

Router Cisco IOS - Configuración de EzVPN con NEM

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[Introducción](#)

Este documento proporciona una configuración de ejemplo para IPsec entre un router Cisco 871 y un router Cisco 7200VXR mediante Easy VPN (EzVPN). El router 7200 actúa como Easy VPN Server y el router 871 actúa como Easy VPN Remote. En este ejemplo, las interfaces de loopback se utilizan en ambos routers como redes privadas. Estas se pueden sustituir por otras interfaces como FastEthernet o interfaces seriales si es necesario.

Para configurar IPsec entre un PIX/ASA 7.x y un Cisco 871 Router usando Easy VPN, refiérase a [PIX/ASA 7.x Easy VPN con un ASA 5500 como Servidor y Cisco 871 como Ejemplo de Configuración Easy VPN Remote](#).

Para configurar IPsec entre el Cisco IOS® Easy VPN Remote Hardware Client y el PIX Easy VPN Server, consulte [Ejemplo de Configuración de IOS Easy VPN Remote Hardware Client a un PIX Easy VPN Server](#).

Para configurar un router Cisco IOS como EzVPN en el [Modo de Extensión de Red \(NEM\)](#) que se conecta a un Concentrador Cisco VPN 3000, consulte [Configuración del Cisco EzVPN Client en Cisco IOS con el Concentrador VPN 3000](#).

[Prerequisites](#)

Requirements

Asegúrese de tener una comprensión básica de los sistemas operativos IPsec y Cisco 7200/871 antes de intentar esta configuración.

Componentes Utilizados

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

- Cisco Easy VPN Server es un router 7200 (VXR) que ejecuta Cisco IOS® Software Release 12.4(4)T1
- Cisco Easy VPN Remote es un router 871W que ejecuta Cisco IOS Software Release 12.4(2)T1

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Convenciones

Consulte [Convenciones de Consejos Técnicos Cisco para obtener más información sobre las convenciones del documento.](#)

Configurar

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

Nota: Use la [Command Lookup Tool](#) (sólo [clientes registrados](#)) para obtener más información sobre los comandos utilizados en este documento.

Diagrama de la red

En este documento, se utiliza esta configuración de red:



Nota: Las interfaces de loopback simulan los PC internos.

Configuraciones

En este documento, se utilizan estas configuraciones:

- [Servidor Easy VPN \(router Cisco 7200VXR\)](#)
- [Easy VPN Remote \(router Cisco 871W\)](#)

Servidor Easy VPN (router Cisco 7200VXR)

```

3-07-07-7200VXR#show running-config
Building configuration...

Current configuration : 2059 bytes
!
version 12.4
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname 3-07-07-7200VXR
!
boot-start-marker
boot-end-marker
!
!
!--- Enable Authentication, Authorizing and Accounting
(AAA) !--- for user authentication and group
authorization.  aaa new-model
!

!--- Enable the AAA commands in order !--- to enable
Xauth for user authentication.  aaa authentication login
userauthen local

!--- Enable the AAA commands !--- in order to enable
group authorization.  aaa authorization network
groupauthor local
!
aaa session-id common
!
resource policy
!
ip subnet-zero
ip cef
!
!
!--- Define the username and password to use for Xauth.
username cisco password 0 cisco123
!
!
!--- Create an Internet Security Association and !---
Key Management Protocol (ISAKMP) policy for Phase 1
negotiations.  crypto isakmp policy 3
  encr 3des
  authentication pre-share
  group 2
!
!
!--- Create a group with the pre-shared key for IKE
authentication.  crypto isakmp client configuration group
vpngrp
  key cisco123
!
!
!--- Create the Phase 2 policy for actual data
encryption.  crypto ipsec transform-set myset esp-3des

```



```
ip nat pool honnat 158.100.96.90 158.100.96.99 netmask
255.255.255.0
ip nat inside source route-map test pool honnat mapping-
id 10 overload
!
logging alarm informational
access-list 100 permit ip any any
!
route-map test permit 10
  match ip address 100
!
!
!
!
control-plane
!
!
!
!
!
!
gatekeeper
  shutdown
!
!
line con 0
  logging synchronous
  stopbits 1
line aux 0
  stopbits 1
line vty 0 4
!
!
end
```

Easy VPN Remote (router Cisco 871W)

```
3-03-06-871W#show running-config
Current configuration : 1563 bytes
!
version 12.4
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
service password-encryption
!
hostname 3-03-06-871W
!
boot-start-marker
boot-end-marker
!
!
no aaa new-model
!
resource policy
!
ip cef
!
!
!
!
ip name-server 171.70.168.183
!
```

```

!
username cisco privilege 15 password 7 00071A150754
!
!
!
!
!
!--- Set the parameters to connect to the !---
appropriate Easy VPN group on the Easy VPN server.
crypto ipsec client ezvpn ez
  connect auto
  group vpngrp key cisco123
  mode network-extension
  peer 172.16.186.186
  xauth userid mode interactive
!
!
!
!--- Define the inside interfaces that will access !---
and can be accessed via Easy VPN. interface Loopback0
  ip address 10.12.130.1 255.255.255.255
  crypto ipsec client ezvpn ez inside
!
interface FastEthernet0
!
interface FastEthernet1
!
interface FastEthernet2
!
interface FastEthernet3

!--- Use the crypto ipsec client ezvpn

      command on the !--- interface that connects
to the Easy VPN server !--- in order to complete the
Easy VPN.

interface FastEthernet4
  ip address 172.16.186.130 255.255.255.0
  duplex auto
  speed auto
  crypto ipsec client ezvpn ez
!
interface Dot11Radio0
  no ip address
  shutdown
  speed basic-1.0 basic-2.0 basic-5.5 6.0 9.0 basic-11.0
12.0 18.0 24.0 36.0 48.0 54.0
  station-role root
!
interface Vlan1
  no ip address
!
ip default-gateway 172.16.186.1
ip route 0.0.0.0 0.0.0.0 172.16.186.1
!
!
no ip http server
no ip http secure-server
!
access-list 121 dynamic testlist permit tcp any host
12.12.12.12 eq 5900

```

```

snmp-server community presto RW
!
!
!
route-map polo permit 10
!
route-map asa permit 10
!
tacacs-server host 66.94.234.13
tacacs-server directed-request
!
control-plane
!
!
line con 0
  no modem enable
line aux 0
line vty 0 4
  login
!
scheduler max-task-time 5000
!
webvpn context Default_context
  ssl authenticate verify all
!
  no inservice
!
end

```

Verificación

Utilice estas secciones para confirmar que su configuración funciona correctamente.

- [Comandos show y ejemplo de Cisco 7200 Easy VPN Server](#)
- [Comandos show y ejemplo de Easy VPN Remote de Cisco 871W](#)

[La herramienta Output Interpreter Tool \(clientes registrados solamente\) \(OIT\) soporta ciertos comandos show.](#) Utilice la OIT para ver un análisis del resultado del comando show.

Comandos show y ejemplo de Cisco 7200 Easy VPN Server

- **show crypto isakmp sa:** muestra todas las asociaciones de seguridad (SA) de Internet Key Exchange (IKE) actuales en un par.

```

3-07-07-7200VXR#show crypto isakmp sa
IPv4 Crypto ISAKMP SA
dst          src          state          conn-id slot status
172.16.186.186 172.16.186.130 QM_IDLE        1008    0 ACTIVE

```

```
IPv6 Crypto ISAKMP SA
```

- **show crypto ipsec sa — Muestra los IPsec SA construidos entre pares.**

```

3-07-07-7200VXR#show crypto ipsec sa

interface: GigabitEthernet0/3
  Crypto map tag: clientmap, local addr 172.16.186.186

protected vrf: (none)
local  ident (addr/mask/prot/port): (0.0.0.0/0.0.0.0/0/0)
remote ident (addr/mask/prot/port): (10.12.130.1/255.255.255.255/0/0)
current_peer 172.16.186.130 port 500

```

```

PERMIT, flags={}
#pkts encaps: 5, #pkts encrypt: 5, #pkts digest: 5
#pkts decaps: 5, #pkts decrypt: 5, #pkts verify: 5
#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.: 172.16.186.186, remote crypto endpt.: 172.16.186.130
path mtu 1500, ip mtu 1500
current outbound spi: 0x29354010(691355664)

inbound esp sas:
spi: 0x6875F644(1752561220)
transform: esp-3des esp-sha-hmac ,
in use settings ={Tunnel, }
conn id: 11, flow_id: SW:11, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4439946/3526)
IV size: 8 bytes
replay detection support: Y
Status: ACTIVE

inbound ah sas:

inbound pcp sas:

outbound esp sas:
spi: 0x29354010(691355664)
transform: esp-3des esp-sha-hmac ,
in use settings ={Tunnel, }
conn id: 12, flow_id: SW:12, crypto map: clientmap
sa timing: remaining key lifetime (k/sec): (4439946/3524)
IV size: 8 bytes
replay detection support: Y
Status: ACTIVE

```

[Comandos show y ejemplo de Easy VPN Remote de Cisco 871W](#)

- **show crypto isakmp sa** — Muestra todas las asociaciones actuales de seguridad (SA) IKE de un par.

```

3-03-06-871W#show crypto isakmp sa
IPv4 Crypto ISAKMP SA
dst          src          state          conn-id slot status
172.16.186.186 172.16.186.130 QM_IDLE          2003    0 ACTIVE

IPv6 Crypto ISAKMP SA

```

- **show crypto ipsec sa** — Muestra los IPsec SA construidos entre pares.

```

3-03-06-871W#show crypto ipsec sa
interface: FastEthernet4
Crypto map tag: FastEthernet4-head-0, local addr 172.16.186.130

protected vrf: (none)
local ident (addr/mask/prot/port): (10.12.130.1/255.255.255.255/0/0)
remote ident (addr/mask/prot/port): (0.0.0.0/0.0.0.0/0/0)
current_peer 172.16.186.186 port 500
PERMIT, flags={origin_is_acl,}
#pkts encaps: 5, #pkts encrypt: 5, #pkts digest: 5
#pkts decaps: 5, #pkts decrypt: 5, #pkts verify: 5
#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.: 172.16.186.130, remote crypto endpt.: 172.16.186.186
path mtu 1500, ip mtu 1500
current outbound spi: 0x6875F644(1752561220)

inbound esp sas:
spi: 0x29354010(691355664)
  transform: esp-3des esp-sha-hmac ,
  in use settings ={Tunnel, }
  conn id: 11, flow_id: Motorola SEC 1.0:11, crypto map: FastEthernet4-head-0
  sa timing: remaining key lifetime (k/sec): (4607687/3531)
  IV size: 8 bytes
  replay detection support: Y
  Status: ACTIVE

inbound ah sas:

inbound pcp sas:

outbound esp sas:
spi: 0x6875F644(1752561220)
  transform: esp-3des esp-sha-hmac ,
  in use settings ={Tunnel, }
  conn id: 12, flow_id: Motorola SEC 1.0:12, crypto map: FastEthernet4-head-0
  sa timing: remaining key lifetime (k/sec): (4607687/3528)
  IV size: 8 bytes
  replay detection support: Y
  Status: ACTIVE

outbound ah sas:

outbound pcp sas:
```

- **show crypto ipsec client ezvpn**—Muestra la configuración de Cisco Easy VPN Remote.

```
3-03-06-871W#show crypto ipsec client ezvpn
Easy VPN Remote Phase: 6
```

```
Tunnel name : ez
Inside interface list: Loopback0
Outside interface: FastEthernet4
Current State: IPSEC_ACTIVE
Last Event: SOCKET_UP
Save Password: Disallowed
Current EzVPN Peer: 172.16.186.186
```

```
3-03-06-871W#ping 10.10.10.1 source 10.12.130.1
```

```
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 10.10.10.1, timeout is 2 seconds:
Packet sent with a source address of 10.12.130.1
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/4 ms
```

[Troubleshoot](#)

Use esta sección para resolver problemas de configuración.

[La herramienta Output Interpreter Tool \(clientes registrados solamente\) \(OIT\) soporta ciertos comandos show.](#) Utilice la OIT para ver un análisis del resultado del comando show.

Nota: Consulte [Información Importante sobre Comandos Debug](#) antes de utilizar los comandos

debug.

Si ha configurado Easy VPN Remote y Easy VPN Server como se describe en este documento y todavía experimenta problemas, recopile el resultado **debug** de cada dispositivo y el resultado de los comandos **show** para que el Soporte Técnico de Cisco lo analice.

Estas secciones muestran los comandos **debug** y el ejemplo de salida:

- [Comandos del servidor Easy VPN](#)
- [Comandos remotos Easy VPN](#)

Comandos del servidor Easy VPN

- **debug crypto ipsec** — Muestra los IPSec Negotiations de la Fase 2.
- **debug crypto isakmp** — Muestra las negociaciones ISAKMP para la fase 1.

```
3-07-07-7200VXR#debug crypto ipsec
3-07-07-7200VXR#debug crypto isakmp
*May 4 00:44:19.389: IPSEC(key_engine): got a queue event with 1 KMI message(s)
*May 4 00:44:20.937: ISAKMP (0:0): received packet from 172.16.186.130 dport
                    500 sport 500 Global (N) NEW SA
*May 4 00:44:20.937: ISAKMP: Created a peer struct for 172.16.186.130, peer port 500
*May 4 00:44:20.937: ISAKMP: New peer created peer = 0x6745B8E0
                    peer_handle = 0x80000009
*May 4 00:44:20.937: ISAKMP: Locking peer struct 0x6745B8E0, refcount 1
                    for crypto_isakmp_process_block
*May 4 00:44:20.937: ISAKMP:(0):Setting client config settings 6741FF98
*May 4 00:44:20.937: ISAKMP:(0):(Re)Setting client xauth list and state
*May 4 00:44:20.937: ISAKMP/xauth: initializing AAA request
*May 4 00:44:20.937: ISAKMP: local port 500, remote port 500
*May 4 00:44:20.937: ISAKMP: Find a dup sa in the avl tree during
                    calling isadb_insert sa = 67369734
*May 4 00:44:20.937: ISAKMP:(0): processing SA payload. message ID = 0
*May 4 00:44:20.937: ISAKMP:(0): processing ID payload. message ID = 0
*May 4 00:44:20.937: ISAKMP (0:0): ID payload
                    next-payload : 13
                    type          : 11
                    group id       : vpngrp
                    protocol      : 17
                    port           : 0
                    length         : 14
*May 4 00:44:20.937: ISAKMP:(0):: peer matches *none* of the profiles
*May 4 00:44:20.937: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.937: ISAKMP:(0): vendor ID seems Unity/DPD but major 245 mismatch
*May 4 00:44:20.937: ISAKMP (0:0): vendor ID is NAT-T v7
*May 4 00:44:20.937: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.937: ISAKMP:(0): vendor ID seems Unity/DPD but major 157 mismatch
*May 4 00:44:20.937: ISAKMP:(0): vendor ID is NAT-T v3
*May 4 00:44:20.937: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.937: ISAKMP:(0): vendor ID seems Unity/DPD but major 123 mismatch
*May 4 00:44:20.937: ISAKMP:(0): vendor ID is NAT-T v2
*May 4 00:44:20.937: ISAKMP:(0): Authentication by xauth preshared
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 1 against priority 3 policy
*May 4 00:44:20.937: ISAKMP:          encryption AES-CBC
*May 4 00:44:20.937: ISAKMP:          keylength of 128
*May 4 00:44:20.937: ISAKMP:          hash SHA
*May 4 00:44:20.937: ISAKMP:          default group 2
*May 4 00:44:20.937: ISAKMP:          auth XAUTHInitPreShared
```

*May 4 00:44:20.937: ISAKMP: life type in seconds
*May 4 00:44:20.937: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.937: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.937: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 2 against priority 3 policy
*May 4 00:44:20.937: ISAKMP: encryption AES-CBC
*May 4 00:44:20.937: ISAKMP: keylength of 128
*May 4 00:44:20.937: ISAKMP: hash MD5
*May 4 00:44:20.937: ISAKMP: default group 2
*May 4 00:44:20.937: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.937: ISAKMP: life type in seconds
*May 4 00:44:20.937: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.937: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.937: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 3 against priority 3 policy
*May 4 00:44:20.937: ISAKMP: encryption AES-CBC
*May 4 00:44:20.937: ISAKMP: keylength of 192
*May 4 00:44:20.937: ISAKMP: hash SHA
*May 4 00:44:20.937: ISAKMP: default group 2
*May 4 00:44:20.937: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.937: ISAKMP: life type in seconds
*May 4 00:44:20.937: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.937: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.937: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 4 against priority 3 policy
*May 4 00:44:20.937: ISAKMP: encryption AES-CBC
*May 4 00:44:20.937: ISAKMP: keylength of 192
*May 4 00:44:20.937: ISAKMP: hash MD5
*May 4 00:44:20.937: ISAKMP: default group 2
*May 4 00:44:20.937: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.937: ISAKMP: life type in seconds
*May 4 00:44:20.937: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.937: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.937: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 5 against priority 3 policy
*May 4 00:44:20.937: ISAKMP: encryption AES-CBC
*May 4 00:44:20.937: ISAKMP: keylength of 256
*May 4 00:44:20.937: ISAKMP: hash SHA
*May 4 00:44:20.937: ISAKMP: default group 2
*May 4 00:44:20.937: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.937: ISAKMP: life type in seconds
*May 4 00:44:20.937: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.937: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.937: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.937: ISAKMP:(0):Checking ISAKMP transform 6 against priority 3 policy
*May 4 00:44:20.937: ISAKMP: encryption AES-CBC
*May 4 00:44:20.937: ISAKMP: keylength of 256
*May 4 00:44:20.941: ISAKMP: hash MD5
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 7 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 128
*May 4 00:44:20.941: ISAKMP: hash SHA
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3

*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 8 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 128
*May 4 00:44:20.941: ISAKMP: hash MD5
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 9 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 192
*May 4 00:44:20.941: ISAKMP: hash SHA
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 10 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 192
*May 4 00:44:20.941: ISAKMP: hash MD5
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 11 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 256
*May 4 00:44:20.941: ISAKMP: hash SHA
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 12 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption AES-CBC
*May 4 00:44:20.941: ISAKMP: keylength of 256
*May 4 00:44:20.941: ISAKMP: hash MD5
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth pre-share
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: ISAKMP:(0):Encryption algorithm offered does not match policy!
*May 4 00:44:20.941: ISAKMP:(0):atts are not acceptable. Next payload is 3
*May 4 00:44:20.941: ISAKMP:(0):Checking ISAKMP transform 13 against priority 3 policy
*May 4 00:44:20.941: ISAKMP: encryption 3DES-CBC
*May 4 00:44:20.941: ISAKMP: hash SHA
*May 4 00:44:20.941: ISAKMP: default group 2
*May 4 00:44:20.941: ISAKMP: auth XAUTHInitPreShared
*May 4 00:44:20.941: ISAKMP: life type in seconds
*May 4 00:44:20.941: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*May 4 00:44:20.941: **ISAKMP:(0):atts are acceptable. Next payload is 3**
*May 4 00:44:20.941: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.941: ISAKMP:(0): vendor ID seems Unity/DPD but major 245 mismatch
*May 4 00:44:20.941: ISAKMP (0:0): vendor ID is NAT-T v7
*May 4 00:44:20.941: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.941: ISAKMP:(0): vendor ID seems Unity/DPD but major 157 mismatch
*May 4 00:44:20.941: ISAKMP:(0): vendor ID is NAT-T v3

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*May 4 00:44:20.941: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.941: ISAKMP:(0): vendor ID seems Unity/DPD but major 123 mismatch
*May 4 00:44:20.941: ISAKMP:(0): vendor ID is NAT-T v2
*May 4 00:44:20.941: ISAKMP:(0): processing KE payload. message ID = 0
*May 4 00:44:20.957: ISAKMP:(0): processing NONCE payload. message ID = 0
*May 4 00:44:20.957: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.957: ISAKMP:(0): vendor ID is DPD
*May 4 00:44:20.957: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.957: ISAKMP:(0): vendor ID seems Unity/DPD but major 79 mismatch
*May 4 00:44:20.957: ISAKMP:(0): vendor ID is XAUTH
*May 4 00:44:20.957: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.957: ISAKMP:(0): claimed IOS but failed authentication
*May 4 00:44:20.957: ISAKMP:(0): processing vendor id payload
*May 4 00:44:20.957: ISAKMP:(0): vendor ID is Unity
*May 4 00:44:20.957: ISAKMP:(0):Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
*May 4 00:44:20.957: ISAKMP:(0):Old State = IKE_READY New State = IKE_R_AM_AAA_AWAIT

*May 4 00:44:20.957: ISAKMP:(1008): constructed NAT-T vendor-07 ID
*May 4 00:44:20.957: ISAKMP:(1008):SA is doing pre-shared key authentication
                        plus XAUTH using id type ID_IPV4_ADDR
*May 4 00:44:20.957: ISAKMP (0:1008): ID payload
                        next-payload : 10
                        type          : 1
                        address       : 172.16.186.186
                        protocol      : 17
                        port          : 0
                        length       : 12
*May 4 00:44:20.957: ISAKMP:(1008):Total payload length: 12
*May 4 00:44:20.957: ISAKMP:(1008): sending packet to 172.16.186.130 my_port
                        500 peer_port 500 (R) AG_INIT_EXCH
*May 4 00:44:20.957: ISAKMP:(1008):Input = IKE_MESG_FROM_AAA, PRESHARED_KEY_REPLY
*May 4 00:44:20.957: ISAKMP:(1008):Old State = IKE_R_AM_AAA_AWAIT New State = IKE_R_AM2

*May 4 00:44:20.985: ISAKMP (0:1008): received packet from 172.16.186.130 dport
                        500 sport 500 Global (R) AG_INIT_EXCH
*May 4 00:44:20.985: ISAKMP:(1008): processing HASH payload. message ID = 0
*May 4 00:44:20.985: ISAKMP:(1008): processing NOTIFY INITIAL_CONTACT protocol 1
                        spi 0, message ID = 0, sa = 67369734
*May 4 00:44:20.985: ISAKMP:(1008):SA authentication status:
                        authenticated
*May 4 00:44:20.985: ISAKMP:(1008):SA has been authenticated with 172.16.186.130
*May 4 00:44:20.985: ISAKMP:(1008):SA authentication status:
                        authenticated
*May 4 00:44:20.985: ISAKMP:(1008): Process initial contact,
bring down existing phase 1 and 2 SA's with local 172.16.186.186 remote 172.16.186.130
                        remote port 500
*May 4 00:44:20.985: ISAKMP:(1008):returning IP addr to the address pool
*May 4 00:44:20.985: ISAKMP: Trying to insert a peer 172.16.186.186/172.16.186.130/500/,
                        and inserted successfully 6745B8E0.
*May 4 00:44:20.985: ISAKMP: set new node 1361385973 to CONF_XAUTH
*May 4 00:44:20.985: ISAKMP:(1008):Sending NOTIFY RESPONDER_LIFETIME protocol 1
                        spi 1722618680, message ID = 1361385973
*May 4 00:44:20.985: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 500
                        peer_port 500 (R) QM_IDLE
*May 4 00:44:20.985: ISAKMP:(1008):purging node 1361385973
*May 4 00:44:20.985: ISAKMP: Sending phase 1 responder lifetime 86400

*May 4 00:44:20.985: ISAKMP:(1008):Input = IKE_MESG_FROM_PEER, IKE_AM_EXCH
*May 4 00:44:20.985: ISAKMP:(1008):Old State = IKE_R_AM2 New State = IKE_P1_COMPLETE
!--- Requesting Xauth. *May 4 00:44:20.985: IPSEC(key_engine): got a queue event with 1 KMI
message(s) *May 4 00:44:20.985: ISAKMP:(1008):Need XAUTH *May 4 00:44:20.985: ISAKMP: set new
node -605466681 to CONF_XAUTH *May 4 00:44:20.985: ISAKMP/xauth: request attribute
XAUTH_USER_NAME_V2 *May 4 00:44:20.985: ISAKMP/xauth: request attribute XAUTH_USER_PASSWORD_V2
*May 4 00:44:20.985: ISAKMP:(1008): initiating peer config to 172.16.186.130. ID = -605466681

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*May 4 00:44:20.985: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 500 peer_port 500 (R) CONF_XAUTH *May 4 00:44:20.985: ISAKMP:(1008):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE
*May 4 00:44:20.985: ISAKMP:(1008):Old State = IKE_P1_COMPLETE New State = IKE_XAUTH_REQ_SENT
*May 4 00:44:35.985: ISAKMP:(1008): retransmitting phase 2 CONF_XAUTH -605466681 ... *May 4 00:44:35.985: ISAKMP (0:1008): incrementing error counter on node, attempt 1 of 5: retransmit phase 2 *May 4 00:44:35.985: ISAKMP (0:1008): incrementing error counter on sa, attempt 1 of 5: retransmit phase 2 *May 4 00:44:35.985: ISAKMP:(1008): retransmitting phase 2 -605466681 CONF_XAUTH *May 4 00:44:35.985: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 500 peer_port 500 (R) CONF_XAUTH R# 3-07-07-7200VXR# *May 4 00:44:50.985: ISAKMP:(1008): retransmitting phase 2 CONF_XAUTH -605466681 ... *May 4 00:44:50.985: ISAKMP (0:1008): incrementing error counter on node, attempt 2 of 5: retransmit phase 2 *May 4 00:44:50.985: ISAKMP (0:1008): incrementing error counter on sa, attempt 2 of 5: retransmit phase 2 *May 4 00:44:50.985: ISAKMP:(1008): retransmitting phase 2 -605466681 CONF_XAUTH *May 4 00:44:50.985: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 500 peer_port 500 (R) CONF_XAUTH 3-07-07-7200VXR# *May 4 00:45:01.997: ISAKMP (0:1008): received packet from 172.16.186.130 dport 500 sport 500 Global (R) CONF_XAUTH *May 4 00:45:01.997: ISAKMP:(1008):processing transaction payload from 172.16.186.130. message ID = -605466681 *May 4 00:45:01.997: ISAKMP: Config payload REPLY *May 4 00:45:01.997: ISAKMP/xauth: reply attribute XAUTH_USER_NAME_V2 *May 4 00:45:01.997: ISAKMP/xauth: reply attribute XAUTH_USER_PASSWORD_V2 *May 4 00:45:01.997: ISAKMP:(1008):deleting node -605466681 error FALSE reason "Done with xauth request/reply exchange" *May 4 00:45:01.997: ISAKMP:(1008):Input = IKE_MSG_FROM_PEER, IKE_CFG_REPLY *May 4 00:45:01.997: ISAKMP:(1008):Old State = IKE_XAUTH_REQ_SENT New State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT *May 4 00:45:01.997: ISAKMP: set new node 1283697340 to CONF_XAUTH *May 4 00:45:01.997: ISAKMP:(1008): initiating peer config to 172.16.186.130. ID = 1283697340 *May 4 00:45:01.997: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 5 3-07-07-7200VX00 peer_port 500 (R) CONF_XAUTH *May 4 00:45:01.997: ISAKMP:(1008):Input = IKE_MSG_FROM_AAA, IKE_AAA_CONT_LOGIN *May 4 00:45:01.997: ISAKMP:(1008):Old State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT New State = IKE_XAUTH_SET_SENT *May 4 00:45:02.005: ISAKMP (0:1008): received packet from 172.16.186.130 dport 500 sport 500 Global (R) CONF_XAUTH *May 4 00:45:02.005: ISAKMP:(1008):processing transaction payload from 172.16.186.130. message ID = 1283697340 *May 4 00:45:02.005: ISAKMP: Config payload ACK *May 4 00:45:02.005: ISAKMP:(1008): XAUTH ACK Processed *May 4 00:45:02.005: ISAKMP:(1008):deleting node 1283697340 error FALSE reason "Transaction mode done" *May 4 00:45:02.005: ISAKMP:(1008):Input = IKE_MSG_FROM_PEER, IKE_CFG_ACK *May 4 00:45:02.005: ISAKMP:(1008):Old State = IKE_XAUTH_SET_SENT New State = IKE_P1_COMPLETE *May 4 00:45:02.005: ISAKMP:(1008):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE *May 4 00:45:02.005: ISAKMP:(1008):Old State = IKE_P1_COMPLETE New State = IKE_P1_COMPLETE *May 4 00:45:02.005: ISAKMP (0:1008): received packet from 172.16.186.130 dport 500 sport 500 Global (R) QM_IDLE *May 4 00:45:02.005: ISAKMP: set new node 104696831 to QM_IDLE *May 4 00:45:02.005: ISAKMP:(1008):processing transaction payload from 172.16.186.130. message ID = 104696831 *May 4 00:45:02.005: ISAKMP: Config payload REQUEST *May 4 00:45:02.005: ISAKMP:(1008):checking request: *May 4 00:45:02.005: ISAKMP: MODECFG_CONFIG_URL *May 4 00:45:02.005: ISAKMP: MODECFG_CONFIG_VERSION *May 4 00:45:02.009: ISAKMP: IP4_DNS *May 4 00:45:02.009: ISAKMP: IP4_DNS *May 4 00:45:02.009: ISAKMP: IP4_NBNS *May 4 00:45:02.009: ISAKMP: IP4_NBNS *May 4 00:45:02.009: ISAKMP: SPLIT_INCLUDE *May 4 00:45:02.009: ISAKMP: SPLIT_DNS *May 4 00:45:02.009: ISAKMP: DEFAULT_DOMAIN *May 4 00:45:02.009: ISAKMP: MODECFG_SAVEPWD *May 4 00:45:02.009: ISAKMP: INCLUDE_LOCAL_LAN *May 4 00:45:02.009: ISAKMP: PFS *May 4 00:45:02.009: ISAKMP: BACKUP_SERVER *May 4 00:45:02.009: ISAKMP: APPLICATION_VERSION *May 4 00:45:02.009: ISAKMP: MODECFG-BANNER *May 4 00:45:02.009: ISAKMP: MODECFG_IPSEC_INT_CONF *May 4 00:45:02.009: ISAKMP/author: Author request for group vpngrpssuccessfully sent to AAA *May 4 00:45:02.009: ISAKMP:(1008):Input = IKE_MSG_FROM_PEER, IKE_CFG_REQUEST *May 4 00:45:02.009: ISAKMP:(1008):Old State = IKE_P1_COMPLETE New State = IKE_CONFIG_AUTHOR_AAA_AWAIT *May 4 00:45:02.009: ISAKMP:(1008):Receive config attributes requested butconfig attributes not in crypto map. Sending empty reply. *May 4 00:45:02.009: ISAKMP:(1008):attributes sent in message: *May 4 00:45:02.009: ISAKMP: Sending APPLICATION_VERSION string: Cisco IOS Software, 7200 Software (C7200-ADVENTERPRISEK9-M), Version 12.4(4)T1, RELEASE SOFTWARE (fc4) Technical Support: <http://www.cisco.com/techsupport> Copyright (c) 1986-2005 by Cisco Systems, Inc. Compiled Wed 21-Dec-05 22:58 by ccai *May 4 00:45:02.009: ISAKMP: Sending IPsec Interface Config reply value 0 *May 4 00:45:02.009: ISAKMP:(1008): responding to peer config from 172.16.186.130. ID = 104696831 *May 4 00:45:02.009: ISAKMP:(1008): sending packet to 172.16.186.130 my_port 500 peer_port 500 (R) CONF_ADDR *May 4 00:45:02.009: ISAKMP:(1008):deleting node 104696831 error FALSE reason "No Error" *May 4 00:45:02.009: ISAKMP:(1008):Input = IKE_MSG_FROM_AAA, IKE_AAA_GROUP_ATTR *May 4 00:45:02.009: ISAKMP:(1008):Old State = IKE_CONFIG_AUTHOR_AAA_AWAIT New State = IKE_P1_COMPLETE *May 4 00:45:02.009: ISAKMP:(1008):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE *May 4 00:45:02.009: ISAKMP:(1008):Old State = IKE_P1_COMPLETE New State = IKE_P1_COMPLETE *May 4 00:45:02.029: ISAKMP (0:1008): received packet from 172.16.186.130 dport

500 sport 500 Global (R) QM_IDLE *May 4 00:45:02.029: ISAKMP: set new node -1665883002 to QM_IDLE *May 4 00:45:02.029: ISAKMP:(1008): processing HASH payload. message ID = -1665883002 *May 4 00:45:02.029: ISAKMP:(1008): processing SA payload. message ID = -1665883002 *May 4 00:45:02.029: ISAKMP:(1008):Checking IPsec proposal 1 *May 4 00:45:02.029: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.029: ISAKMP: attributes in transform: *May 4 00:45:02.029: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.029: ISAKMP: SA life type in seconds *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B *May 4 00:45:02.029: ISAKMP: SA life type in kilobytes *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.029: ISAKMP: authenticator is HMAC-SHA *May 4 00:45:02.029: ISAKMP: key length is 128 *May 4 00:45:02.029: ISAKMP:(1008):atts are acceptable. *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes esp-sha-hmac (Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x0 *May 4 00:45:02.029: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for identity: {esp-aes esp-sha-hmac } *May 4 00:45:02.029: ISAKMP:(1008): IPsec policy invalidated proposal *May 4 00:45:02.029: ISAKMP:(1008):Checking IPsec proposal 2 *May 4 00:45:02.029: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.029: ISAKMP: attributes in transform: *May 4 00:45:02.029: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.029: ISAKMP: SA life type in seconds *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B *May 4 00:45:02.029: ISAKMP: SA life type in kilobytes *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.029: ISAKMP: authenticator is HMAC-MD5 *May 4 00:45:02.029: ISAKMP: key length is 128 *May 4 00:45:02.029: ISAKMP:(1008):atts are acceptable. *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes esp-md5-hmac (Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x0 *May 4 00:45:02.029: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for identity: {esp-aes esp-md5-hmac } *May 4 00:45:02.029: ISAKMP:(1008): IPsec policy invalidated proposal *May 4 00:45:02.029: ISAKMP:(1008):Checking IPsec proposal 3 *May 4 00:45:02.029: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.029: ISAKMP: attributes in transform: *May 4 00:45:02.029: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.029: ISAKMP: SA life type in seconds *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B *May 4 00:45:02.029: ISAKMP: SA life type in kilobytes *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.029: ISAKMP: authenticator is HMAC-SHA *May 4 00:45:02.029: ISAKMP: key length is 192 *May 4 00:45:02.029: ISAKMP:(1008):atts are acceptable. *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes 192 esp-sha-hmac (Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 192, flags= 0x0 *May 4 00:45:02.029: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for identity: {esp-aes 192 esp-sha-hmac } *May 4 00:45:02.029: ISAKMP:(1008): IPsec policy invalidated proposal *May 4 00:45:02.029: ISAKMP:(1008):Checking IPsec proposal 4 *May 4 00:45:02.029: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.029: ISAKMP: attributes in transform: *May 4 00:45:02.029: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.029: ISAKMP: SA life type in seconds *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B *May 4 00:45:02.029: ISAKMP: SA life type in kilobytes *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.029: ISAKMP: authenticator is HMAC-MD5 *May 4 00:45:02.029: ISAKMP: key length is 192 *May 4 00:45:02.029: ISAKMP:(1008):atts are acceptable. *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.029: IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes 192 esp-md5-hmac (Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 192, flags= 0x0 *May 4 00:45:02.029: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for identity: {esp-aes 192 esp-md5-hmac } *May 4 00:45:02.029: ISAKMP:(1008): IPsec policy invalidated proposal *May 4 00:45:02.029: ISAKMP:(1008):Checking IPsec proposal 5 *May 4 00:45:02.029: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.029: ISAKMP: attributes in transform: *May 4 00:45:02.029: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.029: ISAKMP: SA life type in seconds *May 4 00:45:02.029: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B *May 4 00:45:02.029: ISAKMP: SA life type in kilobytes *May 4 00:45:02.029: ISAKMP: SA life duration

(VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.029: ISAKMP: authenticator is HMAC-SHA *May 4
00:45:02.033: ISAKMP: key length is 256 *May 4 00:45:02.033: ISAKMP:(1008):atts are acceptable.
*May 4 00:45:02.033: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.033:
IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=
172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=
10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes 256 esp-sha-hmac
(Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x0 *May 4
00:45:02.033: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for
identity: {esp-aes 256 esp-sha-hmac } *May 4 00:45:02.033: ISAKMP:(1008): IPsec policy
invalidated proposal *May 4 00:45:02.033: ISAKMP:(1008):Checking IPsec proposal 6 *May 4
00:45:02.033: ISAKMP: transform 1, ESP_AES *May 4 00:45:02.033: ISAKMP: attributes in transform:
*May 4 00:45:02.033: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.033: ISAKMP: SA life type in
seconds *May 4 00:45:02.033: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xc4 0x9B *May 4
00:45:02.033: ISAKMP: SA life type in kilobytes *May 4 00:45:02.033: ISAKMP: SA life duration
(VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.033: ISAKMP: authenticator is HMAC-MD5 *May 4
00:45:02.033: ISAKMP: key length is 256 *May 4 00:45:02.033: ISAKMP:(1008):atts are acceptable.
*May 4 00:45:02.033: IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.033:
IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=
172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=
10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-aes 256 esp-md5-hmac
(Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x0 *May 4
00:45:02.033: IPSEC(crypto_ipsec_process_proposal): transform proposal not supported for
identity: {esp-aes 256 esp-md5-hmac } *May 4 00:45:02.033: ISAKMP:(1008): IPsec policy
invalidated proposal *May 4 00:45:02.033: ISAKMP:(1008):Checking IPsec proposal 7 *May 4
00:45:02.033: ISAKMP: transform 1, ESP_3DES *May 4 00:45:02.033: ISAKMP: attributes in
transform: *May 4 00:45:02.033: ISAKMP: encaps is 1 (Tunnel) *May 4 00:45:02.033: ISAKMP: SA
life type in seconds *May 4 00:45:02.033: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xc4 0x9B
*May 4 00:45:02.033: ISAKMP: SA life type in kilobytes *May 4 00:45:02.033: ISAKMP: SA life
duration (VPI) of 0x0 0x46 0x50 0x0 *May 4 00:45:02.033: ISAKMP: authenticator is HMAC-SHA *May
4 00:45:02.033: ISAKMP:(1008):atts are acceptable. *May 4 00:45:02.033:
IPSEC(validate_proposal_request): proposal part #1 *May 4 00:45:02.033:
IPSEC(validate_proposal_request): proposal part #1, (key eng. msg.) INBOUND local=
172.16.186.186, remote= 172.16.186.130, local_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4), remote_proxy=
10.12.130.1/255.255.255.255/0/0 (type=1), protocol= ESP, transform= esp-3des esp-sha-hmac
(Tunnel), lifedur= 0s and 0kb, spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x0 *May 4
00:45:02.033: ISAKMP:(1008): processing NONCE payload. message ID = -1665883002 *May 4
00:45:02.033: ISAKMP:(1008): processing ID payload. message ID = -1665883002 *May 4
00:45:02.033: ISAKMP:(1008): processing ID payload. message ID = -1665883002 *May 4
00:45:02.033: ISAKMP:(1008): asking for 1 spis from ipsec *May 4 00:45:02.033:
ISAKMP:(1008):Node -1665883002, Input = IKE_MSG_FROM_PEER, IKE_QM_EXCH *May 4 00:45:02.033:
ISAKMP:(1008):Old State = IKE_QM_READY New State = IKE_QM_SPI_STARVE *May 4 00:45:02.033:
IPSEC(key_engine): got a queue event with 1 KMI message(s) *May 4 00:45:02.033:
IPSEC(spi_response): getting spi 1752561220 for SA from 172.16.186.186 to 172.16.186.130 for
prot 3 *May 4 00:45:02.033: ISAKMP:(1008): Creating IPsec SAs *May 4 00:45:02.033: inbound SA
from 172.16.186.130 to 172.16.186.186 (f/i) 0/ 0 (proxy 10.12.130.1 to 0.0.0.0) *May 4
00:45:02.033: has spi 0x6875F644 and conn_id 0 *May 4 00:45:02.033: lifetime of 2147483 seconds
*May 4 00:45:02.033: lifetime of 4608000 kilobytes *May 4 00:45:02.033: outbound SA from
172.16.186.186 to 172.16.186.130 (f/i) 0/0 (proxy 0.0.0.0 to 10.12.130.1) *May 4 00:45:02.033:
has spi 0x29354010 and conn_id 0 *May 4 00:45:02.033: lifetime of 2147483 seconds *May 4
00:45:02.033: lifetime of 4608000 kilobytes *May 4 00:45:02.033: ISAKMP:(1008): sending packet
to 172.16.186.130 my_port 500 peer_port 500 (R) QM_IDLE *May 4 00:45:02.033: ISAKMP:(1008):Node
-1665883002, Input = IKE_MSG_FROM_IPSEC, IKE_SPI_REPLY *May 4 00:45:02.033: ISAKMP:(1008):Old
State = IKE_QM_SPI_STARVE New State = IKE_QM_R_QM2 *May 4 00:45:02.033: IPSEC(key_engine): got a
queue event with 1 KMI message(s) *May 4 00:45:02.033: IPsec: Flow_switching Allocated flow for
sibling 80000007 *May 4 00:45:02.033: IPSEC(policy_db_add_ident): src 0.0.0.0, dest 10.12.130.1,
dest_port 0 *May 4 00:45:02.033: IPSEC(create_sa): sa created, (sa) sa_dest= 172.16.186.186,
sa_proto= 50, sa_spi= 0x6875F644(1752561220), sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 11
*May 4 00:45:02.033: IPSEC(create_sa): sa created, (sa) sa_dest= 172.16.186.130, sa_proto= 50,
sa_spi= 0x29354010(691355664), sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 12 *May 4
00:45:02.045: ISAKMP (0:1008): received packet from 172.16.186.130 dport 500 sport 500 Global
(R) QM_IDLE *May 4 00:45:02.045: ISAKMP:(1008):deleting node -1665883002 error FALSE reason "QM
done (await)" *May 4 00:45:02.045: ISAKMP:(1008):Node -1665883002, Input = IKE_MSG_FROM_PEER,
IKE_QM_EXCH *May 4 00:45:02.045: ISAKMP:(1008):Old State = IKE_QM_R_QM2 New State =
IKE_QM_PHASE2_COMPLETE *May 4 00:45:02.045: IPSEC(key_engine): got a queue event with 1 KMI

message(s) *May 4 00:45:02.045: IPSEC(key_engine_enable_outbound): rec'd enable notify from
ISAKMP *May 4 00:45:02.045: IPSEC(key_engine_enable_outbound): enable SA with spi 691355664/50

Comandos remotos Easy VPN

- **debug crypto ipsec — Muestra los IPSec Negotiations de la Fase 2.**
- **debug crypto isakmp — Muestra las negociaciones ISAKMP para la fase 1.**

```
3-03-06-871W#debug crypto ipsec3-03-06-871W#debug crypto isakmp
*Jun 3 05:59:27.431: ISAKMP:(0): beginning Aggressive Mode exchange
*Jun 3 05:59:27.431: ISAKMP:(0): sending packet to 172.16.186.186 my_port
      500 peer_port 500 (I) AG_INIT_EXCH
*Jun 3 05:59:27.455: ISAKMP (0:0): received packet from 172.16.186.186 dport
      500 sport 500 Global (I) AG_INIT_EXCH
*Jun 3 05:59:27.455: ISAKMP:(0): processing SA payload. message ID = 0
*Jun 3 05:59:27.455: ISAKMP:(0): processing ID payload. message ID = 0
*Jun 3 05:59:27.455: ISAKMP (0:0): ID payload
      next-payload : 10
      type          : 1
      address       : 172.16.186.186
      protocol      : 17
      port          : 0
      length        : 12
*Jun 3 05:59:27.455: ISAKMP:(0):: peer matches *none* of the profiles
*Jun 3 05:59:27.455: ISAKMP:(0): processing vendor id payload
*Jun 3 05:59:27.455: ISAKMP:(0): vendor ID is Unity
*Jun 3 05:59:27.455: ISAKMP:(0): processing vendor id payload
*Jun 3 05:59:27.455: ISAKMP:(0): vendor ID is DPD
*Jun 3 05:59:27.455: ISAKMP:(0): processing vendor id payload
*Jun 3 05:59:27.455: ISAKMP:(0): speaking to another IOS box!
*Jun 3 05:59:27.455: ISAKMP:(0): local preshared key found
*Jun 3 05:59:27.455: ISAKMP : Scanning profiles for xauth ...
*Jun 3 05:59:27.455: ISAKMP:(0): Authentication by xauth preshared
*Jun 3 05:59:27.455: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65515 policy
*Jun 3 05:59:27.455: ISAKMP:      encryption 3DES-CBC
*Jun 3 05:59:27.455: ISAKMP:      hash SHA
*Jun 3 05:59:27.455: ISAKMP:      default group 2
*Jun 3 05:59:27.459: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.459: ISAKMP:      life type in seconds
*Jun 3 05:59:27.459: ISAKMP:      life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.459: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.459: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.459: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65516 policy
*Jun 3 05:59:27.459: ISAKMP:      encryption 3DES-CBC
*Jun 3 05:59:27.459: ISAKMP:      hash SHA
*Jun 3 05:59:27.459: ISAKMP:      default group 2
*Jun 3 05:59:27.459: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.459: ISAKMP:      life type in seconds
*Jun 3 05:59:27.459: ISAKMP:      life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.459: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.459: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.459: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65517 policy
*Jun 3 05:59:27.459: ISAKMP:      encryption 3DES-CBC
*Jun 3 05:59:27.459: ISAKMP:      hash SHA
*Jun 3 05:59:27.459: ISAKMP:      default group 2
*Jun 3 05:59:27.459: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.459: ISAKMP:      life type in seconds
*Jun 3 05:59:27.459: ISAKMP:      life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.459: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.459: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.459: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65518 policy
*Jun 3 05:59:27.459: ISAKMP:      encryption 3DES-CBC
```

*Jun 3 05:59:27.459: ISAKMP: hash SHA
*Jun 3 05:59:27.459: ISAKMP: default group 2
*Jun 3 05:59:27.459: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.459: ISAKMP: life type in seconds
*Jun 3 05:59:27.459: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.459: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.459: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.459: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65519 policy
*Jun 3 05:59:27.459: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.459: ISAKMP: hash SHA
*Jun 3 05:59:27.459: ISAKMP: default group 2
*Jun 3 05:59:27.459: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.459: ISAKMP: life type in seconds
*Jun 3 05:59:27.463: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.463: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.463: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.463: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65520 policy
*Jun 3 05:59:27.463: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.463: ISAKMP: hash SHA
*Jun 3 05:59:27.463: ISAKMP: default group 2
*Jun 3 05:59:27.463: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.463: ISAKMP: life type in seconds
*Jun 3 05:59:27.463: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.463: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.463: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.463: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65521 policy
*Jun 3 05:59:27.463: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.463: ISAKMP: hash SHA
*Jun 3 05:59:27.463: ISAKMP: default group 2
*Jun 3 05:59:27.463: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.463: ISAKMP: life type in seconds
*Jun 3 05:59:27.463: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.463: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.463: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.463: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65522 policy
*Jun 3 05:59:27.463: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.463: ISAKMP: hash SHA
*Jun 3 05:59:27.463: ISAKMP: default group 2
*Jun 3 05:59:27.463: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.463: ISAKMP: life type in seconds
*Jun 3 05:59:27.463: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.463: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.463: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.463: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65523 policy
*Jun 3 05:59:27.463: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.463: ISAKMP: hash SHA
*Jun 3 05:59:27.463: ISAKMP: default group 2
*Jun 3 05:59:27.463: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.463: ISAKMP: life type in seconds
*Jun 3 05:59:27.463: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.463: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.463: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.463: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65524 policy
*Jun 3 05:59:27.467: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.467: ISAKMP: hash SHA
*Jun 3 05:59:27.467: ISAKMP: default group 2
*Jun 3 05:59:27.467: ISAKMP: auth XAUTHInitPreShared
*Jun 3 05:59:27.467: ISAKMP: life type in seconds
*Jun 3 05:59:27.467: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.467: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.467: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.467: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65525 policy
*Jun 3 05:59:27.467: ISAKMP: encryption 3DES-CBC
*Jun 3 05:59:27.467: ISAKMP: hash SHA

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*Jun 3 05:59:27.467: ISAKMP:      default group 2
*Jun 3 05:59:27.467: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.467: ISAKMP:      life type in seconds
*Jun 3 05:59:27.467: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.467: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.467: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.467: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65526 policy
*Jun 3 05:59:27.467: ISAKMP:      encryption 3DES-CBC
*Jun 3 05:59:27.467: ISAKMP:      hash SHA
*Jun 3 05:59:27.467: ISAKMP:      default group 2
*Jun 3 05:59:27.467: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.467: ISAKMP:      life type in seconds
*Jun 3 05:59:27.467: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.467: ISAKMP:(0):Encryption algorithm offered does not match policy!
*Jun 3 05:59:27.467: ISAKMP:(0):atts are not acceptable. Next payload is 0
*Jun 3 05:59:27.467: ISAKMP:(0):Checking ISAKMP transform 1 against priority 65527 policy
*Jun 3 05:59:27.467: ISAKMP:      encryption 3DES-CBC
*Jun 3 05:59:27.467: ISAKMP:      hash SHA
*Jun 3 05:59:27.467: ISAKMP:      default group 2
*Jun 3 05:59:27.467: ISAKMP:      auth XAUTHInitPreShared
*Jun 3 05:59:27.467: ISAKMP:      life type in seconds
*Jun 3 05:59:27.467: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Jun 3 05:59:27.467: ISAKMP:(0):atts are acceptable. Next payload is 0
*Jun 3 05:59:27.467: ISAKMP (0:0): vendor ID is NAT-T v7
*Jun 3 05:59:27.467: ISAKMP:(0): processing KE payload. message ID = 0
*Jun 3 05:59:27.475: ISAKMP:(0): processing NONCE payload. message ID = 0
*Jun 3 05:59:27.475: ISAKMP:(2006): processing HASH payload. message ID = 0
*Jun 3 05:59:27.475: ISAKMP:(2006):SA authentication status:
    authenticated
*Jun 3 05:59:27.475: ISAKMP:(2006):SA has been authenticated with 172.16.186.186

*Jun 3 05:59:27.475: ISAKMP:(2006):Send initial contact
*Jun 3 05:59:27.475: ISAKMP:(2006): sending packet to 172.16.186.186
    my_port 500 peer_port 500 (I) AG_INIT_EXCH
*Jun 3 05:59:27.479: ISAKMP:(2006):Input = IKE_MSG_FROM_PEER, IKE_AM_EXCH
*Jun 3 05:59:27.479: ISAKMP:(2006):Old State = IKE_I_AM1  New State = IKE_P1_COMPLETE

*Jun 3 05:59:27.479: ISAKMP:(2006):Need XAUTH
*Jun 3 05:59:27.479: ISAKMP:(2006):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE

!--- Phase 1 (ISAKMP) is complete. *Jun 3 05:59:27.479: ISAKMP:(2006):Old State =
IKE_P1_COMPLETE New State = IKE_P1_COMPLETE !--- Xauth initiates. *Jun 3 05:59:27.479: ISAKMP
(0:2006): received packet from 172.16.186.186 dport 500 sport 500 Global (I) CONF_XAUTH *Jun 3
05:59:27.483: ISAKMP: set new node 850198625 to CONF_XAUTH *Jun 3 05:59:27.487:
ISAKMP:(2006):processing transaction payload from 172.16.186.186. message ID = -1517216966 *Jun
3 05:59:27.487: ISAKMP: Config payload REQUEST *Jun 3 05:59:27.487: ISAKMP:(2006):checking
request: *Jun 3 05:59:27.487: ISAKMP: XAUTH_USER_NAME_V2 *Jun 3 05:59:27.487: ISAKMP:
XAUTH_USER_PASSWORD_V2 *Jun 3 05:59:27.487: ISAKMP:(2006):Xauth process request *Jun 3
05:59:27.487: ISAKMP:(2006):Input = IKE_MSG_FROM_PEER, IKE_CFG_REQUEST *Jun 3 05:59:27.487:
ISAKMP:(2006):Old State = IKE_P1_COMPLETE New State = IKE_XAUTH_REPLY_AWAIT *Jun 3 05:59:30.242:
EZVPN(ez): Pending XAuth Request, Please enter the following command: *Jun 3 05:59:30.242:
EZVPN: crypto ipsec client ezvpn xauth !--- Enter the crypto ipsec client ezvpn xauth command.

```

3-03-06-871W#crypto ipsec client ezvpn xauth

Username: cisco

Password:

*Jun 3 06:02:46.498: username: cisco

```

*Jun 3 06:02:46.498:          password: <omitted>
*Jun 3 06:02:46.498: ISAKMP:(2008): responding to peer config from
172.16.186.186. ID = -605466681
*Jun 3 06:02:46.498: ISAKMP:(2008): sending packet to 172.16.186.186 my_port
500 peer_port 500 (I) CONF_XAUTH
*Jun 3 06:02:46.498: ISAKMP:(2008):deleting node -605466681 error FALSE reason
"Done with xauth request/reply exchange"
*Jun 3 06:02:46.498: ISAKMP:(2008):Input = IKE_MSG_INTERNAL, IKE_XAUTH_REPLY_ATTR
*Jun 3 06:02:46.498: ISAKMP:(2008):Old State = IKE_XAUTH_REPLY_AWAIT New State =
IKE_XAUTH_REPLY_SENT

*Jun 3 06:02:46.502: ISAKMP (0:2008): received packet from 172.16.186.186 dport
500 sport 500 Global (I) CONF_XAUTH
*Jun 3 06:02:46.502: ISAKMP: set new node 1283697340 to CONF_XAUTH
*Jun 3 06:02:46.502: ISAKMP:(2008):processing transaction payload from
172.16.186.186. message ID = 1283697340
*Jun 3 06:02:46.502: ISAKMP: Config payload SET
*Jun 3 06:02:46.502: ISAKMP:(2008):Xauth process set, status = 1
*Jun 3 06:02:46.502: ISAKMP:(2008):checking SET:
*Jun 3 06:02:46.502: ISAKMP:      XAUTH_STATUS_V2 XAUTH-OK
*Jun 3 06:02:46.502: ISAKMP:(2008):attributes sent in message:
*Jun 3 06:02:46.502:      Status: 1
*Jun 3 06:02:46.506: ISAKMP:(2008): sending packet to 172.16.186.186
my_port 500 peer_port 500 (I) CONF_XAUTH
*Jun 3 06:02:46.506: ISAKMP:(2008):deleting node 1283697340 error FALSE
reason "No Error"
*Jun 3 06:02:46.506: ISAKMP:(2008):Input = IKE_MSG_FROM_PEER, IKE_CFG_SET
*Jun 3 06:02:46.506: ISAKMP:(2008):Old State = IKE_XAUTH_REPLY_SENT
New State = IKE_P1_COMPLETE

*Jun 3 06:02:46.506: ISAKMP:(2008):Need config/address
*Jun 3 06:02:46.506: ISAKMP: set new node 104696831 to CONF_ADDR
*Jun 3 06:02:46.506: ISAKMP: Sending APPLICATION_VERSION string: Cisco IOS
Software, C870 Software (C870-ADVIPSERVICESK9-M),
Experimental Version 12.4(20060201:210845)
[prchadal-CSCsb79792-haw_t_pi4 101]

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Compiled Thu 02-Feb-06 03:19 by prchadal
*Jun 3 06:02:46.506: ISAKMP:(2008): initiating peer config to 172.16.186.186.
ID = 104696831
*Jun 3 06:02:46.506: ISAKMP:(2008): sending packet to 172.16.186.186 my_port
500 peer_port 500 (I) CONF_ADDR
*Jun 3 06:02:46.506: ISAKMP:(2008):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE
*Jun 3 06:02:46.506: ISAKMP:(2008):Old State = IKE_P1_COMPLETE New State =
IKE_CONFIG_MODE_REQ_SENT

*Jun 3 06:02:46.510: ISAKMP (0:2008): received packet from 172.16.186.186 dport
500 sport 500 Global (I) CONF_ADDR
*Jun 3 06:02:46.514: ISAKMP:(2008):processing transaction payload from
172.16.186.186. message ID = 104696831
*Jun 3 06:02:46.514: ISAKMP: Config payload REPLY
*Jun 3 06:02:46.514: ISAKMP(0:2008) process config reply
*Jun 3 06:02:46.514: ISAKMP:(2008):deleting node 104696831 error
FALSE reason "Transaction mode done"
*Jun 3 06:02:46.514: ISAKMP:(2008):Input = IKE_MSG_FROM_PEER, IKE_CFG_REPLY
*Jun 3 06:02:46.514: ISAKMP:(2008):Old State = IKE_CONFIG_MODE_REQ_SENT
New State = IKE_P1_COMPLETE

*Jun 3 06:02:46.518: insert of map into mapdb AVL failed, map + ace pair
already exists on the mapdb
*Jun 3 06:02:46.518: ISAKMP:(2008):Input = IKE_MSG_INTERNAL, IKE_PHASE1_COMPLETE
*Jun 3 06:02:46.518: ISAKMP:(2008):Old State = IKE_P1_COMPLETE New State =
IKE_P1_COMPLETE

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*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0xA0FC0985(2700872069), conn_id= 0, keysize= 128, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0xBB426C9(196355785), conn_id= 0, keysize= 128, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0xB349BB06(3007953670), conn_id= 0, keysize= 192, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0xC114CFB8(3239366584), conn_id= 0, keysize= 192, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0x2ED87C62(785939554), conn_id= 0, keysize= 256, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0x226A6FF3(577400819), conn_id= 0, keysize= 256, flags= 0x2000

*Jun 3 06:02:46.522: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0x29354010(691355664), conn_id= 0, keysize= 0, flags= 0x2000

*Jun 3 06:02:46.526: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0x12111E5C(303111772), conn_id= 0, keysize= 0, flags= 0x2000

*Jun 3 06:02:46.526: IPSEC(sa_request): ,
(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
protocol= ESP, transform= NONE (Tunnel),
lifedur= 2147483s and 4608000kb,
spi= 0x98084B9A(2550680474), conn_id= 0, keysize= 0, flags= 0x2000

*Jun 3 06:02:46.526: IPSEC(sa_request): ,

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(key eng. msg.) OUTBOUND local= 172.16.186.130, remote= 172.16.186.186,
  local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
  remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
  protocol= ESP, transform= NONE (Tunnel),
  lifedur= 2147483s and 4608000kb,
  spi= 0x9442501B(2487373851), conn_id= 0, keysize= 0, flags= 0x0
*Jun 3 06:02:46.526: ISAKMP: set new node 0 to QM_IDLE
*Jun 3 06:02:46.526: ISAKMP:(2008): sitting IDLE. Starting QM immediately (QM_IDLE)
*Jun 3 06:02:46.526: ISAKMP:(2008):beginning Quick Mode exchange, M-ID of -1665883002
*Jun 3 06:02:46.526: ISAKMP:(2008):QM Initiator gets spi
*Jun 3 06:02:46.530: ISAKMP:(2008): sending packet to 172.16.186.186 my_port
  500 peer_port 500 (I) QM_IDLE
*Jun 3 06:02:46.530: ISAKMP:(2008):Node -1665883002, Input = IKE_MESG_INTERNAL,
  IKE_INIT_QM
*Jun 3 06:02:46.530: ISAKMP:(2008):Old State = IKE_QM_READY New State = IKE_QM_I_QM1
*Jun 3 06:02:46.538: ISAKMP (0:2008): received packet from 172.16.186.186
  dport 500 sport 500 Global (I) QM_IDLE
*Jun 3 06:02:46.538: ISAKMP:(2008): processing HASH payload. message ID = -1665883002
*Jun 3 06:02:46.538: ISAKMP:(2008): processing SA payload. message ID = -1665883002
*Jun 3 06:02:46.538: ISAKMP:(2008):Checking IPsec proposal 1
*Jun 3 06:02:46.538: ISAKMP: transform 1, ESP_3DES
*Jun 3 06:02:46.538: ISAKMP:   attributes in transform:
*Jun 3 06:02:46.538: ISAKMP:     encaps is 1 (Tunnel)
*Jun 3 06:02:46.538: ISAKMP:     SA life type in seconds
*Jun 3 06:02:46.538: ISAKMP:     SA life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Jun 3 06:02:46.538: ISAKMP:     SA life type in kilobytes
*Jun 3 06:02:46.538: ISAKMP:     SA life duration (VPI) of  0x0 0x46 0x50 0x0
*Jun 3 06:02:46.542: ISAKMP:     authenticator is HMAC-SHA
*Jun 3 06:02:46.542: ISAKMP:(2008):atts are acceptable.
*Jun 3 06:02:46.542: IPSEC(validate_proposal_request): proposal part #1
*Jun 3 06:02:46.542: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.186.130, remote= 172.16.186.186,
  local_proxy= 10.12.130.1/255.255.255.255/0/0 (type=1),
  remote_proxy= 0.0.0.0/0.0.0.0/0/0 (type=4),
  protocol= ESP, transform= esp-3des esp-sha-hmac (Tunnel),
  lifedur= 0s and 0kb,
  spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x0
*Jun 3 06:02:46.542: Crypto mapdb : proxy_match
  src addr      : 10.12.130.1
  dst addr      : 0.0.0.0
  protocol      : 0
  src port      : 0
  dst port      : 0
*Jun 3 06:02:46.542: ISAKMP:(2008): processing NONCE payload. message ID = -1665883002
*Jun 3 06:02:46.542: ISAKMP:(2008): processing ID payload. message ID = -1665883002
*Jun 3 06:02:46.542: ISAKMP:(2008): processing ID payload. message ID = -1665883002
*Jun 3 06:02:46.542: ISAKMP:(2008): processing NOTIFY RESPONDER_LIFETIME protocol 3
  spi 1752561220, message ID = -1665883002, sa = 83BCC9DC
*Jun 3 06:02:46.542: ISAKMP:(2008):SA authentication status:
  authenticated
*Jun 3 06:02:46.542: ISAKMP:(2008): processing responder lifetime
*Jun 3 06:02:46.542: ISAKMP (2008): responder lifetime of 3600s
*Jun 3 06:02:46.542: ISAKMP:(2008): Creating IPsec SAs
*Jun 3 06:02:46.542:   inbound SA from 172.16.186.186 to 172.16.186.130 (f/i) 0/ 0
  (proxy 0.0.0.0 to 10.12.130.1)
*Jun 3 06:02:46.542:   has spi 0x29354010 and conn_id 0
*Jun 3 06:02:46.542:   lifetime of 3590 seconds
*Jun 3 06:02:46.542:   lifetime of 4608000 kilobytes
*Jun 3 06:02:46.546:   outbound SA from 172.16.186.130 to 172.16.186.186 (f/i) 0/0
  (proxy 10.12.130.1 to 0.0.0.0)
*Jun 3 06:02:46.546:   has spi 0x6875F644 and conn_id 0
*Jun 3 06:02:46.546:   lifetime of 3590 seconds
*Jun 3 06:02:46.546:   lifetime of 4608000 kilobytes
*Jun 3 06:02:46.546: ISAKMP:(2008): sending packet to 172.16.186.186

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my_port 500 peer_port 500 (I) QM_IDLE
*Jun  3 06:02:46.546: ISAKMP:(2008):deleting node -1665883002 error FALSE
                        reason "No Error"
*Jun  3 06:02:46.546: ISAKMP:(2008):Node -1665883002, Input = IKE_MESG_FROM_PEER,
                        IKE_QM_EXCH
*Jun  3 06:02:46.546: ISAKMP:(2008):Old State = IKE_QM_I_QM1  New State =
                        IKE_QM_PHASE2_COMPLETE
*Jun  3 06:02:46.546: IPSEC(key_engine): got a queue event with 1 KMI message(s)
*Jun  3 06:02:46.546: Crypto mapdb : proxy_match
                        src addr      : 10.12.130.1
                        dst addr      : 0.0.0.0
                        protocol     : 0
                        src port     : 0
                        dst port     : 0
*Jun  3 06:02:46.546: IPSEC(crypto_ipsec_sa_find_ident_head): reconnecting with
                        the same proxies and peer 172.16.186.186
*Jun  3 06:02:46.546: IPSEC(policy_db_add_ident): src 10.12.130.1, dest 0.0.0.0,
                        dest_port 0

*Jun  3 06:02:46.546: IPSEC(create_sa): sa created,
                        (sa) sa_dest= 172.16.186.130, sa_proto= 50,
                        sa_spi= 0x29354010(691355664),
                        sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 11
*Jun  3 06:02:46.546: IPSEC(create_sa): sa created,
                        (sa) sa_dest= 172.16.186.186, sa_proto= 50,
                        sa_spi= 0x6875F644(1752561220),
                        sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 12
*Jun  3 06:02:46.550: IPSEC(update_current_outbound_sa):
updated peer 172.16.186.186 current outbound sa to SPI 6875F644
*Jun  3 06:02:46.550: %CRYPTO-6-EZVPN_CONNECTION_UP: (Client)
User= Group=vpngrp Client_public_addr=172.16.186.130
Server_public_addr=172.16.186.186 NEM_Remote_Subnets=10.12.130.1/255.255.255.255
*Jun  3 06:02:47.130: ISAKMP: set new node -1866551769 to QM_IDLE

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- [Soporte del producto Cisco Easy VPN](#)
- [Router IOS: Ejemplo de Configuración de Easy VPN \(EzVPN\) en Modo de extensión de red \(NEM\) con tunelización dividida](#)
- [Cliente de Cisco VPN](#)
- [Negociación IPSec/Protocolos IKE](#)
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