

VPN 客户端的 IOS IPSec NAT 透明模式配置示例

目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[规则](#)

[配置](#)

[网络图](#)

[路由器配置](#)

[验证](#)

[故障排除](#)

[故障排除命令](#)

[相关信息](#)

简介

本文是Cisco IOS®支持IPSec网络地址转换(NAT)透明功能的一个配置示例。通过针对一些已知的NAT和IPSec不兼容问题的讨论，本文介绍了支持IPSec流穿过网络中的NAT或者Point Address Translation (PAT)。

先决条件

要求

本文档没有任何特定的要求。

使用的组件

本文档中的信息基于以下软件和硬件版本：

- Cisco 2621 路由器 12.2.13.7T1 及更高版本
- Cisco VPN Client 3.6.3 (未显示配置)

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始(默认)配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

规则

有关文档规则的详细信息，请参阅 [Cisco 技术提示规则](#)。

配置

本部分提供有关如何配置本文档所述功能的信息。

注意：有关本文档所用命令的详细信息，请使用[命令查找工具](#)（[仅限注册用户](#)）。

网络图

本文档使用以下网络设置：

路由器配置

完成这些步骤：

1. 发出 **show version** 命令，以显示交换机运行的软件版本。

```
2621#show version Cisco
Internetwork Operating System Software IOS (tm) C2600 Software (C2600-IK903S3-M), Version
12.2(13.7)T1, MAINTENANCE INTERIM SOFTWARE TAC Support: http://www.cisco.com/tac Copyright
(c) 1986-2002 by cisco Systems, Inc. Compiled Sat 21-Dec-02 14:10 by ccai Image text-base:
0x80008098, data-base: 0x818B6330 ROM: System Bootstrap, Version 11.3(2)XA4, RELEASE
SOFTWARE (fc1) ROM: C2600 Software (C2600-IK903S3-M), Version 12.2(13.7)T1, MAINTENANCE
INTERIM SOFTWARE 2621 uptime is 33 minutes System returned to ROM by reload System image
file is "flash:c2600-ik9o3s3-mz.122-13.7.T1" cisco 2621 (MPC860) processor (revision 0x102)
with 60416K/5120K bytes of memory. Processor board ID JAB0407020V (2751454139) M860
processor: part number 0, mask 49 Bridging software. X.25 software, Version 3.0.0. Primary
Rate ISDN software, Version 1.1. 2 FastEthernet/IEEE 802.3 interface(s) 2 Channelized
T1/PRI port(s) 32K bytes of non-volatile configuration memory. 16384K bytes of processor
board System flash (Read/Write) Configuration register is 0x2102
```
2. 发出 **show run** 命令。

```
2621#show run Building configuration... Current configuration : 2899
bytes ! version 12.2 service timestamps debug datetime msec localtime service timestamps
log datetime msec localtime no service password-encryption ! hostname 2621 ! boot system
flash logging queue-limit 100 enable secret 5 $1$dGFC$VA28yOWzxlCKyjldq8SkE/ ! username
cisco password 0 cisco123 username client password 0 testclient aaa new-model ! ! aaa
authentication login userauthen local aaa authorization network foo local aaa session-id
common ip subnet-zero ip cef ! ! no ip domain lookup ip domain name cisco.com ! ! !
crypto isakmp policy 20 encr 3des hash md5 authentication pre-share group 2 crypto isakmp
keepalive 40 5 !--- Allows an IPsec node to send NAT keepalive !--- packets every 20
seconds. crypto isakmp nat keepalive 20 ! crypto isakmp client configuration group cisco
key test1234 pool test acl 120 ! ! !--- Transform set "test" which uses Triple DES !---
encryptions and MD5 (HMAC variant) !--- for data packet authentication: crypto ipsec
transform-set test esp-3des esp-md5-hmac crypto ipsec transform-set foo esp-3des esp-sha-
hmac ! crypto ipsec profile greprotect ! ! !--- Dynamic crypto map. crypto dynamic-map
dynmap 1 set transform-set foo match address 199 ! ! crypto map test client authentication
list userauthen crypto map test isakmp authorization list foo crypto map test client
configuration address respond !--- Adds a dynamic crypto map set to a static crypto map
set. crypto map test 20 ipsec-isakmp dynamic dynmap ! ! ! voice call carrier capacity
active ! ! ! ! ! ! ! no voice hpi capture buffer no voice hpi capture destination ! ! mta
receive maximum-recipients 0 ! ! controller T1 0/0 framing sf linecode ami ! controller T1
0/1 framing sf linecode ami ! ! ! interface Loopback0 ip address 10.100.100.1 255.255.255.0
ip nat inside ! interface FastEthernet0/0 ip address 172.16.142.191 255.255.255.0 ip nat
outside no ip route-cache no ip mroute-cache duplex auto speed auto !--- Applies a crypto
map set to an interface. crypto map test ! interface FastEthernet0/1 ip address
10.130.13.13 255.255.0.0 duplex auto speed auto ! ip local pool test 192.168.1.1
192.168.1.250 ip nat inside source route-map nonat interface FastEthernet0/0 overload no ip
http server no ip http secure-server ip classless ip route 0.0.0.0 0.0.0.0 172.16.142.1 !
ip pim bidir-enable ! ! access-list 101 permit ip any any access-list 101 permit esp any
```

```

any access-list 101 permit udp any any eq isakmp access-list 101 permit ip 192.168.0.0
0.0.255.255 10.100.100.0 0.0.0.255 access-list 111 permit ip 10.100.100.0 0.0.0.255
10.10.10.0 0.0.0.255 access-list 112 deny ip 10.100.100.0 0.0.0.255 10.10.10.0 0.0.0.255
access-list 112 deny ip 10.100.100.0 0.0.0.255 192.168.1.0 0.0.0.255 access-list 112 permit
ip 10.100.100.0 0.0.0.255 any access-list 120 permit ip 10.100.100.0 0.0.0.255 192.168.1.0
0.0.0.255 !--- IPsec access list defines which traffic to protect. access-list 199 permit
ip 10.100.100.0 0.0.0.255 192.168.1.0 0.0.0.255 access-list 199 permit ip host
172.16.142.191 192.168.1.0 0.0.0.255 ! route-map nonat permit 10 match ip address 112 !
radius-server authorization permit missing Service-Type call rsvp-sync ! ! mgcp profile
default ! dial-peer cor custom ! ! ! ! line con 0 exec-timeout 0 0 line aux 0 line vty 0
4 password cisco ! ! end 2621#

```

验证

使用本部分可确认配置能否正常运行。

[命令输出解释程序 \(仅限注册用户 \)](#) (OIT) 支持某些 **show** 命令。使用 OIT 可查看对 **show** 命令输出的分析。

- **show crypto isakmp sa** - 显示所有当前在对等端的互联网密钥交换(IKE)安全关联(SAs)。

```

2621#show crypto isakmp sa f_vrf/i_vrf dst src state conn-id slot / 172.16.142.191
171.69.89.82 QM_IDLE 4 0

```

- **show crypto ipsec sa** - 显示当前 SA 使用的设置。2621#show crypto ipsec sa interface:
FastEthernet0/0 Crypto map tag: test, local addr. 172.16.142.191 protected vrf: local ident (addr/mask/prot/port): (10.100.100.0/255.255.255.0/0/0) *!--- Subnet behind local VPN router.* remote ident (addr/mask/prot/port): (192.168.1.3/255.255.255.255/0/0) *!--- Subnet behind remote VPN router.* current_peer: 171.69.89.82:4500 PERMIT, flags={ } #pkts encaps: 11, #pkts encrypt: 11, #pkts digest 11 #pkts decaps: 11, #pkts decrypt: 11, #pkts verify 11 #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.: 172.16.142.191, remote crypto endpt.: 171.69.89.82 *!--- IP address of Encapsulating Security Payload (ESP) endpoints.* path mtu 1500, media mtu 1500 current outbound spi: 9A12903F inbound esp sas: spi: 0xD44C2AFE(3561761534) *!--- SPI inbound (ESP tunnel).* transform: esp-3des esp-sha-hmac , in use settings = {Tunnel UDP-Encaps, } slot: 0, conn id: 2002, flow_id: 3, crypto map: test sa timing: remaining key lifetime (k/sec): (4513510/3476) IV size: 8 bytes replay detection support: Y inbound ah sas: inbound pcp sas: outbound esp sas: spi: 0x9A12903F(2584907839) *!--- Security parameter index (SPI) outbound (ESP tunnel).* transform: esp-3des esp-sha-hmac , in use settings = {Tunnel UDP-Encaps, } slot: 0, conn id: 2003, flow_id: 4, crypto map: test sa timing: remaining key lifetime (k/sec): (4513511/3476) IV size: 8 bytes replay detection support: Y outbound ah sas: outbound pcp sas: protected vrf: local ident (addr/mask/prot/port): (172.16.142.191/255.255.255.255/0/0) *!--- Next tunnel.* remote ident (addr/mask/prot/port): (192.168.1.3/255.255.255.255/0/0) current_peer: 171.69.89.82:4500 PERMIT, flags={ } #pkts encaps: 0, #pkts encrypt: 0, #pkts digest 0 #pkts decaps: 0, #pkts decrypt: 0, #pkts verify 0 #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.: 172.16.142.191, remote crypto endpt.: 171.69.89.82 path mtu 1500, media mtu 1500 current outbound spi: 1CD14C06 inbound esp sas: spi: 0x1EAC399E(514603422) transform: esp-3des esp-sha-hmac , in use settings = {Tunnel UDP-Encaps, } slot: 0, conn id: 2000, flow_id: 1, crypto map: test sa timing: remaining key lifetime (k/sec): (4434590/3471) IV size: 8 bytes replay detection support: Y inbound ah sas: inbound pcp sas: outbound esp sas: spi: 0x1CD14C06(483478534) transform: esp-3des esp-sha-hmac , in use settings = {Tunnel UDP-Encaps, } slot: 0, conn id: 2001, flow_id: 2, crypto map: test sa timing: remaining key lifetime (k/sec): (4434590/3469) IV size: 8 bytes replay detection support: Y outbound ah sas: outbound pcp sas:

- **show crypto engine connection active** - 显示加密引擎统计信息。这会显示数据包计数。

```

2621#show crypto engine connection active ID Interface IP-Address State Algorithm Encrypt
Decrypt 4 FastEthernet0/0 172.16.142.191 set HMAC_MD5+3DES_56_C 0 0 2000 FastEthernet0/0
172.16.142.191 set HMAC_SHA+3DES_56_C 0 0 2001 FastEthernet0/0 172.16.142.191 set
HMAC_SHA+3DES_56_C 0 0 2002 FastEthernet0/0 172.16.142.191 set HMAC_SHA+3DES_56_C 0 11 2003
FastEthernet0/0 172.16.142.191 set HMAC_SHA+3DES_56_C 11 0

```

- **show crypto engine [brief|configuration]** - 显示加密引擎的配置信息摘要。请在特权 EXEC 模式下使用此命令。此命令显示所有加密引擎并显示 AIM-VPN 产品名称。2621#`show crypto engine configuration` crypto engine name: unknown !--- Name of the crypto engine as assigned with the !--- key-name argument in the `crypto key generate dss` command. crypto engine type: software !--- If "software" is listed, the crypto engine resides in either !--- the Route Switch Processor (RSP) (the Cisco IOS crypto engine) or !--- in a second-generation Versatile Interface Processor (VIP2). serial number: A3FFDBBB crypto engine state: installed !--- The state "installed" indicates that a crypto engine is located !--- in the given slot, but is not configured for encryption. crypto engine in slot: N/A platform: Cisco Software Crypto Engine Encryption Process Info: input queue size: 500 input queue top: 34 input queue bot: 34 input queue count: 0 Crypto Adjacency Counts: Lock Count: 0 Unlock Count: 0 crypto lib version: 14.0.0 ipsec lib version: 2.0.0
- **show crypto isakmp sa detail nat** - 显示 ISAKMP SA NAT 详细信息。2621#`show crypto isakmp sa detail nat` Codes: C - IKE configuration mode, D - Dead Peer Detection K - Keepalives, N - NAT-traversal X - IKE Extended Authentication psk - Preshared key, rsig - RSA signature renc - RSA encryption **f_vrf/i_vrf** Conn id Local Remote Encr Hash Auth DH Lifetime Capabilities / 4 172.16.142.191 171.69.89.82 3des md5 2 23:56:43 CDXN NAT keepalive(sec) 20 In local 172.16.142.191:4500 remote cisco:4500 **f_vrf/i_vrf** - IKE SA 的前门虚拟路由和转发 (F_VRF) 以及内部 VRF (I_VRF)。如果 FVRF 是全局性的，则输出会将 f_vrf 显示为一个空字段。

故障排除

使用本部分可排除配置故障。

故障排除命令

[命令输出解释程序 \(仅限注册用户 \)](#) (OIT) 支持某些 `show` 命令。使用 OIT 可查看对 `show` 命令输出的分析。

有关其他故障排除信息，请参阅 [IP 安全故障排除 - 了解和使用 debug 命令](#)。

注意： 使用 `debug` 命令之前，请参阅 [有关 Debug 命令的重要信息](#)。

此配置每 20 秒接收一次 NAT Keepalive (按照配置)。

- **debug crypto ipsec** - 显示第 2 阶段的 IPsec 协商。
- **debug crypto isakmp** - 显示第 1 阶段的 ISAKMP 协商。
- **debug crypto engine** - 显示已加密的流量。2621#
2621#
*Mar 1 00:32:03.171: ISAKMP (0:4): received packet from 171.69.89.82
dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:32:03.171: ISAKMP: set new node 1489874950 to QM_IDLE
*Mar 1 00:32:03.175: ISAKMP (0:4): processing HASH payload. message
ID = 1489874950
*Mar 1 00:32:03.175: ISAKMP (0:4): processing NOTIFY unknown protocol 1
spi 0, message ID = 1489874950, sa = 82443410
*Mar 1 00:32:03.175: ISAKMP (0:4): deleting node 1489874950 error FALSE
reason "informational (in) state 1"
*Mar 1 00:32:03.175: ISAKMP (0:4): Input = IKE_MESG_FROM_PEER, IKE_INFO_NOTIFY
*Mar 1 00:32:03.175: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
New State = IKE_P1_COMPLETE

*Mar 1 00:32:13.115: ISAKMP (0:4): purging node 428915319
*Mar 1 00:32:23.199: ISAKMP (0:4): received packet from 171.69.89.82
dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:32:23.199: ISAKMP: set new node -1483946735 to QM_IDLE

```

*Mar 1 00:32:23.203: ISAKMP (0:4): processing HASH payload. message ID = -1483946735
*Mar 1 00:32:23.203: ISAKMP (0:4): processing NOTIFY unknown protocol 1
    spi 0, message ID = -1483946735, sa = 82443410
*Mar 1 00:32:23.203: ISAKMP (0:4): deleting node -1483946735 error
    FALSE reason "informational (in) state 1"
*Mar 1 00:32:23.203: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER, IKE_INFO_NOTIFY
*Mar 1 00:32:23.203: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
    New State = IKE_P1_COMPLETE

*Mar 1 00:32:33.147: ISAKMP (0:4): purging node -1677054470

```

- **debug ip packet [detail]** - 显示一般 IP 调试信息和 IP 安全选项 (IPSO) 安全事务。

- **debug ip icmp** —显示关于内部控制信息协议(ICMP)处理的信息。Generic IP:

```

ICMP packet debugging is on
IP packet debugging is on (detailed)

```

```

*Mar 1 00:38:43.735: IP: s=171.69.89.82 (FastEthernet0/0), d=172.16.142.191
    (FastEthernet0/0), len 108, rcvd 3
*Mar 1 00:38:43.735:     UDP src=4500, dst=4500
*Mar 1 00:38:48.863: IP: s=192.168.1.3 (FastEthernet0/0), d=10.100.100.1,
    len 60, rcvd 4
*Mar 1 00:38:48.863:     ICMP type=8, code=0
*Mar 1 00:38:48.863: ICMP: echo reply sent, src 10.100.100.1, dst 192.168.1.3
*Mar 1 00:38:48.867: IP: s=10.100.100.1 (local), d=192.168.1.3 (FastEthernet0/0),
    len 60, sending
*Mar 1 00:38:48.867:     ICMP type=0, code=0
*Mar 1 00:38:49.863: IP: s=192.168.1.3 (FastEthernet0/0), d=10.100.100.1,
    len 60, rcvd 4
*Mar 1 00:38:49.863:     ICMP type=8, code=0
*Mar 1 00:38:49.863: ICMP: echo reply sent, src 10.100.100.1, dst 192.168.1.3
*Mar 1 00:38:49.863: IP: s=10.100.100.1 (local), d=192.168.1.3 (FastEthernet0/0),
    len 60, sending
*Mar 1 00:38:49.867:     ICMP type=0, code=0
*Mar 1 00:38:50.863: IP: s=192.168.1.3 (FastEthernet0/0), d=10.100.100.1,
    len 60, rcvd 4
*Mar 1 00:38:50.867:     ICMP type=8, code=0
*Mar 1 00:38:50.867: ICMP: echo reply sent, src 10.100.100.1, dst 192.168.1.3
*Mar 1 00:38:50.867: IP: s=10.100.100.1 (local), d=192.168.1.3 (FastEthernet0/0),
    len 60, sending
*Mar 1 00:38:50.867:     ICMP type=0, code=0
*Mar 1 00:38:51.867: IP: s=192.168.1.3 (FastEthernet0/0), d=10.100.100.1,
    len 60, rcvd 4
*Mar 1 00:38:51.867:     ICMP type=8, code=0
*Mar 1 00:38:51.867: ICMP: echo reply sent, src 10.100.100.1, dst 192.168.1.3

```

- **debug crypto ipsec** - 显示第 2 阶段的 IPsec 协商。

- **debug crypto isakmp** - 显示第 1 阶段的 ISAKMP 协商。

- **debug crypto engine** - 显示已加密的流量。2621#

```

2621#
2621#
2621#
*Mar 1 00:27:54.735: ISAKMP (0:0): received packet from 171.69.89.82 dport
    500 sport 500 Global (N) NEW SA
*Mar 1 00:27:54.739: ISAKMP: Created a peer struct for 171.69.89.82, peer port 500
*Mar 1 00:27:54.739: ISAKMP: Locking peer struct 0x82C88D44, IKE refcount
    1 for crypto_ikmp_config_initialize_sa
*Mar 1 00:27:54.739: ISAKMP (0:0): Setting client config settings 82A819DC
*Mar 1 00:27:54.739: ISAKMP (0:0): (Re)Setting client xauth list and state
*Mar 1 00:27:54.739: ISAKMP: local port 500, remote port 500
*Mar 1 00:27:54.743: ISAKMP: Find a dup sa in the avl tree during calling
    isadb_insert sa = 82443410
*Mar 1 00:27:54.743: ISAKMP (0:4): processing SA payload. message ID = 0
*Mar 1 00:27:54.743: ISAKMP (0:4): processing ID payload. message ID = 0
*Mar 1 00:27:54.743: ISAKMP (0:4): peer matches *none* of the profiles

```

*Mar 1 00:27:54.743: ISAKMP (0:4): processing vendor id payload
*Mar 1 00:27:54.743: ISAKMP (0:4): vendor ID seems Unity/DPD but major 215 mismatch
*Mar 1 00:27:54.747: ISAKMP (0:4): vendor ID is XAUTH
*Mar 1 00:27:54.747: ISAKMP (0:4): processing vendor id payload
*Mar 1 00:27:54.747: ISAKMP (0:4): vendor ID is DPD
*Mar 1 00:27:54.747: ISAKMP (0:4): processing vendor id payload
*Mar 1 00:27:54.747: ISAKMP (0:4): vendor ID seems Unity/DPD but major 123 mismatch
*Mar 1 00:27:54.747: ISAKMP (0:4): vendor ID is NAT-T v2
*Mar 1 00:27:54.747: ISAKMP (0:4): processing vendor id payload
*Mar 1 00:27:54.747: ISAKMP (0:4): vendor ID seems Unity/DPD but major 194 mismatch
*Mar 1 00:27:54.751: ISAKMP (0:4): processing vendor id payload
*Mar 1 00:27:54.751: ISAKMP (0:4): vendor ID is Unity
*Mar 1 00:27:54.751: ISAKMP (0:4): Authentication by xauth preshared
*Mar 1 00:27:54.751: ISAKMP (0:4): Checking ISAKMP transform 1 against
 priority 20 policy
*Mar 1 00:27:54.751: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.751: ISAKMP: hash SHA
*Mar 1 00:27:54.751: ISAKMP: default group 2
*Mar 1 00:27:54.751: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.751: ISAKMP: life type in seconds
*Mar 1 00:27:54.751: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.755: ISAKMP: keylength of 256
*Mar 1 00:27:54.755: ISAKMP (0:4): Encryption algorithm offered does not
 match policy!
*Mar 1 00:27:54.755: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.755: ISAKMP (0:4): Checking ISAKMP transform 2 against
 priority 20 policy
*Mar 1 00:27:54.755: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.755: ISAKMP: hash MD5
*Mar 1 00:27:54.755: ISAKMP: default group 2
*Mar 1 00:27:54.755: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.755: ISAKMP: life type in seconds
*Mar 1 00:27:54.755: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.759: ISAKMP: keylength of 256
*Mar 1 00:27:54.759: ISAKMP (0:4): Encryption algorithm offered does not
 match policy!
*Mar 1 00:27:54.759: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.759: ISAKMP (0:4): Checking ISAKMP transform 3 against
 priority 20 policy
*Mar 1 00:27:54.759: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.759: ISAKMP: hash SHA
*Mar 1 00:27:54.759: ISAKMP: default group 2
*Mar 1 00:27:54.759: ISAKMP: auth pre-share
*Mar 1 00:27:54.759: ISAKMP: life type in seconds
*Mar 1 00:27:54.759: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.759: ISAKMP: keylength of 256
*Mar 1 00:27:54.763: ISAKMP (0:4): Encryption algorithm offered does not match
 policy!
*Mar 1 00:27:54.763: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.763: ISAKMP (0:4): Checking ISAKMP transform 4 against priority
 20 policy
*Mar 1 00:27:54.763: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.763: ISAKMP: hash MD5
*Mar 1 00:27:54.763: ISAKMP: default group 2
*Mar 1 00:27:54.763: ISAKMP: auth pre-share
*Mar 1 00:27:54.763: ISAKMP: life type in seconds
*Mar 1 00:27:54.763: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.763: ISAKMP: keylength of 256
*Mar 1 00:27:54.763: ISAKMP (0:4): Encryption algorithm offered does not match
 policy!
*Mar 1 00:27:54.767: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.767: ISAKMP (0:4): Checking ISAKMP transform 5 against priority
 20 policy
*Mar 1 00:27:54.767: ISAKMP: encryption AES-CBC

*Mar 1 00:27:54.767: ISAKMP: hash SHA
*Mar 1 00:27:54.767: ISAKMP: default group 2
*Mar 1 00:27:54.767: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.767: ISAKMP: life type in seconds
*Mar 1 00:27:54.767: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.767: ISAKMP: keylength of 192
*Mar 1 00:27:54.767: ISAKMP (0:4): Encryption algorithm offered does not match policy!
*Mar 1 00:27:54.771: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.771: ISAKMP (0:4): Checking ISAKMP transform 6 against priority 20 policy
*Mar 1 00:27:54.771: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.771: ISAKMP: hash MD5
*Mar 1 00:27:54.771: ISAKMP: default group 2
*Mar 1 00:27:54.771: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.771: ISAKMP: life type in seconds
*Mar 1 00:27:54.771: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.771: ISAKMP: keylength of 192
*Mar 1 00:27:54.771: ISAKMP (0:4): Encryption algorithm offered does not match policy!
*Mar 1 00:27:54.771: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.775: ISAKMP (0:4): Checking ISAKMP transform 7 against priority 20 policy
*Mar 1 00:27:54.775: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.775: ISAKMP: hash SHA
*Mar 1 00:27:54.775: ISAKMP: default group 2
*Mar 1 00:27:54.775: ISAKMP: auth pre-share
*Mar 1 00:27:54.775: ISAKMP: life type in seconds
*Mar 1 00:27:54.775: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.775: ISAKMP: keylength of 192
*Mar 1 00:27:54.775: ISAKMP (0:4): Encryption algorithm 1 00:27:54.783: ISAKMP: hash SHA offered does not match policy!
*Mar 1 00:27:54.775: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.775: ISAKMP (0:4): Checking ISAKMP transform 8 against priority 20 policy
*Mar 1 00:27:54.779: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.779: ISAKMP: hash MD5
*Mar 1 00:27:54.779: ISAKMP: default group 2
*Mar 1 00:27:54.779: ISAKMP: auth pre-share
*Mar 1 00:27:54.779: ISAKMP: life type in seconds
*Mar 1 00:27:54.779: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.779: ISAKMP: keylength of 192
*Mar 1 00:27:54.779: ISAKMP (0:4): Encryption algorithm offered does not match policy!
*Mar 1 00:27:54.779: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.779: ISAKMP (0:4): Checking ISAKMP transform 9 against priority 20 policy
*Mar 1 00:27:54.783: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.783: ISAKMP: default group 2
*Mar 1 00:27:54.783: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.783: ISAKMP: life type in seconds
*Mar 1 00:27:54.783: ISAKMP: life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.783: ISAKMP: keylength of 128
*Mar 1 00:27:54.783: ISAKMP (0:4): Encryption algorithm offered does not match policy!
*Mar 1 00:27:54.783: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.783: ISAKMP (0:4): Checking ISAKMP transform 10 against priority 20 policy
*Mar 1 00:27:54.783: ISAKMP: encryption AES-CBC
*Mar 1 00:27:54.787: ISAKMP: hash MD5
*Mar 1 00:27:54.787: ISAKMP: default group 2
*Mar 1 00:27:54.787: ISAKMP: auth XAUTHInitPreShared
*Mar 1 00:27:54.787: ISAKMP: life type in seconds

```

*Mar 1 00:27:54.787: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.787: ISAKMP:      keylength of 128
*Mar 1 00:27:54.787: ISAKMP (0:4): Encryption algorithm offered does not match
                                policy!
*Mar 1 00:27:54.787: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.787: ISAKMP (0:4): Checking ISAKMP transform 11 against
                                priority 20 policy
*Mar 1 00:27:54.787: ISAKMP:      encryption AES-CBC
*Mar 1 00:27:54.787: ISAKMP:      hash SHA
*Mar 1 00:27:54.791: ISAKMP:      default group 2
*Mar 1 00:27:54.791: ISAKMP:      auth pre-share
*Mar 1 00:27:54.791: ISAKMP:      life type in seconds
*Mar 1 00:27:54.791: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.791: ISAKMP:      keylength of 128
*Mar 1 00:27:54.791: ISAKMP (0:4): Encryption algorithm offered does not
                                match policy!
*Mar 1 00:27:54.791: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.791: ISAKMP (0:4): Checking ISAKMP transform 12 against
                                priority 20 policy
*Mar 1 00:27:54.791: ISAKMP:      encryption AES-CBC
*Mar 1 00:27:54.791: ISAKMP:      hash MD5
*Mar 1 00:27:54.791: ISAKMP:      default group 2
*Mar 1 00:27:54.795: ISAKMP:      auth pre-share
*Mar 1 00:27:54.795: ISAKMP:      life type in seconds
*Mar 1 00:27:54.795: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.795: ISAKMP:      keylength of 128
*Mar 1 00:27:54.795: ISAKMP (0:4): Encryption algorithm offered does not
                                match policy!
*Mar 1 00:27:54.795: ISAKMP (0:4): atts are not acceptable. Next payload
                                7:54.795: ISAKMP:      hash SHA is 3
*Mar 1 00:27:54.795: ISAKMP (0:4): Checking ISAKMP transform 13 against
                                priority 20 policy
*Mar 1 00:27:54.795: ISAKMP:      encryption 3DES-CBC
*Mar 1 00:2
*Mar 1 00:27:54.795: ISAKMP:      default group 2
*Mar 1 00:27:54.795: ISAKMP:      auth XAUTHInitPreShared
*Mar 1 00:27:54.799: ISAKMP:      life type in seconds
*Mar 1 00:27:54.799: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.799: ISAKMP (0:4): Hash algorithm offered does not match policy!
*Mar 1 00:27:54.799: ISAKMP (0:4): atts are not acceptable. Next payload is 3
*Mar 1 00:27:54.799: ISAKMP (0:4): Checking ISAKMP transform 14 against
                                priority 20 policy
*Mar 1 00:27:54.799: ISAKMP:      encryption 3DES-CBC
*Mar 1 00:27:54.799: ISAKMP:      hash MD5
*Mar 1 00:27:54.799: ISAKMP:      default group 2
*Mar 1 00:27:54.799: ISAKMP:      auth XAUTHInitPreShared
*Mar 1 00:27:54.799: ISAKMP:      life type in seconds
*Mar 1 00:27:54.803: ISAKMP:      life duration (VPI) of  0x0 0x20 0xC4 0x9B
*Mar 1 00:27:54.803: ISAKMP (0:4): atts are acceptable. Next payload is 3
*Mar 1 00:27:55.015: ISAKMP (0:4): processing KE payload. message ID = 0
*Mar 1 00:27:55.287: ISAKMP (0:4): processing NONCE payload. message ID = 0
*Mar 1 00:27:55.287: ISAKMP (0:4): vendor ID is NAT-T v2
*Mar 1 00:27:55.287: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER, IKE_AM_EXCH
*Mar 1 00:27:55.291: ISAKMP (0:4): Old State = IKE_READY  New State =
                                IKE_R_AM_AAA_AWAIT

*Mar 1 00:27:55.291: ISAKMP: got callback 1
*Mar 1 00:27:55.295: ISAKMP (0:4): SKEYID state generated
*Mar 1 00:27:55.299: ISAKMP (0:4): constructed NAT-T vendor-02 ID
*Mar 1 00:27:55.299: ISAKMP (0:4): SA is doing pre-shared key authentication
                                plus XAUTH using id type ID_IPV4_ADDR
*Mar 1 00:27:55.299: ISAKMP (4): ID payload
                                next-payload : 10
                                type          : 1

```



```

addr          : 172.16.142.191
protocol      : 17
port          : 0
length       : 8
*Mar 1 00:27:55.299: ISAKMP (4): Total payload length: 12
*Mar 1 00:27:55.303: ISAKMP (0:4): constructed HIS NAT-D
*Mar 1 00:27:55.303: ISAKMP (0:4): constructed MINE NAT-D
*Mar 1 00:27:55.303: ISAKMP (0:4): sending packet to 171.69.89.82
                               my_port 500 peer_port 500 (R) AG_INIT_EXCH
*Mar 1 00:27:55.303: ISAKMP (0:4): Input = IKE_MSG_FROM_AAA,
                               PRESHARED_KEY_REPLY
*Mar 1 00:27:55.303: ISAKMP (0:4): Old State = IKE_R_AM_AAA_AWAIT
                               New State = IKE_R_AM2

*Mar 1 00:27:55.391: ISAKMP (0:4): received packet from 171.69.89.82
                               dport 4500 sport 4500 Global (R) AG_INIT_EXCH
*Mar 1 00:27:55.395: ISAKMP (0:4): processing HASH payload. message ID = 0
*Mar 1 00:27:55.395: ISAKMP (0:4): processing NOTIFY INITIAL_CONTACT protocol 1
                               spi 0, message ID = 0, sa = 82443410
*Mar 1 00:27:55.399: ISAKMP (0:4): Process initial contact,
bring down existing phase 1 and 2 SA's with local 172.16.142.191
                               remote 171.69.89.82 remote port 4500
*Mar 1 00:27:55.399: ISAKMP (0:4): returning IP addr to the address pool
*Mar 1 00:27:55.399: ISAKMP:received payload type 17
*Mar 1 00:27:55.399: ISAKMP (0:4): Detected NAT-D payload
*Mar 1 00:27:55.399: ISAKMP (0:4): recalc my hash for NAT-D
*Mar 1 00:27:55.399: ISAKMP (0:4): NAT match MINE hash
*Mar 1 00:27:55.399: ISAKMP:received payload type 17
*Mar 1 00:27:55.399: ISAKMP (0:4): Detected NAT-D payload
*Mar 1 00:27:55.399: ISAKMP (0:4): recalc his hash for NAT-D
*Mar 1 00:27:55.403: ISAKMP (0:4): NAT does not match HIS hash
*Mar 1 00:27:55.403: hash received: 93 31 EB 5E 30 E2 A0 C4 D3 6F 3E B1 B7
                               F AE C3
*Mar 1 00:27:55.403: his nat hash : 14 64 77 EC E8 DC 78 B9 F9 DC 2B 46
                               CB E8 1D 4
*Mar 1 00:27:55.403: ISAKMP (0:4): SA has been authenticated with 171.69.89.82
*Mar 1 00:27:55.407: ISAKMP (0:4): Detected port floating to port = 4500
*Mar 1 00:27:55.407: ISAKMP: Trying to insert a peer 171.69.89.82/4500/,
                               and inserted successfully.
*Mar 1 00:27:55.407: ISAKMP (0:4): IKE_DPD is enabled, initializing timers
*Mar 1 00:27:55.407: ISAKMP: set new node 772423690 to CONF_XAUTH
*Mar 1 00:27:55.411: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
                               4500 peer_port 4500 (R) QM_IDLE
*Mar 1 00:27:55.411: ISAKMP (0:4): purging node 772423690
*Mar 1 00:27:55.411: ISAKMP: Sending phase 1 responder lifetime 86400

*Mar 1 00:27:55.411: ISAKMP (0:4): peer matches *none* of the profiles
*Mar 1 00:27:55.411: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER, IKE_AM_EXCH
*Mar 1 00:27:55.411: ISAKMP (0:4): Old State = IKE_R_AM2 New State =
                               IKE_P1_COMPLETE

*Mar 1 00:27:55.415: IPSEC(key_engine): got a queue event...
*Mar 1 00:27:55.415: ISAKMP (0:4): Need XAUTH
*Mar 1 00:27:55.415: ISAKMP (0:4): Input = IKE_MSG_INTERNAL,
                               IKE_PHASE1_COMPLETE
*Mar 1 00:27:55.415: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
                               New State = IKE_XAUTH_AAA_START_LOGIN_AWAIT

*Mar 1 00:27:55.419: ISAKMP: got callback 1
*Mar 1 00:27:55.419: ISAKMP: set new node -266369278 to CONF_XAUTH
*Mar 1 00:27:55.419: ISAKMP/xauth: request attribute XAUTH_USER_NAME_V2
*Mar 1 00:27:55.419: ISAKMP/xauth: request attribute XAUTH_USER_PASSWORD_V2
*Mar 1 00:27:55.419: ISAKMP (0:4): initiating peer config to 171.69.89.82.
                               ID = -266369278

```

*Mar 1 00:27:55.423: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
4500 peer_port 4500 (R) CONF_XAUTH

*Mar 1 00:27:55.423: ISAKMP (0:4): Input = IKE_MESG_FROM_AAA,
IKE_AAA_START_LOGIN

*Mar 1 00:27:55.423: ISAKMP (0:4): Old State = IKE_XAUTH_AAA_START_LOGIN_AWAIT
New State = IKE_XAUTH_REQ_SENT

*Mar 1 00:27:55.959: ISAKMP (0:3): purging node 1153289263

*Mar 1 00:28:00.423: ISAKMP (0:4): retransmitting phase 2 CONF_XAUTH
-266369278 ...

*Mar 1 00:28:00.423: ISAKMP (0:4): incrementing error counter on sa:
retransmit phase 2

*Mar 1 00:28:00.423: ISAKMP (0:4): incrementing error counter on sa:
retransmit phase 2

*Mar 1 00:28:00.423: ISAKMP (0:4): retransmitting phase 2 -266369278 CONF_XAUTH

*Mar 1 00:28:00.423: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
4500 peer_port 4500 (R) CONF_XAUTH

*Mar 1 00:28:02.635: ISAKMP (0:4): received packet from 171.69.89.82 dport
4500 sport 4500 Global (R) CONF_XAUTH

*Mar 1 00:28:02.635: ISAKMP (0:4): processing transaction payload from
171.69.89.82. message ID = -266369278

*Mar 1 00:28:02.639: ISAKMP: Config payload REPLY

*Mar 1 00:28:02.639: ISAKMP/xauth: reply attribute XAUTH_USER_NAME_V2

*Mar 1 00:28:02.639: ISAKMP/xauth: reply attribute XAUTH_USER_PASSWORD_V2

*Mar 1 00:28:02.639: ISAKMP (0:4): deleting node -266369278 error FALSE
reason "done with xauth request/reply exchange"

*Mar 1 00:28:02.639: ISAKMP (0:4): Input = IKE_MESG_FROM_PEER, IKE_CFG_REPLY

*Mar 1 00:28:02.639: ISAKMP (0:4): Old State = IKE_XAUTH_REQ_SENT
New State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT

*Mar 1 00:28:02.643: ISAKMP: got callback 1

*Mar 1 00:28:02.643: ISAKMP: set new node -1548124746 to CONF_XAUTH

*Mar 1 00:28:02.643: ISAKMP (0:4): initiating peer config to 171.69.89.82.
ID = -1548124746

*Mar 1 00:28:02.647: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
4500 peer_port 4500 (R) CONF_XAUTH

*Mar 1 00:28:02.647: ISAKMP (0:4): Input = IKE_MESG_FROM_AAA,
IKE_AAA_CONT_LOGIN

*Mar 1 00:28:02.647: ISAKMP (0:4): Old State = IKE_XAUTH_AAA_CONT_LOGIN_AWAIT
New State = IKE_XAUTH_SET_SENT

*Mar 1 00:28:02.663: ISAKMP (0:4): received packet from 171.69.89.82 dport
4500 sport 4500 Global (R) CONF_XAUTH

*Mar 1 00:28:02.663: ISAKMP (0:4): processing transaction payload from
171.69.89.82. message ID = -1548124746

*Mar 1 00:28:02.663: ISAKMP: Config payload ACK

*Mar 1 00:28:02.663: ISAKMP (0:4): XAUTH ACK Processed

*Mar 1 00:28:02.667: ISAKMP (0:4): deleting node -1548124746 error FALSE
reason "done with transaction"

*Mar 1 00:28:02.667: ISAKMP (0:4): Input = IKE_MESG_FROM_PEER, IKE_CFG_ACK

*Mar 1 00:28:02.667: ISAKMP (0:4): Old State = IKE_XAUTH_SET_SENT
New State = IKE_P1_COMPLETE

*Mar 1 00:28:02.667: ISAKMP (0:4): Input = IKE_MESG_INTERNAL,
IKE_PHASE1_COMPLETE

*Mar 1 00:28:02.667: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
New State = IKE_P1_COMPLETE

*Mar 1 00:28:02.675: ISAKMP (0:4): received packet from 171.69.89.82
dport 4500 sport 4500 Global (R) QM_IDLE

*Mar 1 00:28:02.675: ISAKMP: set new node 1973520613 to QM_IDLE

*Mar 1 00:28:02.679: ISAKMP (0:4): processing transaction payload from
171.69.89.82. message ID = 1973520613

*Mar 1 00:28:02.679: ISAKMP: Config payload REQUEST

```

*Mar 1 00:28:02.679: ISAKMP (0:4): checking request:
*Mar 1 00:28:02.679: ISAKMP: IP4_ADDRESS
*Mar 1 00:28:02.679: ISAKMP: IP4_NETMASK
*Mar 1 00:28:02.679: ISAKMP: IP4_DNS
*Mar 1 00:28:02.683: ISAKMP: IP4_NBNS
*Mar 1 00:28:02.683: ISAKMP: ADDRESS_EXPIRY
*Mar 1 00:28:02.683: ISAKMP: APPLICATION_VERSION
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7000
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7001
*Mar 1 00:28:02.683: ISAKMP: DEFAULT_DOMAIN
*Mar 1 00:28:02.683: ISAKMP: SPLIT_INCLUDE
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7003
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7007
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7008
*Mar 1 00:28:02.683: ISAKMP: UNKNOWN Unknown Attr: 0x7009
*Mar 1 00:28:02.687: ISAKMP: UNKNOWN Unknown Attr: 0x700A
*Mar 1 00:28:02.687: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER,
      IKE_CFG_REQUEST
*Mar 1 00:28:02.687: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
      New State = IKE_CONFIG_AUTHOR_AAA_AWAIT

*Mar 1 00:28:02.691: ISAKMP: got callback 1
*Mar 1 00:28:02.695: ISAKMP (0:4): attributes sent in message:
*Mar 1 00:28:02.695: Address: 0.2.0.0
*Mar 1 00:28:02.695: ISAKMP (0:4): allocating address 192.168.1.3
*Mar 1 00:28:02.695: ISAKMP: Sending private address: 192.168.1.3
*Mar 1 00:28:02.695: ISAKMP: Sending ADDRESS_EXPIRY seconds left to
      use the address: 86392
*Mar 1 00:28:02.695: ISAKMP: Sending APPLICATION_VERSION string:
      Cisco Internetwork Operating System Software
IOS (tm) C2600 Software (C2600-IK903S3-M), Version 12.2(13.7)T1,
      MAINTENANCE INTERIM SOFTWARE
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2002 by cisco Systems, Inc.
Compiled Sat 21-Dec-02 14:10 by ccai
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7000)
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7001)
*Mar 1 00:28:02.699: ISAKMP: Sending split include name 120 network
      10.100.100.0 mask 255.255.255.0 protocol 0,
      src port 0, dst port 0

*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7003)
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7007)
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7008)
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x7009)
*Mar 1 00:28:02.699: ISAKMP (0/4): Unknown Attr: UNKNOWN (0x700A)
*Mar 1 00:28:02.703: ISAKMP (0:4): responding to peer config from
      171.69.89.82. ID = 1973520613
*Mar 1 00:28:02.703: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
      4500 peer_port 4500 (R) CONF_ADDR
*Mar 1 00:28:02.707: ISAKMP (0:4): deleting node 1973520613 error FALSE
      reason ""
*Mar 1 00:28:02.707: ISAKMP (0:4): Input = IKE_MSG_FROM_AAA,
      IKE_AAA_GROUP_ATTR
*Mar 1 00:28:02.707: ISAKMP (0:4): Old State = IKE_CONFIG_AUTHOR_AAA_AWAIT
      New State = IKE_P1_COMPLETE

*Mar 1 00:28:02.775: ISAKMP (0:4): received packet from 171.69.89.82
      dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:02.775: ISAKMP: set new node 1783469429 to QM_IDLE
*Mar 1 00:28:02.787: ISAKMP (0:4): processing HASH payload. message
      ID = 1783469429
*Mar 1 00:28:02.787: ISAKMP (0:4): processing SA payload. message
      ID = 1783469429

```

```

*Mar 1 00:28:02.787: ISAKMP (0:4): Checking IPsec proposal 1
*Mar 1 00:28:02.787: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.787: ISAKMP: attributes in transform:
*Mar 1 00:28:02.787: ISAKMP: authenticator is HMAC-MD5
*Mar 1 00:28:02.787: ISAKMP: encaps is 61443
*Mar 1 00:28:02.791: ISAKMP: key length is 256
*Mar 1 00:28:02.791: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.791: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:28:02.791: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.791: ISAKMP (0:4): Checking IPsec proposal 1
*Mar 1 00:28:02.791: ISAKMP (0:4): transform 1, IPsec LZS
*Mar 1 00:28:02.791: ISAKMP: attributes in transform:
*Mar 1 00:28:02.791: ISAKMP: encaps is 61443
*Mar 1 00:28:02.795: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.795: ISAKMP: SA life duration (VPI) of 0x0 0x20 0xC4 0x9B
*Mar 1 00:28:02.795: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.795: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x400
*Mar 1 00:28:02.799: IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.799: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.799: IPSEC(validate_transform_proposal): no IPSEC cryptomap
exists for local address 172.16.142.191
*Mar 1 00:28:02.799: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.803: ISAKMP (0:4): Checking IPsec proposal 2
*Mar 1 00:28:02.803: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.803: ISAKMP: attributes in transform:
*Mar 1 00:28:02.803: ISAKMP: authenticator is HMAC-SHA
*Mar 1 00:28:02.803: ISAKMP: encaps is 61443
*Mar 1 00:28:02.803: ISAKMP: key length is 256
*Mar 1 00:28:02.803: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.803: ISAKMP: SA life duration (VPI) of 0x0
0x20 0xC4 0x9B
*Mar 1 00:28:02.803: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.807: ISAKMP (0:4): Checking IPsec proposal 2
*Mar 1 00:28:02.807: ISAKMP (0:4): transform 1, IPsec LZS
*Mar 1 00:28:02.807: ISAKMP: attributes in transform:
*Mar 1 00:28:02.807: ISAKMP: encaps is 61443
*Mar 1 00:28:02.807: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.807: ISAKMP: SA life duration (VPI) of 0x0
0x20 0xC4 0x9B
*Mar 1 00:28:02.807: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.807: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x400
*Mar 1 00:28:02.811: IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,

```

```

lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.815: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.815: IPSEC(validate_transform_proposal): no IPSEC
        cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.815: ISAKMP (0:4): IPSec policy invalidated proposal
*Mar 1 00:28:02.815: ISAKMP (0:4): Checking IPSec proposal 3
*Mar 1 00:28:02.815: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.815: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.815: ISAKMP:     authenticator is HMAC-MD5
*Mar 1 00:28:02.815: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.815: ISAKMP:     key length is 128
*Mar 1 00:28:02.819: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.819: ISAKMP:     SA life duration (VPI) of   0x0 0x20
        0xC4 0x9B
*Mar 1 00:28:02.819: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.819: ISAKMP (0:4): Checking IPSec proposal 3
*Mar 1 00:28:02.819: ISAKMP (0:4): transform 1, IPSPCP LZS
*Mar 1 00:28:02.819: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.819: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.819: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.823: ISAKMP:     SA life duration (VPI) of   0x0 0x20
        0xC4 0x9B
*Mar 1 00:28:02.823: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.823: IPSEC(validate_proposal_request): proposal part #1,
        (key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
        local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
        remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
        protocol= ESP, transform= esp-aes esp-md5-hmac ,
        lifedur= 0s and 0kb,
        spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x400
*Mar 1 00:28:02.827: IPSEC(validate_proposal_request): proposal part #2,
        (key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
        local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
        remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
        protocol= PCP, transform= comp-lzs ,
        lifedur= 0s and 0kb,
        spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.827: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.827: IPSEC(validate_transform_proposal): no IPSEC
        cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.827: ISAKMP (0:4): IPSec policy invalidated proposal
*Mar 1 00:28:02.831: ISAKMP (0:4): Checking IPSec proposal 4
*Mar 1 00:28:02.831: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.831: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.831: ISAKMP:     authenticator is HMAC-SHA
*Mar 1 00:28:02.831: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.831: ISAKMP:     key length is 128
*Mar 1 00:28:02.831: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.831: ISAKMP:     SA life duration (VPI) of   0x0
        0x20 0xC4 0x9B
*Mar 1 00:28:02.831: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.835: ISAKMP (0:4): Checking IPSec proposal 4
*Mar 1 00:28:02.835: ISAKMP (0:4): transform 1, IPSPCP LZS
*Mar 1 00:28:02.835: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.835: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.835: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.835: ISAKMP:     SA life duration (VPI) of   0x0 0x20
        0xC4 0x9B
*Mar 1 00:28:02.835: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.835: IPSEC(validate_proposal_request): proposal part #1,
        (key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
        local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
        remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),

```

```

protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x400
*Mar 1 00:28:02.839: IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.843: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.843: IPSEC(validate_transform_proposal): no IPSEC
cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.843: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.843: ISAKMP (0:4): Checking IPsec proposal 5
*Mar 1 00:28:02.843: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.843: ISAKMP: attributes in transform:
*Mar 1 00:28:02.843: ISAKMP: authenticator is HMAC-MD5
*Mar 1 00:28:02.843: ISAKMP: encaps is 61443
*Mar 1 00:28:02.843: ISAKMP: key length is 256
*Mar 1 00:28:02.847: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.847: ISAKMP: SA life duration (VPI) of 0x0
0x20 0xC4 0x9B
*Mar 1 00:28:02.847: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.847: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x400
*Mar 1 00:28:02.851: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.851: IPSEC(validate_transform_proposal): no IPSEC
cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.851: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.851: ISAKMP (0:4): Checking IPsec proposal 6
*Mar 1 00:28:02.851: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.851: ISAKMP: attributes in transform:
*Mar 1 00:28:02.851: ISAKMP: authenticator is HMAC-SHA
*Mar 1 00:28:02.855: ISAKMP: encaps is 61443
*Mar 1 00:28:02.855: ISAKMP: key length is 256
*Mar 1 00:28:02.855: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.855: ISAKMP: SA life duration (VPI) of 0x0
0x20 0xC4 0x9B
*Mar 1 00:28:02.855: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.855: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes 256 esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 256, flags= 0x400
*Mar 1 00:28:02.859: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.859: IPSEC(validate_transform_proposal): no IPSEC
cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.859: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.859: ISAKMP (0:4): Checking IPsec proposal 7
*Mar 1 00:28:02.859: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.863: ISAKMP: attributes in transform:
*Mar 1 00:28:02.863: ISAKMP: authenticator is HMAC-MD5
*Mar 1 00:28:02.863: ISAKMP: encaps is 61443
*Mar 1 00:28:02.863: ISAKMP: key length is 128
*Mar 1 00:28:02.863: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.863: ISAKMP: SA life duration (VPI) of 0x0 0x20

```

0xC4 0x9B

```
*Mar 1 00:28:02.863: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.863: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x400
*Mar 1 00:28:02.867: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.867: IPSEC(validate_transform_proposal): no IPSEC
cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.867: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.867: ISAKMP (0:4): Checking IPsec proposal 8
*Mar 1 00:28:02.871: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:02.871: ISAKMP: attributes in transform:
*Mar 1 00:28:02.871: ISAKMP: authenticator is HMAC-SHA
*Mar 1 00:28:02.871: ISAKMP: encaps is 61443
*Mar 1 00:28:02.871: ISAKMP: key length is 128
*Mar 1 00:28:02.871: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.871: ISAKMP: SA life duration (VPI) of 0x0
0x20 0xC4 0x9B
*Mar 1 00:28:02.871: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.875: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-aes esp-sha-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 128, flags= 0x400
*Mar 1 00:28:02.875: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.875: IPSEC(validate_transform_proposal): no IPSEC
cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.879: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.879: ISAKMP (0:4): Checking IPsec proposal 9
*Mar 1 00:28:02.879: ISAKMP: transform 1, ESP_3DES
*Mar 1 00:28:02.879: ISAKMP: attributes in transform:
*Mar 1 00:28:02.879: ISAKMP: authenticator is HMAC-MD5
*Mar 1 00:28:02.879: ISAKMP: encaps is 61443
*Mar 1 00:28:02.879: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.879: ISAKMP: SA life duration (VPI) of 0x0 0x20
0xC4 0x9B
*Mar 1 00:28:02.879: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.883: ISAKMP (0:4): Checking IPsec proposal 9
*Mar 1 00:28:02.883: ISAKMP (0:4): transform 1, IPPCP LZS
*Mar 1 00:28:02.883: ISAKMP: attributes in transform:
*Mar 1 00:28:02.883: ISAKMP: encaps is 61443
*Mar 1 00:28:02.883: ISAKMP: SA life type in seconds
*Mar 1 00:28:02.883: ISAKMP: SA life duration (VPI) of 0x0 0x20
0xC4 0x9B
*Mar 1 00:28:02.883: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.883: IPSEC(validate_proposal_request): proposal part #1,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= ESP, transform= esp-3des esp-md5-hmac ,
lifedur= 0s and 0kb,
spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.887: IPSEC(validate_proposal_request): proposal part #2,
(key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
protocol= PCP, transform= comp-lzs ,
lifedur= 0s and 0kb,
```

```

spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.891: IPSEC(kei_proxy): head = test, map->ivrf = , kei->ivrf =
*Mar 1 00:28:02.891: IPSEC(validate_transform_proposal): no IPSEC
                    cryptomap exists for local address 172.16.142.191
*Mar 1 00:28:02.891: ISAKMP (0:4): IPsec policy invalidated proposal
*Mar 1 00:28:02.891: ISAKMP (0:4): Checking IPsec proposal 10
*Mar 1 00:28:02.891: ISAKMP: transform 1, ESP_3DES
*Mar 1 00:28:02.891: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.891: ISAKMP:     authenticator is HMAC-SHA
*Mar 1 00:28:02.891: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.891: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.891: ISAKMP:     SA life duration (VPI) of  0x0 0x20
                    0xC4 0x9B
*Mar 1 00:28:02.895: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.895: ISAKMP (0:4): Checking IPsec proposal 10
*Mar 1 00:28:02.895: ISAKMP (0:4): transform 1, IPPCP LZS
*Mar 1 00:28:02.895: ISAKMP:   attributes in transform:
*Mar 1 00:28:02.895: ISAKMP:     encaps is 61443
*Mar 1 00:28:02.895: ISAKMP:     SA life type in seconds
*Mar 1 00:28:02.895: ISAKMP:     SA life duration (VPI) of  0x0 0x20
                    0xC4 0x9B
*Mar 1 00:28:02.899: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:02.899: IPSEC(validate_proposal_request): proposal part #1,
                    (key eng. msg.) INBOUND local= 172.16.142.191, remote= 171.69.89.82,
                    local_proxy= 172.16.142.191/255.255.255.255/0/0 (type=1),
                    remote_proxy= 192.168.1.3/255.255.255.255/0/0 (type=1),
                    protocol= ESP, transform= esp-3des esp-sha-hmac ,
                    lifedur= 0s and 0kb,
                    spi= 0x0(0), conn_id= 0, keysize= 0, flags= 0x400
*Mar 1 00:28:02.899: IPSEC(validate_proposal_request): proposal part #2
*Mar 1 00:28:02.923: ISAKMP (0:4): asking for 1 spis from ipsec
*Mar 1 00:28:02.923: ISAKMP (0:4): Node 1783469429, Input =
                    IKE_MSG_FROM_PEER, IKE_QM_EXCH
*Mar 1 00:28:02.923: ISAKMP (0:4): Old State = IKE_QM_READY  New State =
                    IKE_QM_SPI_STARVE
*Mar 1 00:28:02.923: IPSEC(key_engine): got a queue event...
*Mar 1 00:28:02.923: IPSEC(spi_response): getting spi 514603422 for SA
                    from 172.16.142.191 to 171.69.89.82 for prot 3
*Mar 1 00:28:02.927: ISAKMP: received ke message (2/1)
*Mar 1 00:28:03.175: ISAKMP (0:4): sending packet to 171.69.89.82 my_port
                    4500 peer_port 4500 (R) QM_IDLE
*Mar 1 00:28:03.179: ISAKMP (0:4): Node 1783469429, Input =
                    IKE_MSG_FROM_IPSEC, IKE_SPI_REPLY
*Mar 1 00:28:03.179: ISAKMP (0:4): Old State = IKE_QM_SPI_STARVE
                    New State = IKE_QM_R_QM2
*Mar 1 00:28:03.239: ISAKMP (0:4): received packet from 171.69.89.82
                    dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:03.247: ISAKMP: Locking peer struct 0x82C88D44, IPSEC
                    refcount 1 for for stuff_ke
*Mar 1 00:28:03.247: ISAKMP (0:4): Creating IPsec SAs
*Mar 1 00:28:03.251:   inbound SA from 171.69.89.82 to 172.16.142.191
                    (f/i) 0/ 0
                    (proxy 192.168.1.3 to 172.16.142.191)
*Mar 1 00:28:03.251:   has spi 0x1EAC399E and conn_id 2000 and
                    flags 400
*Mar 1 00:28:03.263: IPSEC(create_sa): sa created,
                    (sa) sa_dest= 171.69.89.82, sa_prot= 50,
                    sa_spi= 0x1CD14C06(483478534),
                    sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 2001
*Mar 1 00:28:06.675: ISAKMP (0:4): received packet from 171.69.89.82
                    dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:06.679: ISAKMP: set new node -2064779316 to QM_IDLE
*Mar 1 00:28:06.687: ISAKMP (0:4): processing HASH payload. message

```



```

                                ID = -2064779316
*Mar 1 00:28:06.687: ISAKMP (0:4): processing SA payload. message
                                ID = -2064779316
*Mar 1 00:28:06.687: ISAKMP (0:4): Checking IPsec proposal 1
*Mar 1 00:28:06.687: ISAKMP: transform 1, ESP_AES
*Mar 1 00:28:06.687: ISAKMP:   attributes in transform:
*Mar 1 00:28:06.691: ISAKMP:       authenticator is HMAC-MD5
*Mar 1 00:28:06.691: ISAKMP:       encaps is 61443
*Mar 1 00:28:06.691: ISAKMP:       key length is 256
*Mar 1 00:28:06.691: ISAKMP:       SA life type in seconds
*Mar 1 00:28:06.691: ISAKMP:       SA life duration (VPI) of  0x0 0x20
0xC4 0x9B
*Mar 1 00:28:06.691: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:06.691: ISAKMP (0:4): Checking IPsec proposal 1
*Mar 1 00:28:06.691: ISAKMP (0:4): transform 1, IPPCP LZS
*Mar 1 00:28:06.691: ISAKMP:   attributes in transform:
*Mar 1 00:28:06.695: ISAKMP:       encaps is 61443
*Mar 1 00:28:06.695: ISAKMP:       SA life type in seconds
*Mar 1 00:28:06.695: ISAKMP:       SA life duration (VPI) of  0x0 0x20
0xC4 0x9B
*Mar 1 00:28:06.695: ISAKMP (0:4): atts are acceptable.
*Mar 1 00:28:06.835: IPSEC(spi_response): getting spi 3561761534 for SA
    from 172.16.142.191 to 171.69.89.82 for prot 3
*Mar 1 00:28:06.835: ISAKMP: received ke message (2/1)
*Mar 1 00:28:07.127: ISAKMP (0:4): sending packet to 171.69.89.82
    my_port 4500 peer_port 4500 (R) QM_IDLE
*Mar 1 00:28:07.127: ISAKMP (0:4): Node -2064779316, Input =
    IKE_MSG_FROM_IPSEC, IKE_SPI_REPLY
*Mar 1 00:28:07.127: ISAKMP (0:4): Old State = IKE_QM_SPI_STARVE
    New State = IKE_QM_R_QM2
*Mar 1 00:28:07.143: ISAKMP (0:4): received packet from 171.69.89.82
    dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:07.151: ISAKMP: Locking peer struct 0x82C88D44, IPSEC
    refcount 2 for for stuff_ke
*Mar 1 00:28:07.151: ISAKMP (0:4): Creating IPsec SAs
*Mar 1 00:28:07.151:   inbound SA from 171.69.89.82 to
    172.16.142.191 (f/i) 0/ 0
    (proxy 192.168.1.3 to 10.100.100.0)
*Mar 1 00:28:07.151:   has spi 0xD44C2AFE and conn_id 2002
    and flags 400
*Mar 1 00:28:07.151:   lifetime of 2147483 seconds
*Mar 1 00:28:07.151:   has client flags 0x10
*Mar 1 00:28:07.151:   outbound SA from 172.16.142.191 to
    171.69.89.82 (f/i) 0/ 0 (proxy 10.100.100.0
    to 192.168.1.3 ),
    (sa) sa_dest= 171.69.89.82, sa_prot= 50,
    sa_spi= 0x9A12903F(2584907839),
    sa_trans= esp-3des esp-sha-hmac , sa_conn_id= 2003
*Mar 1 00:28:15.983: ISAKMP (0:3): purging node -457362469
*Mar 1 00:28:22.863: ISAKMP (0:4): received packet from 171.69.89.82
    dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:22.863: ISAKMP: set new node 442126453 to QM_IDLE
*Mar 1 00:28:22.867: ISAKMP (0:4): processing HASH payload. message
    ID = 442126453
*Mar 1 00:28:22.867: ISAKMP (0:4): processing NOTIFY unknown protocol 1
    spi 0, message ID = 442126453, sa = 82443410
*Mar 1 00:28:22.867: ISAKMP (0:4): deleting node 442126453 error
    FALSE reason "informational (in) state 1"
*Mar 1 00:28:22.867: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER,
    IKE_INFO_NOTIFY
*Mar 1 00:28:22.867: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
    New State = IKE_P1_COMPLETE
*Mar 1 00:28:28.643: ISAKMP (0:3): purging node -118562945

```

```

*Mar 1 00:28:28.651: ISAKMP (0:3): purging node 24622273
*Mar 1 00:28:28.659: ISAKMP (0:3): purging node -1276758667
*Mar 1 00:28:38.667: ISAKMP (0:3): purging SA., sa=8242A5AC,
      delme=8242A5AC
*Mar 1 00:28:38.667: ISAKMP (0:3): purging node 452292968
*Mar 1 00:28:38.667: ISAKMP (0:3): purging node 1331016929
*Mar 1 00:28:38.667: ISAKMP (0:3): returning address 192.168.1.2 to pool
*Mar 1 00:28:38.667: ISAKMP: Unlocking IKE struct 0x827CBB44 for
      declare_sa_dead(), count 0
*Mar 1 00:28:42.891: ISAKMP (0:4): received packet from 171.69.89.82
      dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:28:42.891: ISAKMP: set new node 505402511 to QM_IDLE
*Mar 1 00:28:42.895: ISAKMP (0:4): processing HASH payload. message
      ID = 505402511
*Mar 1 00:28:42.895: ISAKMP (0:4): processing NOTIFY unknown protocol 1
      spi 0, message ID = 505402511, sa = 82443410
*Mar 1 00:28:42.895: ISAKMP (0:4): deleting node 505402511 error
      FALSE reason "informational (in) state 1"
*Mar 1 00:28:42.895: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER,
      IKE_INFO_NOTIFY
*Mar 1 00:28:42.895: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
      New State = IKE_P1_COMPLETE

*Mar 1 00:28:52.707: ISAKMP (0:4): purging node 1973520613
*Mar 1 00:28:53.255: ISAKMP (0:4): purging node 1783469429
*Mar 1 00:28:57.155: ISAKMP (0:4): purging node -2064779316
*Mar 1 00:29:02.919: ISAKMP (0:4): received packet from 171.69.89.82
      dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:29:02.919: ISAKMP: set new node -526976638 to QM_IDLE
*Mar 1 00:29:02.923: ISAKMP (0:4): processing HASH payload.
      message ID = -526976638
*Mar 1 00:29:02.923: ISAKMP (0:4): processing NOTIFY unknown protocol 1
      spi 0, message ID = -526976638, sa = 82443410
*Mar 1 00:29:02.923: ISAKMP (0:4): deleting node -526976638 error
      FALSE reason "informational (in) state 1"
*Mar 1 00:29:02.923: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER,
      IKE_INFO_NOTIFY
*Mar 1 00:29:02.923: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
      New State = IKE_P1_COMPLETE

*Mar 1 00:29:12.867: ISAKMP (0:4): purging node 442126453
*Mar 1 00:29:22.951: ISAKMP (0:4): received packet from 171.69.89.82
      dport 4500 sport 4500 Global (R) QM_IDLE
*Mar 1 00:29:22.955: ISAKMP: set new node 1718060095 to QM_IDLE
*Mar 1 00:29:22.955: ISAKMP (0:4): processing HASH payload. message
      ID = 1718060095
*Mar 1 00:29:22.955: ISAKMP (0:4): processing NOTIFY unknown protocol 1
      spi 0, message ID = 1718060095, sa = 82443410
*Mar 1 00:29:22.955: ISAKMP (0:4): deleting node 1718060095 error
      FALSE reason "informational (in) state 1"
*Mar 1 00:29:22.959: ISAKMP (0:4): Input = IKE_MSG_FROM_PEER,
      IKE_INFO_NOTIFY
*Mar 1 00:29:22.959: ISAKMP (0:4): Old State = IKE_P1_COMPLETE
      New State = IKE_P1_COMPLETE

```

相关信息

- [Cisco VPN 客户端支持页](#)
- [IPsec 协商/IKE 协议](#)
- [技术支持和文档 - Cisco Systems](#)