использованием расширенной локальной аутентификации

Содержание

Общие сведения

В данном документе показан пример настройки соединения с помощью расширенной локальной аутентификации между маршрутизатором и программой Cisco VPN Client. Операционная система Cisco IOS® версии 12.2(15)T2 и выше поддерживает соединения с Cisco VPN Client версии 3.x. VPN Client 3.x использует политику группы 2 Диффи-Хеллмана (DH) Команда **isakmp policy # group 2** используется для подключения клиентов версии 3.x.

Дополнительные сведения о настройке сетевых устройств, используя Cisco Secure VPN Client 1.1, см. в документе Настройка соединения между Cisco Secure VPN Client 1.1 для Windows и IOS, используя расширенную локальную аутентификацию.

Для изучения дополнительных случаев, когда аутентификация пользователя происходит с помощью протокола TACACS+, см. документ Туннелирование по IPsec-протоколу между маршрутизатором под управлением операционной системы IOS и Cisco VPN Client 4.x для Windows с примером настройки аутентификации пользователей с помощью протокола TACACS+.

Для изучения дополнительных случаев, когда аутентификация пользователя происходит с помощью протокола RADIUS, см. документ Настройка обмена данными по IPsec-протоколу между маршрутизатором под управлением операционной системы IOS и Cisco VPN Client 4.x для Windows, используя аутентификацию пользователей с помощью протокола RADIUS.

Перед началом работы

Условные обозначения

Для получения дополнительной информации о принятых в документе условных обозначениях обратитесь к документу "Технические рекомендации Cisco. Условные

обозначения".

Предварительные условия

Перед проведением настройки убедитесь, что выполняются следующие условия:

- для IP Security (IPSec) должен быть назначен пул адресов;
- пользователем на маршрутизаторе под управлением IOS слово **cisco** будет использоваться в качестве имени и **cisco** – в качестве пароля;
- группа имеет название **3000clients**, а паролем является слово **cisco123**.

Используемые компоненты

Сведения, содержащиеся в данном документе, были получены для следующих версий программного и аппаратного обеспечения:

- маршрутизатор 3640 под управлением операционной системы версии 12.2(15)T2;
- программа Cisco VPN Client для Windows версии 3.5 (может использоваться любая программа VPN Client версии 3.x).

Выходные данные команды **show version**, примененной к маршрутизатору, показаны ниже:

```
3640#show version
Cisco Internetwork Operating System Software
IOS (tm) 3600 Software (C3640-JK9O3S-M), Version 12.2(15)T2,
   RELEASE SOFTWARE (fc2)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Wed 30-Apr-03 05:42 by nmasa
Image text-base: 0x60008950, data-base: 0x6202E000

ROM: System Bootstrap, Version 11.1(20)AA2,
   EARLY DEPLOYMENT RELEASE SOFTWARE (fc1)

3640 uptime is 21 hours, 29 minutes
System returned to ROM by reload
System image file is "flash:c3640-jk9o3s-mz.122-15.T2.bin"



This product contains cryptographic features and is
subject to United States and local country laws governing
import, export, transfer and use. Delivery of Cisco cryptographic
products does not imply third-party authority to import, export,
distribute or use encryption. Importers, exporters, distributors
and users are responsible for compliance with U.S. and local
```

```
country laws. By using this product you agree to comply with
applicable laws and regulations. If you are unable to comply
with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing
Cisco cryptographic products may be found at:
http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us
by sending email to export@cisco.com.

cisco 3640 (R4700) processor (revision 0x00)
   with 126976K/4096K bytes of memory.
Processor board ID 22789386
R4700 CPU at 100Mhz, Implementation 33, Rev 1.0
Bridging software.
X.25 software, Version 3.0.0.
SuperLAT software (copyright 1990 by Meridian Technology Corp).
TN3270 Emulation software.
2 Ethernet/IEEE 802.3 interface(s)
4 Serial network interface(s)
DRAM configuration is 64 bits wide with parity disabled.
125K bytes of non-volatile configuration memory.
32768K bytes of processor board System flash (Read/Write)
16384K bytes of processor board PCMCIA Slot0 flash (Read/Write)

Configuration register is 0x102

3640#
```

Сведения, представленные в данном документе, были получены на тестовом оборудовании в специально созданных лабораторных условиях. При написании данного документа использовались только устройства с пустой (стандартной) конфигурацией. При работе в активной сети необходимо осознавать потенциальное воздействие любой команды перед ее использованием.

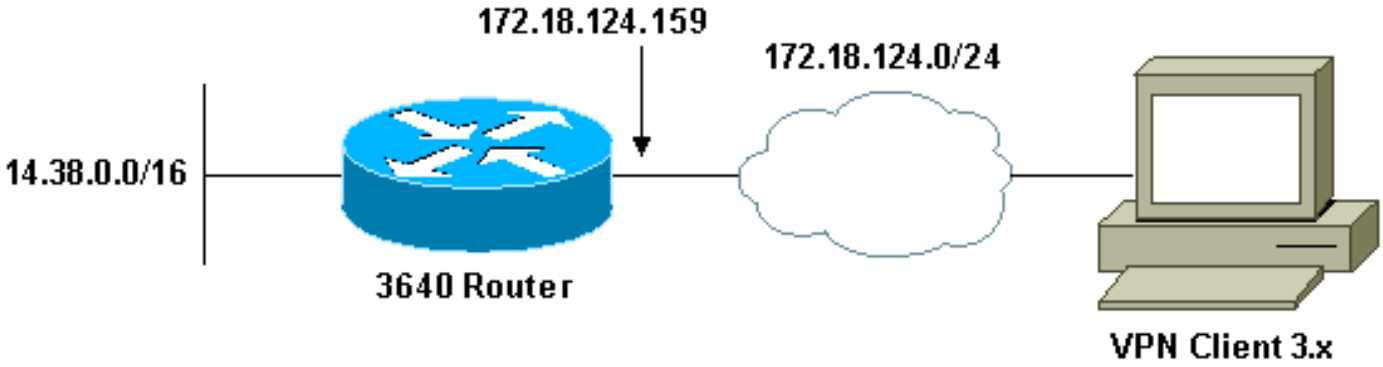
Настройка

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

Примечание. Для поиска дополнительной информации о командах из данного документа используйте средство поиска команд Command Lookup Tool (только для зарегистрированных пользователей).

Схема сети

В данном документе используется сеть, изображенная на следующей схеме.



Конфигурации

В данном документе используются следующие настройки:

- Настройка маршрутизатора 3640;
- Настройка VPN Client 3.x.

Настройка маршрутизатора 3640

маршрутизатор 3640

```
3640#show run
Building configuration...

Current configuration : 1884 bytes
!
version 12.2
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
!
hostname 3640
!
!--- ,     (AAA) !---       . aaa new-model
!
!---   X-Auth    , !---     aaa authentication.

aaa authentication login userauthen local

!---      !---     aaa authorization.

aaa authorization network groupauthor local
!
!---       IPSec !---          . username cisco password
0 cisco
!
ip subnet-zero
!
!
!
ip audit notify log
ip audit po max-events 100
!
!---   Internet Security Association and !--- Key
Management Protocol (ISAKMP)     . crypto isakmp policy 3
```

```
encr 3des
authentication pre-shape
group 2
!
!---  ,       !---   WINS-  !--- DNS-,        !---      .
crypto isakmp client configuration group 3000client
key cisco123
dns 14.1.1.10
wins 14.1.1.20
domain cisco.com
pool ippool
!
!---         . crypto ipsec transform-set myset esp-3des
esp-sha-hmac
!
!---     !---      . crypto dynamic-map dynmap 10
set transform-set myset
!
!---   !---       . crypto map clientmap client
authentication list userauthen
crypto map clientmap isakmp authorization list
groupauthor
crypto map clientmap client configuration address
respond
crypto map clientmap 10 ipsec-isakmp dynamic dynmap
!
!
fax interface-type fax-mail
mta receive maximum-recipients 0
!
!
!
!---      . interface Ethernet0/0 ip address
172.18.124.159 255.255.255.0
 half-duplex
 crypto map clientmap
!
interface Serial0/0
 no ip address
 shutdown
!
interface Ethernet0/1
 ip address 14.38.100.201 255.255.0.0
 no keepalive
 half-duplex
!
interface Serial1/0
 no ip address
 shutdown
!
interface Serial1/1
 no ip address
 shutdown
!
interface Serial1/2
 no ip address
 shutdown
!
interface Serial1/3
 no ip address
 shutdown
!
interface Serial1/4
 no ip address
```

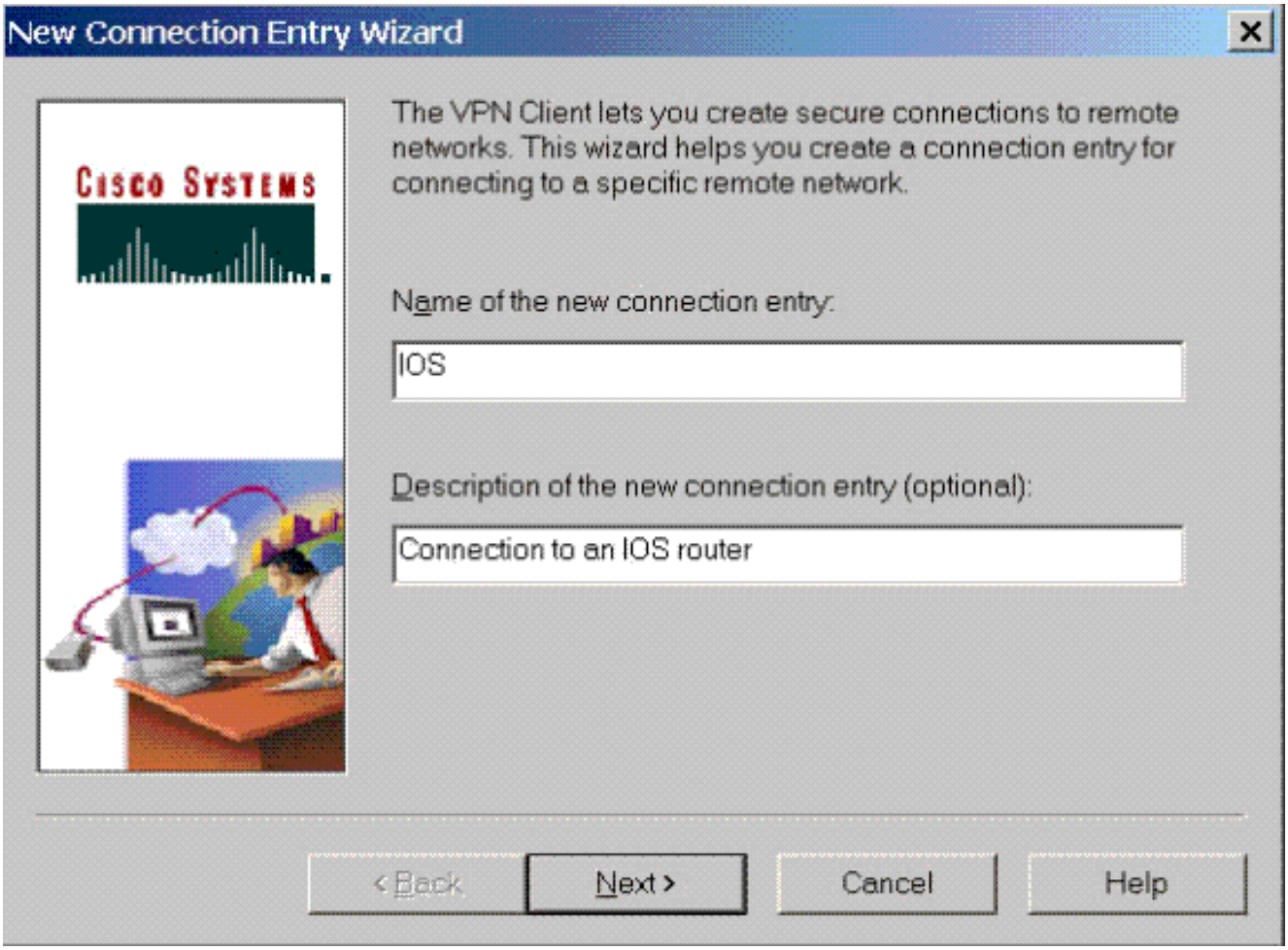
```
 shutdown
!
interface Serial1/5
 no ip address
 shutdown
!
interface Serial1/6
 no ip address
 shutdown
!
interface Serial1/7
 no ip address
 shutdown
!
!---    ,       VPN. ip local pool ippool 14.1.1.100
14.1.1.200
ip classless
ip route 0.0.0.0 0.0.0.0 172.18.124.1
ip http server
ip pim bidir-enable
!
!
!
!
call rsvp-sync
!
!
mgcp profile default
!
dial-peer cor custom
!
!
!
!
!
line con 0
 exec-timeout 0 0
line aux 0
line vty 0 4
!
!
end

3640#
```

Настройка VPN Client 3.x

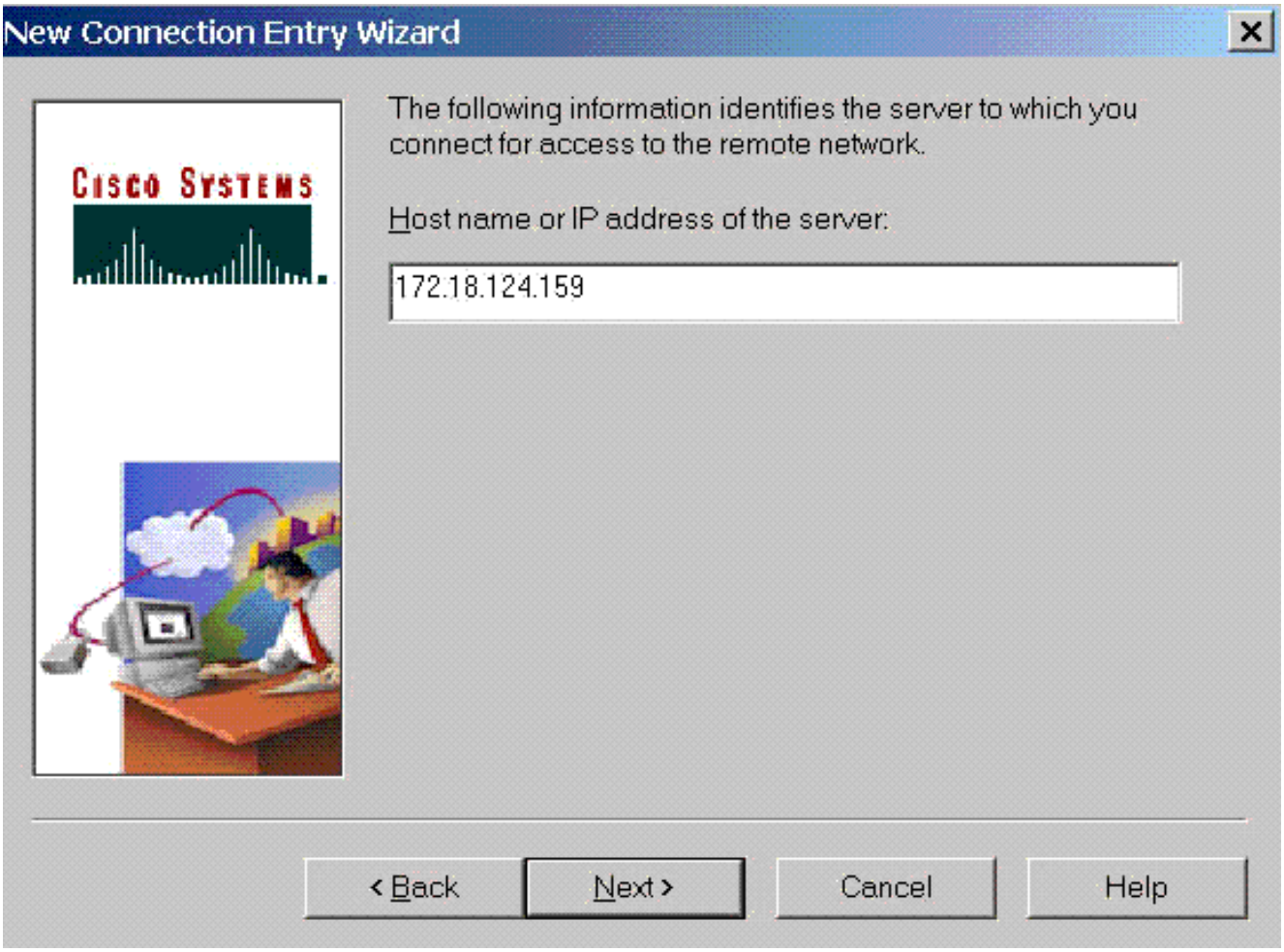
В этом разделе показано, как настроить VPN Client 3.x.

Запустите VPN Client, а затем нажмите кнопку **New (Новое)**, чтобы создать новое соединение.

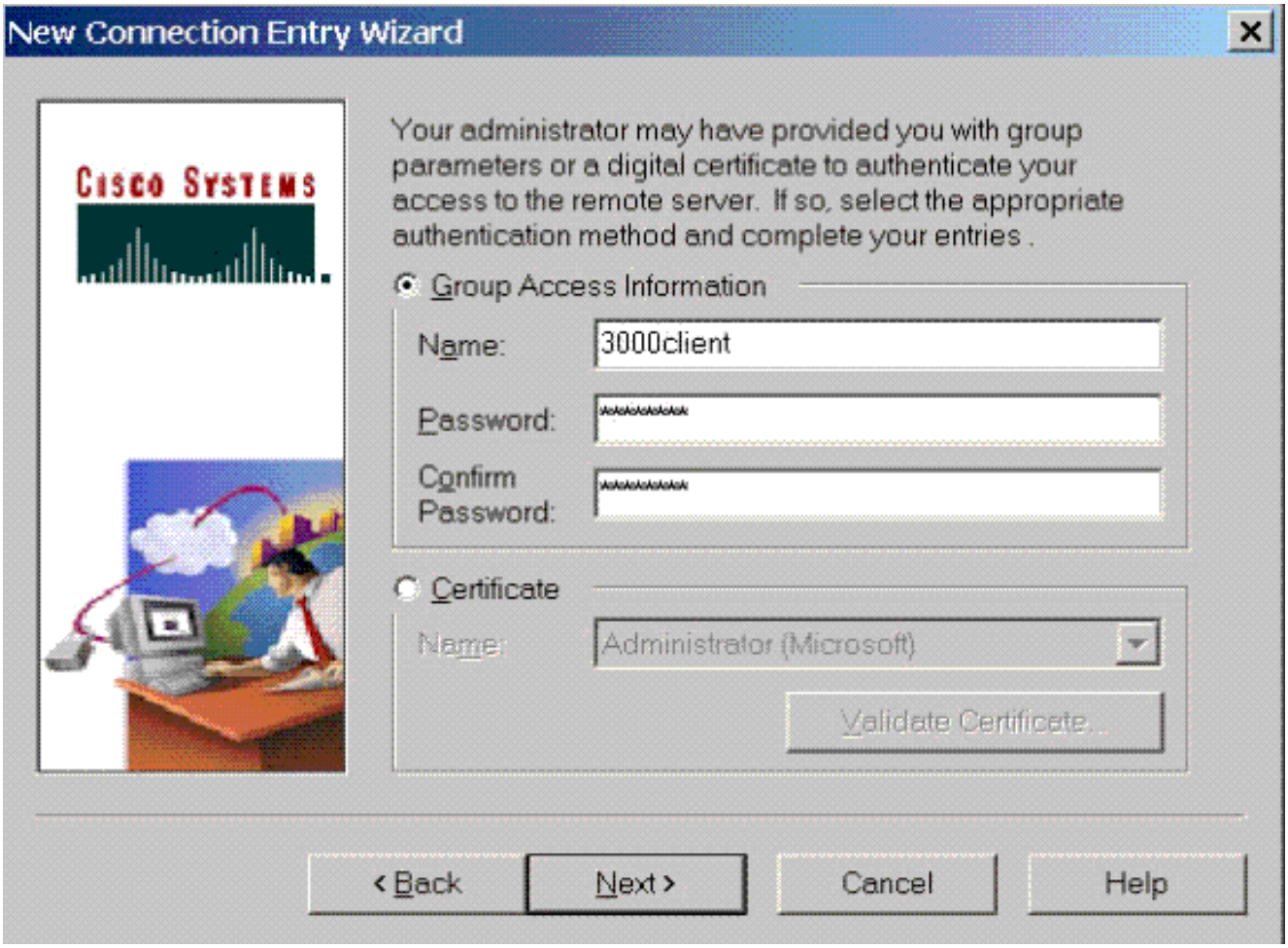
Получив соответствующий запрос, присвойте имя новому элементу. При необходимости можно также ввести описание. Закончив, нажмите кнопку **Next (Далее)**.



Введите IP-адрес общего интерфейса коммутатора. Закончив, нажмите кнопку **Next (Далее)**.



В разделе **Group Access Information (Сведения о доступе для группы)** введите имя группы и пароль. В нижеприведенном примере используется имя группы "3000client" и пароль "cisco123". Подтвердите пароль, а затем нажмите кнопку **Next (Далее)**.



Нажмите кнопку **Finish**, чтобы сохранить профиль в реестре.

Для установления соединения с маршрутизатором нажмите кнопку **Connect (Подключить)**. В окне появятся сообщения "Negotiating security profiles" (Выполняется согласование профилей безопасности) и "Your link is now secure" (Безопасность канала обеспечена).

Включение раздельного туннелирования

Для снятия блокировки раздельного туннелирования VPN-соединений проверьте наличие на маршрутизаторе настроенного списка управления доступом. В нижеследующем примере команда **access-list 108** связана с группой для раздельного туннелирования, а в сети 14.38.X.X /16 формируется туннель. Потоки трафика дешифруются в устройствах, не содержащихся в списке управления доступом 108 (например, Интернет).

```
access-list 108 permit ip 14.38.0.0 0.0.255.255
   14.1.1.0 0.0.0.255
```

Затем примените список управления доступом к свойствам группы.

```
crypto isakmp client configuration group 3000client
 key cisco123
 dns 14.38.100.10
 wins 14.38.100.20
 domain cisco.com
```

```
 pool ippool
acl 108
```

Проверка

В данном разделе содержатся сведения о проверке работы конфигурации.

Некоторые команды **show** поддерживаются утилитой Output Interpreter Tool (только для зарегистрированных пользователей), что позволяет просматривать результаты выполнения команды **show**.

```
3640#show crypto isakmp sa
dst             src             state     conn-id    slot
172.18.124.159  172.18.124.96   QM_IDLE          3       0

3640#show crypto ipsec sa
interface: Ethernet0/0
Crypto map tag: clientmap, local addr. 172.18.124.96

protected vrf:
local ident (addr/mask/prot/port): (0.0.0.0/0.0.0.0/0/0)
remote ident (addr/mask/prot/port):
   (14.1.1.106/255.255.255.255/0/0)
current_peer: 172.18.124.159:500
PERMIT, flags={}
#pkts encaps: 6, #pkts encrypt: 6, #pkts digest 6
#pkts decaps: 6, #pkts decrypt: 6, #pkts verify 6
#pkts compressed: 0, #pkts decompressed: 0
#pkts not compressed: 0, #pkts compr. failed: 0
#pkts not decompressed: 0, #pkts decompress failed: 0
#send errors 0, #recv errors 0

local crypto endpt.: 172.18.124.96,
   remote crypto endpt.: 172.18.124.159
path mtu 1500, media mtu 1500
current outbound spi: D026E0BA

inbound esp sas:
spi: 0x84E901C8(2229862856)
transform: esp-3des esp-md5-hmac ,
in use settings ={Tunnel, }
slot: 0, conn id: 2002, flow_id: 3, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4450694/3532)
IV size: 8 bytes
replay detection support: Y

inbound ah sas:

inbound pcp sas:

outbound esp sas:
spi: 0xD026E0BA(3492208826)
transform: esp-3des esp-md5-hmac ,
```

```
in use settings ={Tunnel, }
slot: 0, conn id: 2003, flow_id: 4, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4450699/3532)
IV size: 8 bytes
replay detection support: Y

outbound ah sas:

outbound pcp sas:

protected vrf:
local ident (addr/mask/prot/port):
   (172.18.124.159/255.255.255.255/0/0)
remote ident (addr/mask/prot/port):
   (14.1.1.105/255.255.255.255/0/0)
current_peer: 172.18.124.159:500
PERMIT, flags={}
#pkts encaps: 6, #pkts encrypt: 6, #pkts digest 6
#pkts decaps: 6, #pkts decrypt: 6, #pkts verify 6
#pkts compressed: 0, #pkts decompressed: 0
#pkts not compressed: 0, #pkts compr. failed: 0
#pkts not decompressed: 0, #pkts decompress failed: 0
#send errors 0, #recv errors 0

local crypto endpt.: 172.18.124.159,
   remote crypto endpt.: 172.18.124.96
path mtu 1500, media mtu 1500
current outbound spi: E8E398F8

inbound esp sas:
spi: 0xDFE24DFC(3756150268)
transform: esp-3des esp-md5-hmac ,
in use settings ={Tunnel, }
slot: 0, conn id: 2000, flow_id: 1, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4572253/3530)
IV size: 8 bytes
replay detection support: Y

inbound ah sas:

inbound pcp sas:

outbound esp sas:
spi: 0xE8E398F8(3907229944)
transform: esp-3des esp-md5-hmac ,
in use settings ={Tunnel, }
slot: 0, conn id: 2001, flow_id: 2, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4572253/3528)
IV size: 8 bytes
replay detection support: Y

outbound ah sas:
```

```
outbound pcp sas:

3640#show crypto engine connections active

  ID Interface    IP-Address      State  Algorithm           Encrypt Decrypt
   3 Ethernet0/0  172.18.124.159  set    HMAC_MD5+3DES_56_C       0       0
2000 Ethernet0/0  172.18.124.159  set    HMAC_MD5+3DES_56_C       0       6
2001 Ethernet0/0  172.18.124.159  set    HMAC_MD5+3DES_56_C       6       0
2004 Ethernet0/0  172.18.124.159  set    HMAC_MD5+3DES_56_C       0       6
2005 Ethernet0/0  172.18.124.159  set    HMAC_MD5+3DES_56_C       6       0
```

Поиск и устранение неисправностей

В данном разделе описывается процесс поиска и устранения неисправностей конфигурации.

```
3640#debug crypto ipsec
Crypto IPSEC debugging is on
3640#debug crypto isakmp
Crypto ISAKMP debugging is on
3640#

ISAKMP (0:0): received packet from 172.18.124.96
   dport 500 sport 500 Global (N) NEW SA
ISAKMP: Found a peer struct for 172.18.124.96, peer port 500
ISAKMP: Locking peer struct 0x63B2EAE4, IKE refcount 1 for
   crypto_ikmp_config_initialize_sa
ISAKMP (0:0): (Re)Setting client xauth list and state
ISAKMP: local port 500, remote port 500
ISAKMP: insert sa successfully sa = 63972310
ISAKMP (0:1): processing SA payload. message ID = 0
ISAKMP (0:1): processing ID payload. message ID = 0
ISAKMP (0:1): peer matches *none* of the profiles
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 215 mismatch
ISAKMP (0:1): vendor ID is XAUTH
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID is DPD
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 123 mismatch
ISAKMP (0:1): vendor ID is NAT-T v2
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 194 mismatch
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID is Unity
ISAKMP (0:1) Authentication by xauth preshared
ISAKMP (0:1): Checking ISAKMP transform 1 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
```

```
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 2 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 3 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 4 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryh of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 7 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128ption algorithm offered does not
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 8 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
```

```
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 9 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash SHA match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 5 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 6 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylengt
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 10 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 11 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 12 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
```

```
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 13 against priority 1 policy
ISAKMP: encryption DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable. Next payload is 3
ISAKMP (0:1): processing KE payload. message ID = 0
ISAKMP (0:1): processing NONCE payload. message ID = 0
ISAKMP (0:1): vendor ID is NAT-T v2
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
ISAKMP (0:1): Old State = IKE_READY New State = IKE_R_AM_AAA_AWAIT
ISAKMP: got callback 1
ISAKMP (0:1): SKEYID state generated
ISAKMP (0:1): constructed NAT-T vendor-02 ID
ISAKMP (0:1): SA is doing pre-shared key authentication
   plus XAUTH using id type ID_IPV4_ADDR
ISAKMP (1): ID payload
next-payload : 10
type : 1
addr : 172.18.124.159
protocol : 17
port : 0
length : 8
ISAKMP (1): Total payload length: 12
ISAKMP (0:1): constructed HIS NAT-D
ISAKMP (0:1): constructed MINE NAT-D
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) AG_INIT_EXCH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, PRESHARED_KEY_REPLY
ISAKMP (0:1): Old State = IKE_R_AM_AAA_AWAIT New State = IKE_R_AM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) AG_INIT_EXCH
ISAKMP (0:1): processing HASH payload. message ID = 0
ISAKMP (0:1): processing NOTIFY INITIAL_CONTACT protocol 1
spi 0, message ID = 0, sa = 63972310
ISAKMP (0:1): Process initial contact,
bring down existing phase 1 and 2 SA's with local 172.18.124.159
   remote 172.18.124.96 remote port 500
ISAKMP (0:1): returning IP addr to the address pool: 14.1.1.105
ISAKMP (0:1): returning address 14.1.1.105 to pool
ISAKMP:received payload type 17
ISAKMP (0:1): Detected NAT-D payload
ISAKMP (0:1): recalc my hash for NAT-D
ISAKMP (0:1): NAT match MINE hash
ISAKMP:received payload type 17
ISAKMP (0:1): Detected NAT-D payload
ISAKMP (0:1): recalc his hash for NAT-D
ISAKMP (0:1): NAT match HIS hash
```

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ISAKMP (0:1): SA has been authenticated with 172.18.124.96
ISAKMP: set new node 1397605141 to CONF_XAUTH
ISAKMP (0:1): sending packet to 172.18.124.96
   my_port 500 peer_port 500 (R) QM_IDLE
ISAKMP (0:1): purging node 1397605141
ISAKMP: Sending phase 1 responder lifetime 86400
ISAKMP (0:1): peer matches *none* of the profiles
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
ISAKMP (0:1): Old State = IKE_R_AM2 New State = IKE_P1_COMPLETE
IPSEC(key_engine): got a queue event...
ISAKMP (0:1): Need XAUTH
ISAKMP (0:1): Input = IKE_MESG_INTERNAL, IKE_PHASE1_COMPLETE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_XAUTH_AAA_START_LOGIN_AWAIT
ISAKMP: got callback 1
ISAKMP: set new node 1446280258 to CONF_XAUTH
ISAKMP/xauth: request attribute XAUTH_USER_NAME_V2
ISAKMP/xauth: request attribute XAUTH_USER_PASSWORD_V2
ISAKMP (0:1): initiating peer config to 172.18.124.96. ID = 1446280258
ISAKMP (0:1): sending packet to 172.18.124.96
   my_port 500 peer_port 500 (R) CONF_XAUTH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_START_LOGIN
ISAKMP (0:1): Old State = IKE_XAUTH_AAA_START_LOGIN_AWAIT
   New State = IKE_XAUTH_REQ_SENT
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) CONF_XAUTH
ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 1446280258
ISAKMP: Config payload REPLY
ISAKMP/xauth: reply attribute XAUTH_USER_NAME_V2
ISAKMP/xauth: reply attribute XAUTH_USER_PASSWORD_V2
ISAKMP (0:1): deleting node 1446280258 error FALSE
   reason "done with xauth request/reply exchange"
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_REPLY
ISAKMP (0:1): Old State = IKE_XAUTH_REQ_SENT
   New State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT
ISAKMP: got callback 1
ISAKMP: set new node 117774567 to CONF_XAUTH
ISAKMP (0:1): initiating peer config to 172.18.124.96.
   ID = 117774567
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) CONF_XAUTH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_CONT_LOGIN
ISAKMP (0:1): Old State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT
   New State = IKE_XAUTH_SET_SENT
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) CONF_XAUTH
ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 117774567
ISAKMP: Config payload ACK
ISAKMP (0:1): XAUTH ACK Processed
ISAKMP (0:1): deleting node 117774567 error FALSE
   reason "done with transaction"
```

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ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_ACK
ISAKMP (0:1): Old State = IKE_XAUTH_SET_SENT
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): Input = IKE_MESG_INTERNAL, IKE_PHASE1_COMPLETE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node 188739171 to QM_IDLE
ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 188739171
ISAKMP: Config payload REQUEST
ISAKMP (0:1): checking request:
ISAKMP: IP4_ADDRESS
ISAKMP: IP4_NETMASK
ISAKMP: IP4_DNS
ISAKMP: IP4_NBNS
ISAKMP: ADDRESS_EXPIRY
ISAKMP: APPLICATION_VERSION
ISAKMP: UNKNOWN Unknown Attr: 0x7000
ISAKMP: UNKNOWN Unknown Attr: 0x7001
ISAKMP: DEFAULT_DOMAIN
ISAKMP: SPLIT_INCLUDE
ISAKMP: UNKNOWN Unknown Attr: 0x7003
ISAKMP: UNKNOWN Unknown Attr: 0x7007
ISAKMP: UNKNOWN Unknown Attr: 0x7008
ISAKMP: UNKNOWN Unknown Attr: 0x7009
ISAKMP: UNKNOWN Unknown Attr: 0x700A
ISAKMP: UNKNOWN Unknown Attr: 0x7005
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_REQUEST
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_CONFIG_AUTHOR_AAA_AWAIT
ISAKMP: got callback 1
ISAKMP (0:1): attributes sent in message:
Address: 0.2.0.0
ISAKMP (0:1): allocating address 14.1.1.106
ISAKMP: Sending private address: 14.1.1.106
ISAKMP: Sending IP4_DNS server address: 14.1.1.10
ISAKMP: Sending IP4_NBNS server address: 14.1.1.20
ISAKMP: Sending ADDRESS_EXPIRY seconds left to
   use the address: 86396
ISAKMP: Sending APPLICATION_VERSION string: Cisco
   Internetwork Operating System Software
IOS (tm) 3600 Software (C3640-JK9O3S-M), Version 12.2(15)T2,
   RELEASE SOFTWARE (fc2)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Wed 30-Apr-03 05:42 by nmasa
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7000)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7001)
ISAKMP: Sending DEFAULT_DOMAIN default domain name: cisco.com
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7003)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7007)
```

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ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7008)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7009)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x700A)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7005)
ISAKMP (0:1): responding to peer config from 172.18.124.96.
   ID = 188739171
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) CONF_ADDR
ISAKMP (0:1): deleting node 188739171 error FALSE reason ""
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_GROUP_ATTR
ISAKMP (0:1): Old State = IKE_CONFIG_AUTHOR_AAA_AWAIT
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node -1836135476 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = -1836135476
ISAKMP (0:1): processing SA payload. message ID = -1836135476
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 2
```

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ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
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remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 5
ISAKMP: transform 1, ESP_AES
```

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ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-md5-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 6
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 7
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
```

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protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 8
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-sha-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 9
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 9
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
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local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-3des esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 10
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 10
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-3des esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 11
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
```

```
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
ISAKMP (0:1): processing NONCE payload. message ID = -1836135476
ISAKMP (0:1): processing ID payload. message ID = -1836135476
ISAKMP (0:1): processing ID payload. message ID = -1836135476
ISAKMP (0:1): asking for 1 spis from ipsec
ISAKMP (0:1): Node -1836135476, Input = IKE_MESG_FROM_PEER,
   IKE_QM_EXCH
ISAKMP (0:1): Old State = IKE_QM_READY
   New State = IKE_QM_SPI_STARVE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node -1171731793 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = -1171731793
ISAKMP (0:1): processing SA payload. message ID = -1171731793
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
```

```
{esp-aes 256 esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
```

```
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-sha-hmac comp-lzs }
```

```
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 5
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): processing ID payload. message ID = -1171731793
ISAKMP (0:1): processing ID payload. message ID = -1171731793
ISAKMP (0:1): asking for 1 spis from ipsec
ISAKMP (0:1): Node -1171731793, Input = IKE_MESG_FROM_PEER,
   IKE_QM_EXCH
ISAKMP (0:1): Old State = IKE_QM_READY
   New State = IKE_QM_SPI_STARVE
IPSEC(key_engine): got a queue event...
IPSEC(spi_response): getting spi 3756150268 for SA
from 172.18.124.159 to 172.18.124.96 for prot 3
IPSEC(key_engine): got a queue event...
IPSEC(spi_response): getting spi 2229862856 for SA
from 172.18.124.159 to 172.18.124.96 for prot 3
ISAKMP: received ke message (2/1)
ISAKMP: received ke message (2/1)
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) QM_IDLE
ISAKMP (0:1): Node -1836135476, Input = IKE_MESG_FROM_IPSEC,
   IKE_SPI_REPLY
ISAKMP (0:1): Old State = IKE_QM_SPI_STARVE
   New State = IKE_QM_R_QM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: Locking peer struct 0x63B2EAE4,
   IPSEC refcount 1 for for stuff_ke
ISAKMP (0:1): Creating IPSec SAs
inbound SA from 172.18.124.96 to 172.18.124.159 (f/i) 0/ 0
(proxy 14.1.1.106 to 172.18.124.159)
has spi 0xDFE24DFC and conn_id 2000 and flags 2
lifetime of 2147483 seconds
has client flags 0x0
ISAKMP (0:1): Old State = IKE_QM_SPI_STARVE
   New State = IKE_QM_R_QM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: Locking peer struct 0x63B2EAE4,
   IPSEC refcount 2 for for stuff_ke
ISAKMP (0:1): Creating IPSec SAs
inbound SA from 172.18.124.96 to 172.18.124.159 (f/i) 0/ 0
(proxy 14.1.1.106 to 0.0.0.0)
has spi 0x84E901C8 and conn_id 2002 and flags 2
lifetime of 2147483 seconds
has client flags 0x0
outbound SA from 172.18.124.159 to 172.18.124.96 (f/i) 0/ 0
```

```
   (proxy 0.0.0.0 to 14.1.1.106 )
has spi -802758470 and conn_id 2003 and flags A
IPSEC(add mtree): src 0.0.0.0, dest 14.1.1.106, dest_port 0
IPSEC(create_sa): sa created,
(sa) sa_dest= 172.18.124.159, sa_prot= 50,
sa_spi= 0x84E901C8(2229862856),
sa_trans= esp-3des esp-md5-hmac , sa_conn_id= 2002
IPSEC(create_sa): sa created,
(sa) sa_dest= 172.18.124.96, sa_prot= 50,
sa_spi= 0xD026E0BA(3492208826),
sa_trans= esp-3des esp-md5-hmac , sa_conn_id= 2003
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node 839140381 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = 839140381
ISAKMP (0:1): processing NOTIFY R_U_THERE protocol 1
spi 0, message ID = 839140381, sa = 63972310
ISAKMP (0:1): deleting node 839140381 error FALSE
   reason "informational (in) state 1"
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_INFO_NOTIFY
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): DPD/R_U_THERE received from peer 172.18.124.96,
   sequence 0xA5A4632A
ISAKMP: set new node 760238809 to QM_IDLE
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) QM_IDLE
ISAKMP (0:1): purging node 760238809
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER,
   IKE_MESG_KEEP_ALIVE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): purging node 188739171
ISAKMP (0:1): purging node -1836135476
ISAKMP (0:1): purging node -1171731793
3640#
```

Журналы клиента

Для просмотра журналов запустите LogViewer в клиенте VPN и убедитесь, что для всех настроенных классов установлен уровень фильтра High (высокий). Ниже приведен пример содержимого журнала.

```
3640#debug crypto ipsec
Crypto IPSEC debugging is on
3640#debug crypto isakmp
Crypto ISAKMP debugging is on
3640#

ISAKMP (0:0): received packet from 172.18.124.96
   dport 500 sport 500 Global (N) NEW SA
ISAKMP: Found a peer struct for 172.18.124.96, peer port 500
ISAKMP: Locking peer struct 0x63B2EAE4, IKE refcount 1 for
```

```
   crypto_ikmp_config_initialize_sa
ISAKMP (0:0): (Re)Setting client xauth list and state
ISAKMP: local port 500, remote port 500
ISAKMP: insert sa successfully sa = 63972310
ISAKMP (0:1): processing SA payload. message ID = 0
ISAKMP (0:1): processing ID payload. message ID = 0
ISAKMP (0:1): peer matches *none* of the profiles
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 215 mismatch
ISAKMP (0:1): vendor ID is XAUTH
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID is DPD
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 123 mismatch
ISAKMP (0:1): vendor ID is NAT-T v2
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID seems Unity/DPD but major 194 mismatch
ISAKMP (0:1): processing vendor id payload
ISAKMP (0:1): vendor ID is Unity
ISAKMP (0:1) Authentication by xauth preshared
ISAKMP (0:1): Checking ISAKMP transform 1 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 2 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 3 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 4 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
```

```
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 256
ISAKMP (0:1): Encryh of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 7 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128ption algorithm offered does not
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 8 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 9 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash SHA match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 5 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylength of 128
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 6 against priority 1 policy
ISAKMP: encryption AES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP: keylengt
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
```

```
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 10 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 11 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash SHA
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 12 against priority 1 policy
ISAKMP: encryption 3DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth pre-share
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): Encryption algorithm offered does not match policy!
ISAKMP (0:1): atts are not acceptable. Next payload is 3
ISAKMP (0:1): Checking ISAKMP transform 13 against priority 1 policy
ISAKMP: encryption DES-CBC
ISAKMP: hash MD5
ISAKMP: default group 2
ISAKMP: auth XAUTHInitPreShared
ISAKMP: life type in seconds
ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable. Next payload is 3
ISAKMP (0:1): processing KE payload. message ID = 0
ISAKMP (0:1): processing NONCE payload. message ID = 0
ISAKMP (0:1): vendor ID is NAT-T v2
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
ISAKMP (0:1): Old State = IKE_READY New State = IKE_R_AM_AAA_AWAIT
ISAKMP: got callback 1
ISAKMP (0:1): SKEYID state generated
ISAKMP (0:1): constructed NAT-T vendor-02 ID
ISAKMP (0:1): SA is doing pre-shared key authentication
   plus XAUTH using id type ID_IPV4_ADDR
ISAKMP (1): ID payload
next-payload : 10
type : 1
addr : 172.18.124.159
protocol : 17
```

```
port : 0
length : 8
ISAKMP (1): Total payload length: 12
ISAKMP (0:1): constructed HIS NAT-D
ISAKMP (0:1): constructed MINE NAT-D
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) AG_INIT_EXCH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, PRESHARED_KEY_REPLY
ISAKMP (0:1): Old State = IKE_R_AM_AAA_AWAIT New State = IKE_R_AM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) AG_INIT_EXCH
ISAKMP (0:1): processing HASH payload. message ID = 0
ISAKMP (0:1): processing NOTIFY INITIAL_CONTACT protocol 1
spi 0, message ID = 0, sa = 63972310
ISAKMP (0:1): Process initial contact,
bring down existing phase 1 and 2 SA's with local 172.18.124.159
   remote 172.18.124.96 remote port 500
ISAKMP (0:1): returning IP addr to the address pool: 14.1.1.105
ISAKMP (0:1): returning address 14.1.1.105 to pool
ISAKMP:received payload type 17
ISAKMP (0:1): Detected NAT-D payload
ISAKMP (0:1): recalc my hash for NAT-D
ISAKMP (0:1): NAT match MINE hash
ISAKMP:received payload type 17
ISAKMP (0:1): Detected NAT-D payload
ISAKMP (0:1): recalc his hash for NAT-D
ISAKMP (0:1): NAT match HIS hash
ISAKMP (0:1): SA has been authenticated with 172.18.124.96
ISAKMP: set new node 1397605141 to CONF_XAUTH
ISAKMP (0:1): sending packet to 172.18.124.96
   my_port 500 peer_port 500 (R) QM_IDLE
ISAKMP (0:1): purging node 1397605141
ISAKMP: Sending phase 1 responder lifetime 86400
ISAKMP (0:1): peer matches *none* of the profiles
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
ISAKMP (0:1): Old State = IKE_R_AM2 New State = IKE_P1_COMPLETE
IPSEC(key_engine): got a queue event...
ISAKMP (0:1): Need XAUTH
ISAKMP (0:1): Input = IKE_MESG_INTERNAL, IKE_PHASE1_COMPLETE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_XAUTH_AAA_START_LOGIN_AWAIT
ISAKMP: got callback 1
ISAKMP: set new node 1446280258 to CONF_XAUTH
ISAKMP/xauth: request attribute XAUTH_USER_NAME_V2
ISAKMP/xauth: request attribute XAUTH_USER_PASSWORD_V2
ISAKMP (0:1): initiating peer config to 172.18.124.96. ID = 1446280258
ISAKMP (0:1): sending packet to 172.18.124.96
   my_port 500 peer_port 500 (R) CONF_XAUTH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_START_LOGIN
ISAKMP (0:1): Old State = IKE_XAUTH_AAA_START_LOGIN_AWAIT
   New State = IKE_XAUTH_REQ_SENT
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) CONF_XAUTH
```

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ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 1446280258
ISAKMP: Config payload REPLY
ISAKMP/xauth: reply attribute XAUTH_USER_NAME_V2
ISAKMP/xauth: reply attribute XAUTH_USER_PASSWORD_V2
ISAKMP (0:1): deleting node 1446280258 error FALSE
   reason "done with xauth request/reply exchange"
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_REPLY
ISAKMP (0:1): Old State = IKE_XAUTH_REQ_SENT
   New State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT
ISAKMP: got callback 1
ISAKMP: set new node 117774567 to CONF_XAUTH
ISAKMP (0:1): initiating peer config to 172.18.124.96.
   ID = 117774567
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) CONF_XAUTH
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_CONT_LOGIN
ISAKMP (0:1): Old State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT
   New State = IKE_XAUTH_SET_SENT
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) CONF_XAUTH
ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 117774567
ISAKMP: Config payload ACK
ISAKMP (0:1): XAUTH ACK Processed
ISAKMP (0:1): deleting node 117774567 error FALSE
   reason "done with transaction"
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_ACK
ISAKMP (0:1): Old State = IKE_XAUTH_SET_SENT
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): Input = IKE_MESG_INTERNAL, IKE_PHASE1_COMPLETE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node 188739171 to QM_IDLE
ISAKMP (0:1): processing transaction payload from 172.18.124.96.
   message ID = 188739171
ISAKMP: Config payload REQUEST
ISAKMP (0:1): checking request:
ISAKMP: IP4_ADDRESS
ISAKMP: IP4_NETMASK
ISAKMP: IP4_DNS
ISAKMP: IP4_NBNS
ISAKMP: ADDRESS_EXPIRY
ISAKMP: APPLICATION_VERSION
ISAKMP: UNKNOWN Unknown Attr: 0x7000
ISAKMP: UNKNOWN Unknown Attr: 0x7001
ISAKMP: DEFAULT_DOMAIN
ISAKMP: SPLIT_INCLUDE
ISAKMP: UNKNOWN Unknown Attr: 0x7003
ISAKMP: UNKNOWN Unknown Attr: 0x7007
ISAKMP: UNKNOWN Unknown Attr: 0x7008
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ISAKMP: UNKNOWN Unknown Attr: 0x7009
ISAKMP: UNKNOWN Unknown Attr: 0x700A
ISAKMP: UNKNOWN Unknown Attr: 0x7005
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_CFG_REQUEST
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_CONFIG_AUTHOR_AAA_AWAIT
ISAKMP: got callback 1
ISAKMP (0:1): attributes sent in message:
Address: 0.2.0.0
ISAKMP (0:1): allocating address 14.1.1.106
ISAKMP: Sending private address: 14.1.1.106
ISAKMP: Sending IP4_DNS server address: 14.1.1.10
ISAKMP: Sending IP4_NBNS server address: 14.1.1.20
ISAKMP: Sending ADDRESS_EXPIRY seconds left to
   use the address: 86396
ISAKMP: Sending APPLICATION_VERSION string: Cisco
   Internetwork Operating System Software
IOS (tm) 3600 Software (C3640-JK9O3S-M), Version 12.2(15)T2,
   RELEASE SOFTWARE (fc2)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Wed 30-Apr-03 05:42 by nmasa
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7000)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7001)
ISAKMP: Sending DEFAULT_DOMAIN default domain name: cisco.com
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7003)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7007)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7008)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7009)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x700A)
ISAKMP (0/1): Unknown Attr: UNKNOWN (0x7005)
ISAKMP (0:1): responding to peer config from 172.18.124.96.
   ID = 188739171
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) CONF_ADDR
ISAKMP (0:1): deleting node 188739171 error FALSE reason ""
ISAKMP (0:1): Input = IKE_MESG_FROM_AAA, IKE_AAA_GROUP_ATTR
ISAKMP (0:1): Old State = IKE_CONFIG_AUTHOR_AAA_AWAIT
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node -1836135476 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = -1836135476
ISAKMP (0:1): processing SA payload. message ID = -1836135476
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
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ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
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protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 4
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ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 5
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-md5-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 6
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
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ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 7
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 8
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
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   not supported for identity:
{esp-aes esp-sha-hmac }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 9
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 9
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-3des esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 10
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 10
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
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(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-3des esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 11
ISAKMP: transform 1, ESP_3DES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 172.18.124.159/255.255.255.255/0/0 (type=1),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
ISAKMP (0:1): processing NONCE payload. message ID = -1836135476
ISAKMP (0:1): processing ID payload. message ID = -1836135476
ISAKMP (0:1): processing ID payload. message ID = -1836135476
ISAKMP (0:1): asking for 1 spis from ipsec
ISAKMP (0:1): Node -1836135476, Input = IKE_MESG_FROM_PEER,
   IKE_QM_EXCH
ISAKMP (0:1): Old State = IKE_QM_READY
   New State = IKE_QM_SPI_STARVE
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node -1171731793 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = -1171731793
ISAKMP (0:1): processing SA payload. message ID = -1171731793
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
```

```
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 1
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 2
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
```

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(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes 256 esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 3
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-md5-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-SHA
ISAKMP: encaps is 1
ISAKMP: key length is 128
ISAKMP: SA life type in seconds
```

```
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
ISAKMP (0:1): Checking IPSec proposal 4
ISAKMP (0:1): transform 1, IPPCP LZS
ISAKMP: attributes in transform:
ISAKMP: encaps is 1
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): atts are acceptable.
IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x2
IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.18.124.159, remote= 172.18.124.96,
local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
remote_proxy= 14.1.1.106/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x2
IPSEC(kei_proxy): head = clientmap, map->ivrf = , kei->ivrf =
IPSEC(validate_transform_proposal): transform proposal
   not supported for identity:
{esp-aes esp-sha-hmac comp-lzs }
ISAKMP (0:1): IPSec policy invalidated proposal
ISAKMP (0:1): Checking IPSec proposal 5
ISAKMP: transform 1, ESP_AES
ISAKMP: attributes in transform:
ISAKMP: authenticator is HMAC-MD5
ISAKMP: encaps is 1
ISAKMP: key length is 256
ISAKMP: SA life type in seconds
ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
ISAKMP (0:1): processing ID payload. message ID = -1171731793
ISAKMP (0:1): processing ID payload. message ID = -1171731793
ISAKMP (0:1): asking for 1 spis from ipsec
ISAKMP (0:1): Node -1171731793, Input = IKE_MESG_FROM_PEER,
   IKE_QM_EXCH
ISAKMP (0:1): Old State = IKE_QM_READY
   New State = IKE_QM_SPI_STARVE
IPSEC(key_engine): got a queue event...
IPSEC(spi_response): getting spi 3756150268 for SA
from 172.18.124.159 to 172.18.124.96 for prot 3
IPSEC(key_engine): got a queue event...
IPSEC(spi_response): getting spi 2229862856 for SA
from 172.18.124.159 to 172.18.124.96 for prot 3
ISAKMP: received ke message (2/1)
ISAKMP: received ke message (2/1)
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
   peer_port 500 (R) QM_IDLE
```

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ISAKMP (0:1): Node -1836135476, Input = IKE_MESG_FROM_IPSEC,
   IKE_SPI_REPLY
ISAKMP (0:1): Old State = IKE_QM_SPI_STARVE
   New State = IKE_QM_R_QM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: Locking peer struct 0x63B2EAE4,
   IPSEC refcount 1 for for stuff_ke
ISAKMP (0:1): Creating IPSec SAs
inbound SA from 172.18.124.96 to 172.18.124.159 (f/i) 0/ 0
(proxy 14.1.1.106 to 172.18.124.159)
has spi 0xDFE24DFC and conn_id 2000 and flags 2
lifetime of 2147483 seconds
has client flags 0x0
ISAKMP (0:1): Old State = IKE_QM_SPI_STARVE
   New State = IKE_QM_R_QM2
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: Locking peer struct 0x63B2EAE4,
   IPSEC refcount 2 for for stuff_ke
ISAKMP (0:1): Creating IPSec SAs
inbound SA from 172.18.124.96 to 172.18.124.159 (f/i) 0/ 0
(proxy 14.1.1.106 to 0.0.0.0)
has spi 0x84E901C8 and conn_id 2002 and flags 2
lifetime of 2147483 seconds
has client flags 0x0
outbound SA from 172.18.124.159 to 172.18.124.96 (f/i) 0/ 0
   (proxy 0.0.0.0 to 14.1.1.106 )
has spi -802758470 and conn_id 2003 and flags A
IPSEC(add mtree): src 0.0.0.0, dest 14.1.1.106, dest_port 0
IPSEC(create_sa): sa created,
(sa) sa_dest= 172.18.124.159, sa_prot= 50,
sa_spi= 0x84E901C8(2229862856),
sa_trans= esp-3des esp-md5-hmac , sa_conn_id= 2002
IPSEC(create_sa): sa created,
(sa) sa_dest= 172.18.124.96, sa_prot= 50,
sa_spi= 0xD026E0BA(3492208826),
sa_trans= esp-3des esp-md5-hmac , sa_conn_id= 2003
ISAKMP (0:1): received packet from 172.18.124.96 dport 500
   sport 500 Global (R) QM_IDLE
ISAKMP: set new node 839140381 to QM_IDLE
ISAKMP (0:1): processing HASH payload. message ID = 839140381
ISAKMP (0:1): processing NOTIFY R_U_THERE protocol 1
spi 0, message ID = 839140381, sa = 63972310
ISAKMP (0:1): deleting node 839140381 error FALSE
   reason "informational (in) state 1"
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER, IKE_INFO_NOTIFY
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): DPD/R_U_THERE received from peer 172.18.124.96,
   sequence 0xA5A4632A
ISAKMP: set new node 760238809 to QM_IDLE
ISAKMP (0:1): sending packet to 172.18.124.96 my_port 500
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```
   peer_port 500 (R) QM_IDLE
ISAKMP (0:1): purging node 760238809
ISAKMP (0:1): Input = IKE_MESG_FROM_PEER,
   IKE_MESG_KEEP_ALIVE
ISAKMP (0:1): Old State = IKE_P1_COMPLETE
   New State = IKE_P1_COMPLETE
ISAKMP (0:1): purging node 188739171
ISAKMP (0:1): purging node -1836135476
ISAKMP (0:1): purging node -1171731793
3640#
```

Дополнительные сведения

- Страницы поддержки концентратора Cisco VPN 3000
- Страницы поддержки Cisco VPN 3000 Client
- Страницы поддержки продуктов с IP Security (IPSec)
- Техническая поддержка и документация - Cisco Systems