : NULL (11)
Length : 16

205 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=34 161.44.17.135
Phase 2 SA Attribute Decode for Transform # 1:
HMAC Algorithm: SHA (2)
Encapsulation : Tunnel (1)

207 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=13 161.44.17.135
User [37297304]
processing nonce payload

208 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=14 161.44.17.135
User [37297304]
Processing ID

209 10/10/2000 17:12:44.990 SEV=5 IKE/25 RPT=13 161.44.17.135
User [37297304]
Received remote Proxy Host data in ID Payload:
Address 161.44.17.135, Protocol 0, Port 0

212 10/10/2000 17:12:44.990 SEV=7 IKEDBG/1 RPT=15 161.44.17.135
User [37297304]
Modifying client proxy src address!

213 10/10/2000 17:12:44.990 SEV=9 IKEDBG/1 RPT=16 161.44.17.135
User [37297304]
Processing ID

214 10/10/2000 17:12:44.990 SEV=5 IKE/24 RPT=7 161.44.17.135
User [37297304]
Received local Proxy Host data in ID Payload:
Address 172.18.124.134, Protocol 0, Port 0

217 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=36 161.44.17.135
User [37297304]
Processing Notify payload

218 10/10/2000 17:12:44.990 SEV=8 IKEDECODE/0 RPT=35 161.44.17.135
Notify Payload Decode :
DOI : IPSEC (1)
Protocol : ISAKMP (1)
Message : Initial contact (24578)
Spi : 9D F3 34 FE 89 BF AA B2 B7 AD 34 D2 74 4D 05 DA
Length : 28

224 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=37
QM IsRekeyed old sa not found by addr

225 10/10/2000 17:12:44.990 SEV=5 IKE/66 RPT=13 161.44.17.135
User [37297304]
IKE Remote Peer configured for SA: ESP-3DES-MD5

226 10/10/2000 17:12:44.990 SEV=9 IKEDBG/0 RPT=38 161.44.17.135
User [37297304]
processing IPSEC SA

227 10/10/2000 17:12:44.990 SEV=8 IKEDBG/0 RPT=39
Proposal # 1, Transform # 1, Type ESP, Id DES-CBC
Parsing received transform:
Phase 2 failure:
Mismatched transform IDs for protocol ESP:
Rcv'd: DES-CBC
Cfg'd: Triple-DES

232 10/10/2000 17:12:45.000 SEV=7 IKEDBG/27 RPT=1 161.44.17.135
User [37297304]

IPSec SA Proposal # 2, Transform # 1 acceptable

233 10/10/2000 17:12:45.000 SEV=7 IKEDBG/0 RPT=40 161.44.17.135

User [37297304]

IKE: requesting SPI!

234 10/10/2000 17:12:45.000 SEV=6 IKE/0 RPT=2

AM received unexpected event EV_ACTIVATE_NEW_SA in state AM_ACTIVE

235 10/10/2000 17:12:45.000 SEV=9 IPSECDBG/6 RPT=1

IPSEC key message parse - msgtype 6, len 164, vers 1, pid 00000000, seq 13, err 0, type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0, hashKeyLen 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 300, lifetime2 2000000000, dsId 2

239 10/10/2000 17:12:45.000 SEV=9 IPSECDBG/1 RPT=1

Processing KEY_GETSPI msg!

240 10/10/2000 17:12:45.000 SEV=7 IPSECDBG/13 RPT=1

Reserved SPI 1773955517

241 10/10/2000 17:12:45.000 SEV=8 IKEDBG/6 RPT=1

IKE got SPI from key engine: SPI = 0x69bc69bd

242 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=41 161.44.17.135

User [37297304]

oakley constructing quick mode

243 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=42 161.44.17.135

User [37297304]

constructing blank hash

244 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=43 161.44.17.135

User [37297304]

constructing ISA_SA for ipsec

245 10/10/2000 17:12:45.000 SEV=9 IKEDBG/1 RPT=17 161.44.17.135

User [37297304]

constructing ipsec nonce payload

246 10/10/2000 17:12:45.000 SEV=9 IKEDBG/1 RPT=18 161.44.17.135

User [37297304]

constructing proxy ID

247 10/10/2000 17:12:45.000 SEV=7 IKEDBG/0 RPT=44 161.44.17.135

User [37297304]

Transmitting Proxy Id:

Remote host: 192.168.1.1 Protocol 0 Port 0

Local host: 172.18.124.134 Protocol 0 Port 0

251 10/10/2000 17:12:45.000 SEV=9 IKEDBG/0 RPT=45 161.44.17.135

User [37297304]

constructing QM hash

252 10/10/2000 17:12:45.000 SEV=8 IKEDBG/0 RPT=46 161.44.17.135

SENDING Message (msgid=48687ca1) with payloads :

HDR + HASH (8) ... total length : 136

254 10/10/2000 17:12:45.010 SEV=8 IKEDECODE/0 RPT=36 161.44.17.135

ISAKMP HEADER : (Version 1.0)

Initiator Cookie(8): 9D F3 34 FE 89 BF AA B2

Responder Cookie(8): B7 AD 34 D2 74 4D 05 DA

Next Payload : HASH (8)

Exchange Type : Oakley Quick Mode

Flags : 1 (ENCRYPT)
Message ID : 48687ca1
Length : 52

261 10/10/2000 17:12:45.010 SEV=8 IKEDBG/0 RPT=47 161.44.17.135
RECEIVED Message (msgid=48687ca1) with payloads :
HDR + HASH (8) + NONE (0) ... total length : 48

263 10/10/2000 17:12:45.010 SEV=9 IKEDBG/0 RPT=48 161.44.17.135
User [37297304]
processing hash

264 10/10/2000 17:12:45.010 SEV=9 IKEDBG/0 RPT=49 161.44.17.135
User [37297304]
loading all IPSEC SAs

265 10/10/2000 17:12:45.010 SEV=9 IKEDBG/1 RPT=19 161.44.17.135
User [37297304]
Generating Quick Mode Key!

266 10/10/2000 17:12:45.010 SEV=9 IKEDBG/1 RPT=20 161.44.17.135
User [37297304]
Generating Quick Mode Key!

267 10/10/2000 17:12:45.020 SEV=7 IKEDBG/0 RPT=50 161.44.17.135
User [37297304]
Loading host:
Dst: 172.18.124.134
Src: 192.168.1.1

268 10/10/2000 17:12:45.020 SEV=4 IKE/49 RPT=13 161.44.17.135
User [37297304]
Security negotiation complete for User (37297304)
Responder, Inbound SPI = 0x69bc69bd, Outbound SPI = 0x991518b4

271 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/6 RPT=2
IPSEC key message parse - msgtype 1, Len 536, vers 1, pid 00000000, seq 0,
err 0, type 2, mode 1, state 64, label 0, pad 0, spi 991518b4, encrKeyLen 24,
hashKeyLen 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 0,
lifetime2 0, dsId 2

274 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=2
Processing KEY_ADD MSG!

275 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=3
key_msghdr2secassoc(): Enter

276 10/10/2000 17:12:45.020 SEV=7 IPSECDBG/1 RPT=4
No USER filter configured

277 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=5
KeyProcessAdd: Enter

278 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=6
KeyProcessAdd: Adding outbound SA

279 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=7
KeyProcessAdd: src 172.18.124.134 mask 0.0.0.0, dst 192.168.1.1 mask 0.0.0.0

280 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=8
KeyProcessAdd: FilterIpsecAddIkeSa success

281 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/6 RPT=3
IPSEC key message parse - msgtype 3, Len 292, vers 1, pid 00000000, seq 0,

err 0, type 2, mode 1, state 32, label 0, pad 0, spi 69bc69bd, encrKeyLen 24, hashKeyLen 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 0, lifetime2 0, dsId 2

284 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=9
Processing KEY_UPDATE MSG!

285 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=10
Update inbound SA addresses

286 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=11
key_msghdr2secassoc(): Enter

287 10/10/2000 17:12:45.020 SEV=7 IPSECDBG/1 RPT=12
No USER filter configured

288 10/10/2000 17:12:45.020 SEV=9 IPSECDBG/1 RPT=13
KeyProcessUpdate: Enter

289 10/10/2000 17:12:45.020 SEV=8 IPSECDBG/1 RPT=14
KeyProcessUpdate: success

290 10/10/2000 17:12:45.020 SEV=8 IKEDBG/7 RPT=1
IKE got a KEY_ADD MSG for SA: SPI = 0x991518b4

291 10/10/2000 17:12:45.020 SEV=8 IKEDBG/0 RPT=51
pitcher: rcv KEY_UPDATE, spi 0x69bc69bd

[Отладка без ошибок с помощью SDI](#)

[Отладка SDI](#)

Если успешна (первая аутентификация на SDI)

```
10/06/2000 11:57:04/U 37297304/vpn3000 000037297304/37297304
372
10/06/2000 11:57:04/L Node Secret Sent to Client zekie.cisco.com
10/06/2000 15:57:05/U 37297304/vpn3000 000037297304/37297304
372
10/06/2000 11:57:05/U PASSCODE Accepted zekie.cisco.com
```

Если успешный (после первой аутентификации на SDI)

```
10/06/2000 16:06:09U 37297304/vpn3000 000037297304/37297304
372
10/06/2000 12:06:09L PASSCODE Accepted zekie.cisco.com
```

[Отладка концентратора VPN 3000 \(проверяется\)](#)

Отладка "Имя класса" для аутентификации:

- AUTH
- AUTHDBG
- AUTHDECODE

4 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/1 RPT=1
AUTH_Open() returns 14

5 10/06/2000 14:09:25.000 SEV=7 AUTH/12 RPT=1
Authentication session opened: handle = 14

6 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/3 RPT=1

AUTH_PutAttrTable(14, 5a2aa0)

7 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/5 RPT=1
AUTH_Authenticate(14, e5187e0, 306bdc)

8 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/59 RPT=1
AUTH_BindServer(71e097c, 0, 0)

9 10/06/2000 14:09:25.000 SEV=9 AUTHDBG/69 RPT=1
Auth Server 649ab4 has been bound to ACB 71e097c, sessions = 1

10 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/65 RPT=1
AUTH_CreateTimer(71e097c, 0, 0)

11 10/06/2000 14:09:25.000 SEV=9 AUTHDBG/72 RPT=1
Reply timer created: handle = 490011

12 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/61 RPT=1
AUTH_BuildMsg(71e097c, 0, 0)

13 10/06/2000 14:09:25.000 SEV=8 AUTHDBG/51 RPT=1
Sdi_Build(71e097c)

14 10/06/2000 14:09:25.010 SEV=8 AUTHDBG/64 RPT=1
AUTH_StartTimer(71e097c, 0, 0)

15 10/06/2000 14:09:25.010 SEV=9 AUTHDBG/73 RPT=1
Reply timer started: handle = 490011, timestamp = 8553930, timeout = 4000

16 10/06/2000 14:09:25.010 SEV=8 AUTHDBG/62 RPT=1
AUTH_SndRequest(71e097c, 0, 0)

17 10/06/2000 14:09:25.010 SEV=8 AUTHDBG/52 RPT=1

Sdi_Xmt(71e097c)

18 10/06/2000 14:09:25.010 SEV=9 AUTHDBG/71 RPT=1
xmit_cnt = 1

19 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/63 RPT=1
AUTH_RcvReply(71e097c, 0, 0)

20 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/53 RPT=1
Sdi_Rcv(71e097c)

21 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/66 RPT=1
AUTH_DeleteTimer(71e097c, 0, 0)

22 10/06/2000 14:09:26.080 SEV=9 AUTHDBG/74 RPT=1
Reply timer stopped: handle = 490011, timestamp = 8554037

23 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/58 RPT=1
AUTH_Callback(71e097c, 0, 0)

24 10/06/2000 14:09:26.080 SEV=6 AUTH/4 RPT=1
Authentication successful: handle = 14, server = 172.18.124.99, user = 37297304

25 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/2 RPT=1
AUTH_Close(14)

26 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/60 RPT=1
AUTH_UnbindServer(71e097c, 0, 0)

27 10/06/2000 14:09:26.080 SEV=9 AUTHDBG/70 RPT=1

Auth Server 649ab4 has been unbound from ACB 71e097c, sessions = 0

28 10/06/2000 14:09:26.080 SEV=8 AUTHDBG/10 RPT=1
AUTH_Int_FreeAuthCB(71e097c)

29 10/06/2000 14:09:26.080 SEV=9 AUTHDBG/19 RPT=1
instance = 15, clone_instance = 0

30 10/06/2000 14:09:26.080 SEV=7 AUTH/13 RPT=1
Authentication session closed: handle = 14

Неудачные отладки

Неправильное имя пользователя или пользователь не активирован на клиенте

Отладка SDI

10/06/2000 16:30:21U junk/vpn3000
10/06/2000 12:30:21L User Not on Client zekie.cisco.com

Отладка VPN 3000

21 10/06/2000 14:20:06.310 SEV=3 AUTH/5 RPT=5
Authentication rejected: Reason = Unspecified
handle = 15, server = 172.18.124.99, user = junk

Хорошее имя пользователя, плохой код доступа

Отладка SDI

10/06/2000 16:33:07U 37297304/vpn3000 000037297304/37297304 372
10/06/2000 12:33:07L ACCESS DENIED, PASSCODE Incorrect zekie.cisco.com

Отладка VPN 3000

249 10/06/2000 14:22:52.160 SEV=3 AUTH/5 RPT=6
Authentication rejected: Reason = Unspecified
handle = 16, server = 172.18.124.99, user = 37297304

Сервер SDI недоступен или демон не действует

Отладка SDI

Не показывает ничего (не получен запрос)

Отладка VPN 3000

77 10/06/2000 14:28:55.600 SEV=4 AUTH/9 RPT=7
Authentication failed: Reason = Network error
handle = 17, server = 172.18.124.99, user = 37297304

VPN 3000, не настроенный как клиент на коробке SDI

Отладка SDI

10/06/2000 17:37:42U --/172.18.124.134 -->/
10/06/2000 13:36:42L Client Not Found zekie.cisco.com

Отладка VPN 3000

```
113 10/06/2000 15:26:27.440 SEV=3 AUTH/5 RPT=8
Authentication rejected: Reason = Unspecified
handle = 21, server = 172.18.124.99, user = 37297304
```

[Удаленный VPN 3000 Concentrator как клиент от сервера SDI, тогда повторно добавленного это](#)

Сервер SDI пытался отправить файл SECURID, чтобы заменить им старый, но у VPN 3000 уже есть такой файл.

Сообщение на SDI

```
10/06/2000 13:42:18L Node Verification Failed zekie.cisco.com
```

Отладка VPN 3000

```
21 10/06/2000 15:32:03.030 SEV=3 AUTH/5 RPT=9
Authentication rejected: Reason = Unspecified
handle = 22, server = 172.18.124.99, user = 37297304
```

Для решения проблемы удалите файл SECURID из концентратора VPN 3000:
Администрирование > Управление файлом > Файлы > SECURID > Удалить. На перетесте VPN 3000 Concentrator принимает новый файл от сервера SDI. Если флажок **Edit Client > Sent Node Secret** недоступен на SDI, это означает, что сервер SDI не смог выполнить обмен. Поскольку концентратор VPN 3000 содержит файл SECURID, флажок **Sent Node Secret** установлен/доступен.

[Дополнительные сведения](#)

- [Настройка Cisco VPN Client для работы с концентратором VPN 3000 с механизмом проверки IPSec SDI 5.0 и более поздних версий](#)
- [Страница поддержки концентратора Cisco VPN серии 3000](#)
- [Страница поддержки Cisco VPN 3000 Series Client](#)
- [Страница поддержки IPSec](#)
- [Техническая поддержка - Cisco Systems](#)