IPSec بين إثنين من مركزات Cisco VPN 3000 مع شبكات خاصة متداخلة

المحتويات

المقدمة

يصف هذا المستند كيفية تكوين مركز Cisco VPN 3000 في شبكة VPN من موقع إلى موقع IPSec مع عناوين الشبكة المتداخلة خلف بوابات الشبكة الخاصة الظاهرية (VPN). تم إستخدام ميزة ترجمة عنوان الشبكة (NAT) المحسنة التي تم إدخالها في الإصدار 3.6 من مركز VPN 3000 في هذا المثال لترجمة الشبكات المتداخلة على كل جانب من نفق IPSec VPN لتغيير العناوين في النطاق غير المتداخل.

المتطلبات الأساسية

المتطلبات

قبل محاولة هذا التكوين، تأكد من استيفاء المتطلبات التالية:

- معرفة مركز Cisco VPN 3000
- معرفة IPSec VPN

المكونات المستخدمة

تستند المعلومات الواردة في هذا المستند إلى إصدارات البرامج والمكونات المادية التالية:

- Cisco VPN 3000 Concentrator، الإصدار 3.6 أو الأحدث

تم إنشاء المعلومات الواردة في هذا المستند من الأجهزة الموجودة في بيئة معملية خاصة. بدأت جميع الأجهزة المستخدمة في هذا المستند بتكوين ممسوح (افتراضي). إذا كانت شبكتك مباشرة، فتأكد من فهمك للتأثير المحتمل لأي أمر.

الرسم التخطيطي للشبكة

يستخدم هذا المستند إعداد الشبكة التالي:

تحتوي كل من الشبكة المحلية (LAN) الخاصة 1 والشبكة المحلية (LAN) الخاصة 2 على شبكة فرعية ل IP بقيمة 24/14.38.100.0. يحاكي هذا مساحة العنوان المتداخلة خلف كل جانب من نفق IPSec.

في هذا المثال، يقوم مركز الشبكة الخاصة الظاهرية (VPN) 3000 بتنفيذ ترجمة ثنائية الإتجاه ل NAT حتى يمكن للشبكات المحلية الظاهرية (LANs) الخاصة الاتصال عبر نفق IPSec. تعني الترجمة أن شبكة LAN الخاصة 1 "ترى" شبكة LAN الخاصة 2 على 24/14.38.200.0 من خلال نفق IPSec، وشبكة LAN الخاصة 2 "ترى" شبكة LAN الخاصة 1 على 24/14.38.80.0 من خلال نفق IPSec.

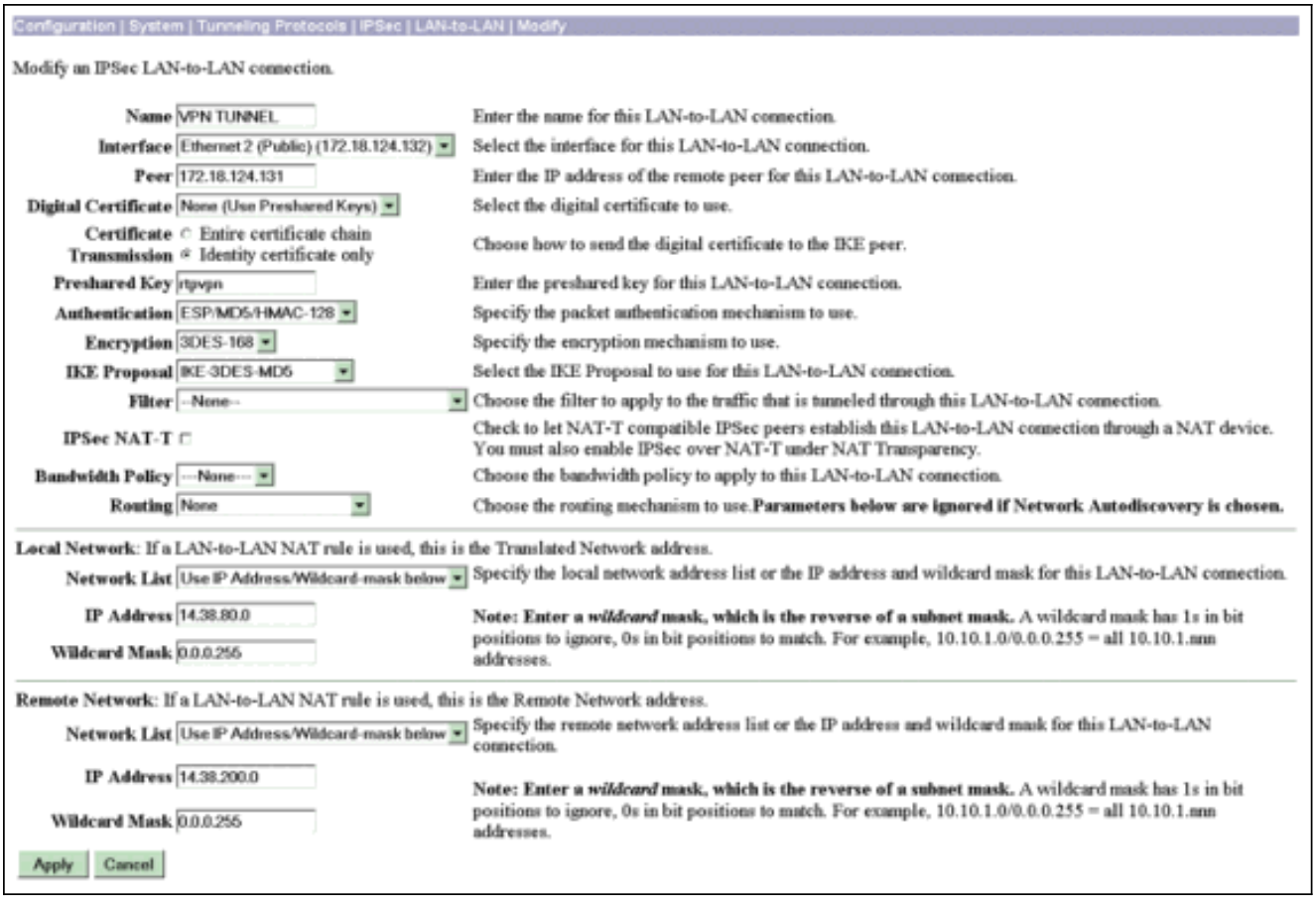
الاصطلاحات

للحصول على مزيد من المعلومات حول اصطلاحات المستندات، ارجع إلى اصطلاحات تلميحات Cisco التقنية.

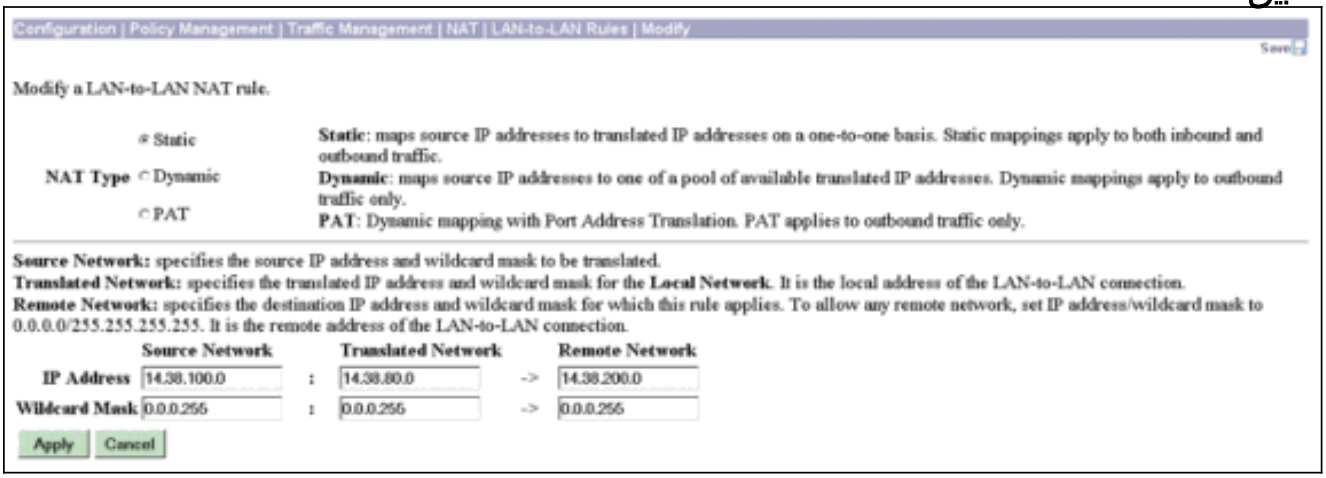
تكوين مركز VPN 3000 A

أستخدم الإجراء التالي لتكوين مركز VPN 3000 A.

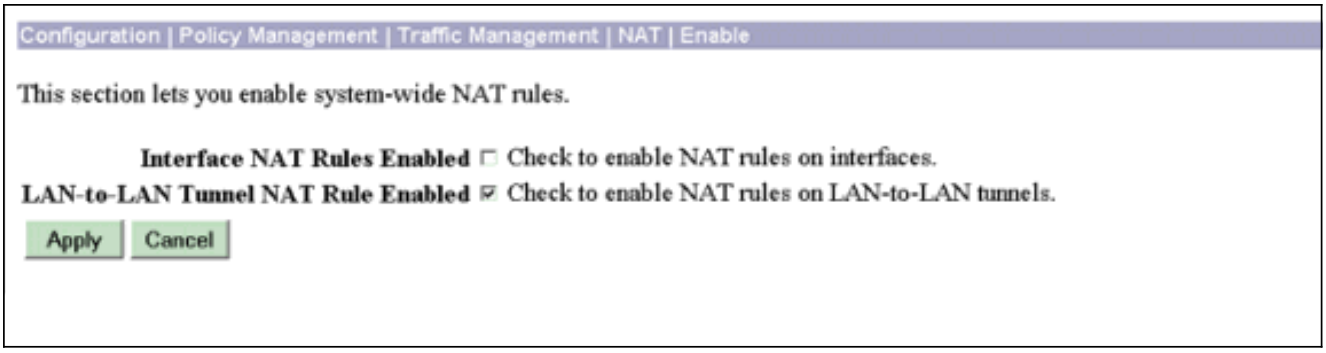
1. قم بتكوين اقتراحات جلسة عمل الشبكة المحلية (LAN) إلى الشبكة المحلية (LAN) والمعلمات الخاصة بغطاء شبكة VPN A تحت التكوين > النظام > بروتوكولات الاتصال النفقي>LAN إلى شبكة IPSec
تعديل.تحت الشبكة المحلية قسم، دخلت **24/14.38.80.0** في العنوان مجال.تحت قسم الشبكة البعيدة، أدخل **24/14.38.200.0** في حقل عنوان IP.انقر فوق **تطبيق** عند الانتهاء.



2. خلقت ال NAT ساكن إستاتيكي ل خاص 2 lan معد ل ل خاص 1 lan بالانتقال إلى تشكيل>إدارة سياسة>إدارة حركة مرور>**nat>lan إلى lan قاعدة**>يعدل.في صف عنوان IP، أدخل **24/14.38.100.0** في حقل الشبكة المصدر، **24/14.38.80.0** في حقل الشبكة المترجمة، **24/14.38.200.0** في حقل الشبكة البعيدة، وانقر فوق
تطبيق.



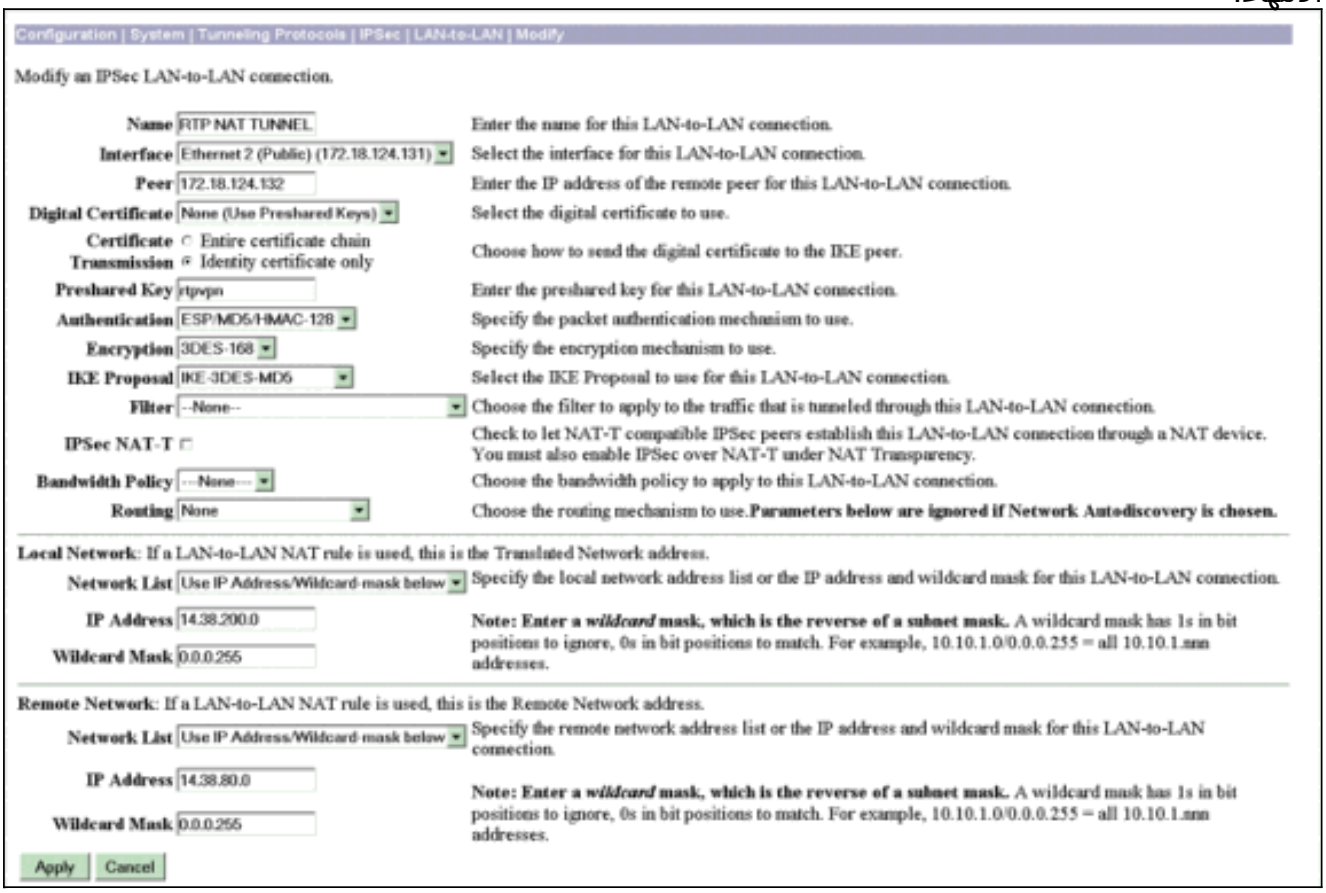
3. حدد تشكيل>إدارة السياسة>إدارة حركة مرور البيانات>**nat>تمكين** وحدد التحقق لتمكين قواعد NAT على أنفاق شبكة LAN إلى شبكة LAN. طقطقة
يطبق.



تكوين مركز VPN 3000 B من Cisco

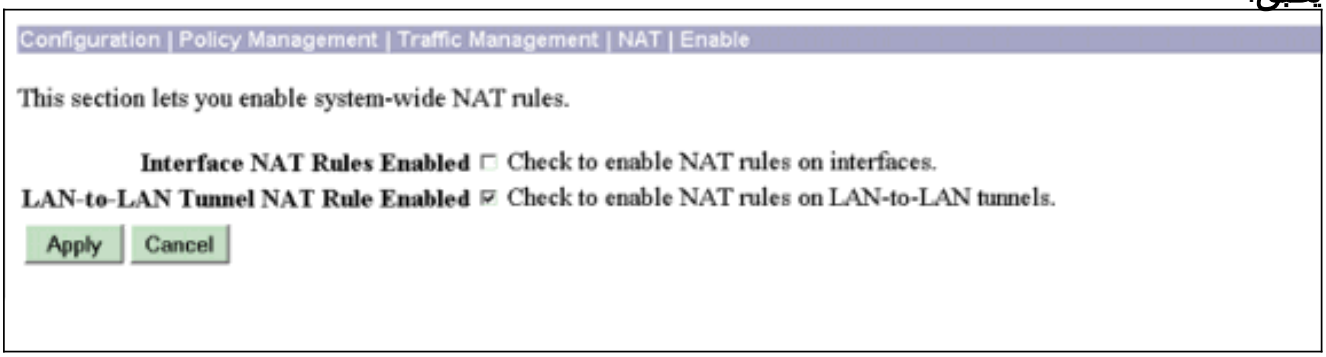
أستخدم الإجراء التالي لتكوين مركز VPN 3000 B من Cisco.

1. قم بتكوين مقترحات ومعلمات جلسات عمل شبكة LAN إلى شبكة LAN على مركز VPN (ب) من خلال تحديد التكوين > النظام > بروتوكولات الاتصال النفقي>IPSec>LAN إلى شبكة LAN>التعديل.تحت الشبكة المحلية قسم، دخلت 24/14.38.200.0 في العنوان مجال.تحت قسم الشبكة البعيدة، أدخل 24/14.38.80.0 في حقل عنوان IP.انقر فوق **تطبيق** عند الانتهاء.



2. خلقت ال NAT ساكن إستاتيكي ل خاص lan 1 معد ل ل خاص lan 2 ب تحديد تشكيل>إدارة سياسة>حركة مرور إدارة>lan إلى lan قاعدة>يعدل.في صف عنوان IP، أدخل 24/14.38.100.0 في حقل الشبكة المصدر، 24/14.38.200.0 في حقل الشبكة المترجمة، 24/14.38.80.0 في حقل الشبكة البعيدة، وانقر فوق **تطبيق**.

3. حدد تشكيل>إدارة السياسة>إدارة حركة مرور البيانات>nat>**تمكين** وحدد التحقق لتمكين قواعد NAT على أنفاق شبكة LAN إلى شبكة LAN. طقطقة **يطبق**.



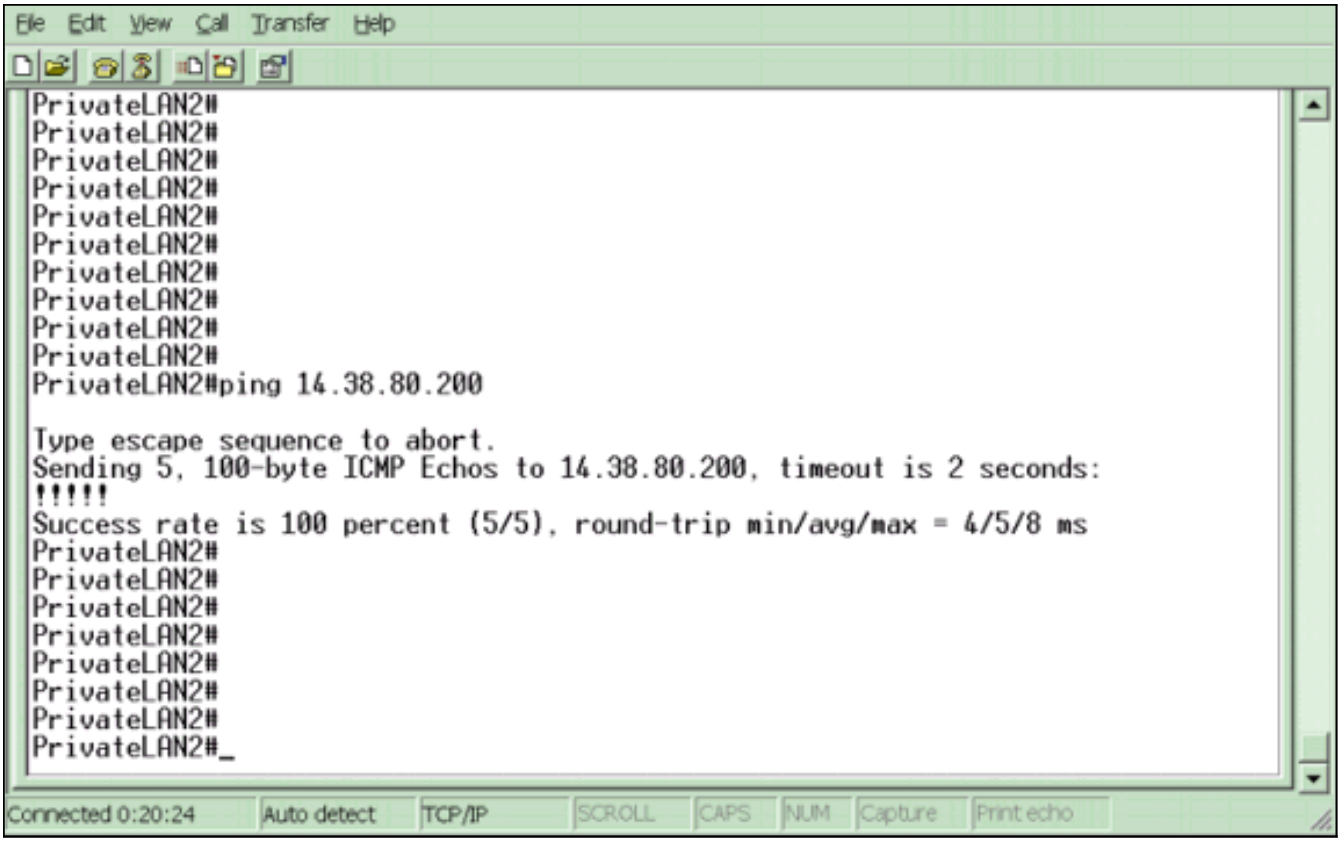
التحقق من الصحة

التحقق من تكوين مركز VPN 3000 C Concentrator A

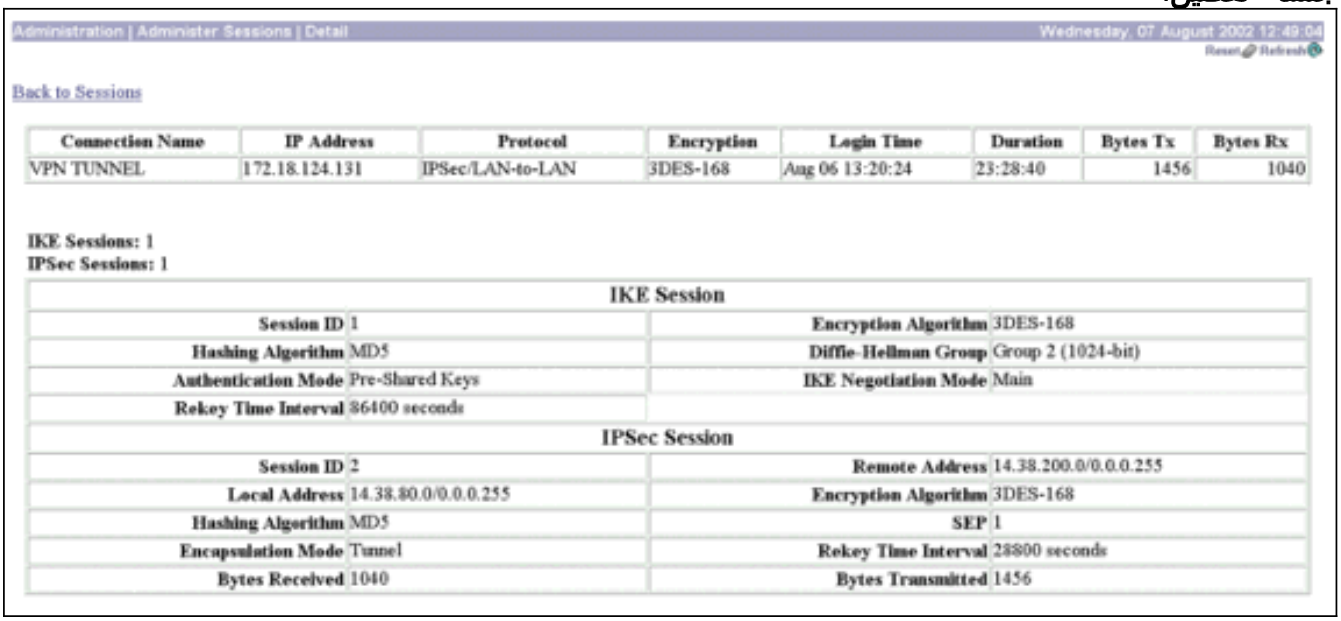
يوفر هذا القسم معلومات يمكنك إستخدامها للتأكد من أن التكوين يعمل بشكل صحيح.

يتم دعم بعض أوامر **العرض بواسطة** أداة مترجم الإخراج (العملاء المسجلون فقط)، والتي تتيح لك عرض تحليل إخراج أمر **العرض**.

- لبدء النفق، قم بإرسال إختبار اتصال من جهاز شبكة LAN الخاصة 2 (14.38.200.10) إلى عنوان IP على شبكة LAN الخاصة 1 (14.38.80.200).



- أكدت أن الإنترنت مفتاح (IKE Exchange) و IPSec جلسة عرض خاص lan 1 و خاص lan 2 مع nat ب ينتقي **إدارة>إدارة جلسة>تفصيل**.

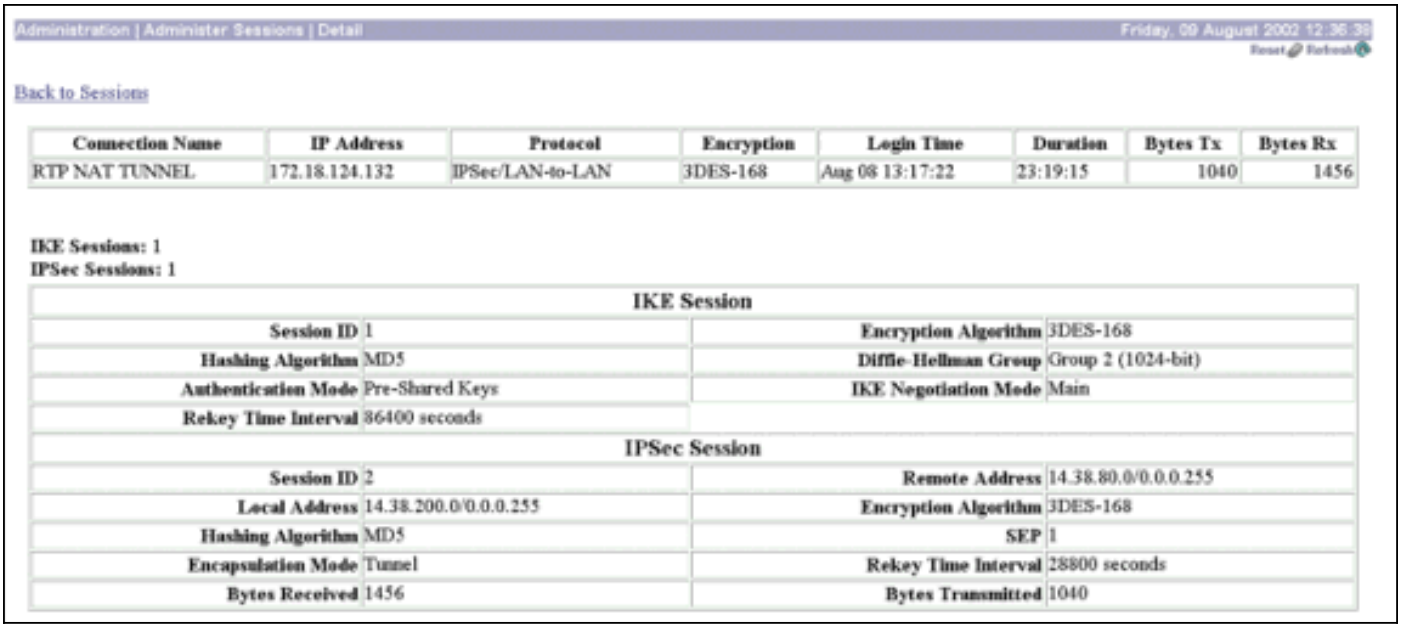


التحقق من تكوين مركز VPN 3000 Concentrator B

يوفر هذا القسم معلومات يمكنك إستخدامها للتأكد من أن التكوين يعمل بشكل صحيح. للحصول على معلومات حول إعداد السجلات ومراجعتها عند أستكشاف أخطاء الاتصال مع مركز VPN 3000 وإصلاحها، ارجع إلى أستكشاف أخطاء الاتصال وإصلاحها على مركز VPN 3000.

يتم دعم بعض أوامر **العرض بواسطة** أداة مترجم الإخراج (العملاء المسجلون فقط)، والتي تتيح لك عرض تحليل إخراج أمر **العرض**.

أكدت أن ال ike و IPSec يبدي جلسة الخاص lan 2 و خاص lan 1 مع ال nat ب ينتقي **إدارة>إدارة جلسة>تفصيل**.



Administration | Administer Sessions | Detail — Friday, 09 August 2002 12:36:39

Back to Sessions

Connection Name	IP Address	Protocol	Encryption	Login Time	Duration	Bytes Tx	Bytes Rx
RTP NAT TUNNEL	172.18.124.132	IPSec/LAN-to-LAN	3DES-168	Aug 08 13:17:22	23:19:15	1040	1456

IKE Sessions: 1
IPSec Sessions: 1

IKE Session			
Session ID	1	Encryption Algorithm	3DES-168
Hashing Algorithm	MD5	Diffie-Hellman Group	Group 2 (1024-bit)
Authentication Mode	Pre-Shared Keys	IKE Negotiation Mode	Main
Rekey Time Interval	86400 seconds		
IPSec Session			
Session ID	2	Remote Address	14.38.80.0/0.0.0.255
Local Address	14.38.200.0/0.0.0.255	Encryption Algorithm	3DES-168
Hashing Algorithm	MD5	SEP	1
Encapsulation Mode	Tunnel	Rekey Time Interval	28800 seconds
Bytes Received	1456	Bytes Transmitted	1040

استكشاف الأخطاء وإصلاحها

أستكشاف أخطاء تكوين مركز VPN 3000 وإصلاحها

على مركز الشبكة الخاصة الظاهرية (VPN)، قم بتشغيل التسجيل، حدد التكوين > **النظام** > **الأحداث** > **الفئات** > **التعديل**. تتوفر الخيارات التالية:

- آيك
- Ikedbg
- إيكيديكود
- IPSEC
- IPSECDBG
- إبسيديكوده
- الخطورة إلى السجل = 1-13
- الخطورة بالنسبة لوحدة التحكم = 1-3

يمكنك إسترداد سجل الأحداث من خلال تحديد **مراقبة** > **سجل الأحداث**.

للحصول على معلومات إضافية حول إعداد السجلات ومراجعتها عند أستكشاف أخطاء الاتصال مع مركز VPN 3000 وإصلاحها، ارجع إلى أستكشاف أخطاء الاتصال وإصلاحها على مركز VPN 3000.

```
SEV=8 IKEDBG/0 RPT=52040 172.18.124.132 13:14:22.690 08/09/2002 1
                                : RECEIVED Message (msgid=0) with payloads
        HDR + SA (1) + VENDOR (13) + NONE (0) ... total length : 108


SEV=9 IKEDBG/0 RPT=52041 172.18.124.132 13:14:22.690 08/09/2002 3
                                                processing SA payload


SEV=8 IKEDBG/0 RPT=52042 13:14:22.690 08/09/2002 4
  Proposal # 1, Transform # 1, Type ISAKMP, Id IKE
                                    :Parsing received transform
:Phase 1 failure against global IKE proposal # 1
    :Mismatched attr types for class Auth Method
                                        Rcv'd: Preshared Key
```

```
                    (Cfg'd: XAUTH with Preshared Key (Initiator authenticated

                SEV=7 IKEDBG/0 RPT=52043 172.18.124.132 13:14:22.690 08/09/2002 10
                                        Oakley proposal is acceptable

                  SEV=9 IKEDBG/47 RPT=28 172.18.124.132 13:14:22.690 08/09/2002 11
                                              processing VID payload

                  SEV=9 IKEDBG/49 RPT=24 172.18.124.132 13:14:22.690 08/09/2002 12
                                            Received Fragmentation VID

                    SEV=5 IKEDBG/64 RPT=6 172.18.124.132 13:14:22.690 08/09/2002 13
                             :IKE Peer included IKE fragmentation capability flags
                                                  Main Mode:        True
                                                  Aggressive Mode:  True

                SEV=9 IKEDBG/0 RPT=52044 172.18.124.132 13:14:22.690 08/09/2002 15
                                                      processing IKE SA

                                SEV=8 IKEDBG/0 RPT=52045 13:14:22.690 08/09/2002 16
                                   Proposal # 1, Transform # 1, Type ISAKMP, Id IKE
                                                :Parsing received transform
                                 :Phase 1 failure against global IKE proposal # 1
                                     :Mismatched attr types for class Auth Method
                                                    Rcv'd: Preshared Key
                    (Cfg'd: XAUTH with Preshared Key (Initiator authenticated

                    SEV=7 IKEDBG/28 RPT=5 172.18.124.132 13:14:22.690 08/09/2002 22
                                      IKE SA Proposal # 1, Transform # 1 acceptable
                                                Matches global IKE entry # 2

                SEV=9 IKEDBG/0 RPT=52046 172.18.124.132 13:14:22.690 08/09/2002 23
                                              constructing ISA_SA for isakmp

                  SEV=9 IKEDBG/46 RPT=26 172.18.124.132 13:14:22.690 08/09/2002 24
                    constructing Fragmentation VID + extended capabilities payload

                SEV=8 IKEDBG/0 RPT=52047 172.18.124.132 13:14:22.690 08/09/2002 25
                                       : SENDING Message (msgid=0) with payloads
                                HDR + SA (1) + VENDOR (13)  ... total length : 108

                SEV=8 IKEDBG/0 RPT=52048 172.18.124.132 13:14:22.700 08/09/2002 27
                                     : RECEIVED Message (msgid=0) with payloads
HDR + KE (4) + NONCE (10) + VENDOR (13) + VENDOR (13) + VENDOR (13) + VENDOR (13
                                              NONE (0) ... total length : 256 + (

                SEV=8 IKEDBG/0 RPT=52049 172.18.124.132 13:14:22.700 08/09/2002 30
                                     : RECEIVED Message (msgid=0) with payloads
HDR + KE (4) + NONCE (10) + VENDOR (13) + VENDOR (13) + VENDOR (13) + VENDOR (13
                                              NONE (0) ... total length : 256 + (

                SEV=9 IKEDBG/0 RPT=52050 172.18.124.132 13:14:22.700 08/09/2002 33
                                                      processing ke payload
```

```
SEV=9 IKEDBG/0 RPT=52051 172.18.124.132 13:14:22.700 08/09/2002 34
                                                    processing ISA_KE

  SEV=9 IKEDBG/1 RPT=83 172.18.124.132 13:14:22.700 08/09/2002 35
                                                 processing nonce payload

SEV=9 IKEDBG/47 RPT=29 172.18.124.132 13:14:22.700 08/09/2002 36
                                                   processing VID payload

SEV=9 IKEDBG/49 RPT=25 172.18.124.132 13:14:22.700 08/09/2002 37
                                          Received Cisco Unity client VID

SEV=9 IKEDBG/47 RPT=30 172.18.124.132 13:14:22.700 08/09/2002 38
                                                   processing VID payload

SEV=9 IKEDBG/49 RPT=26 172.18.124.132 13:14:22.700 08/09/2002 39
                                                    Received xauth V6 VID

SEV=9 IKEDBG/47 RPT=31 172.18.124.132 13:14:22.700 08/09/2002 40
                                                   processing VID payload

 SEV=9 IKEDBG/38 RPT=9 172.18.124.132 13:14:22.700 08/09/2002 41
Processing VPN 3000 spoofing IOS Vendor ID payload (version: 1.0.0, capabilities
                                                             (20000001 :

SEV=9 IKEDBG/47 RPT=32 172.18.124.132 13:14:22.700 08/09/2002 43
                                                   processing VID payload

SEV=9 IKEDBG/49 RPT=27 172.18.124.132 13:14:22.700 08/09/2002 44
                                                    Received Altiga GW VID

SEV=9 IKEDBG/0 RPT=52052 172.18.124.132 13:14:22.730 08/09/2002 45
                                                 constructing ke payload

  SEV=9 IKEDBG/1 RPT=84 172.18.124.132 13:14:22.730 08/09/2002 46
                                               constructing nonce payload

SEV=9 IKEDBG/46 RPT=27 172.18.124.132 13:14:22.730 08/09/2002 47
                                        constructing Cisco Unity VID payload

SEV=9 IKEDBG/46 RPT=28 172.18.124.132 13:14:22.730 08/09/2002 48
                                           constructing xauth V6 VID payload

SEV=9 IKEDBG/48 RPT=10 172.18.124.132 13:14:22.730 08/09/2002 49
                                                             Send IOS VID

  SEV=9 IKEDBG/38 RPT=10 172.18.124.132 13:14:22.730 08/09/2002 50
Constructing VPN 3000 spoofing IOS Vendor ID payload (version: 1.0.0, capabiliti
                                                             (es: 20000001

SEV=9 IKEDBG/46 RPT=29 172.18.124.132 13:14:22.730 08/09/2002 52
                                                 constructing VID payload

SEV=9 IKEDBG/48 RPT=11 172.18.124.132 13:14:22.730 08/09/2002 53
                                                      Send Altiga GW VID

SEV=9 IKEDBG/0 RPT=52053 172.18.124.132 13:14:22.730 08/09/2002 54
                                          ...Generating keys for Responder

SEV=8 IKEDBG/0 RPT=52054 172.18.124.132 13:14:22.730 08/09/2002 55
                                  : SENDING Message (msgid=0) with payloads
                        HDR + KE (4) + NONCE (10)  ... total length : 256
```

```
SEV=8 IKEDBG/0 RPT=52055 172.18.124.132 13:14:22.770 08/09/2002 57
: RECEIVED Message (msgid=0) with payloads
HDR + ID (5) + HASH (8) + IOS KEEPALIVE (14) + VENDOR (13) + NONE (0) ... total
length : 92

SEV=9 IKEDBG/1 RPT=85 172.18.124.132 13:14:22.770 08/09/2002 60
[Group [172.18.124.132
Processing ID

SEV=9 IKEDBG/0 RPT=52056 172.18.124.132 13:14:22.770 08/09/2002 61
[Group [172.18.124.132
processing hash

SEV=9 IKEDBG/0 RPT=52057 172.18.124.132 13:14:22.770 08/09/2002 62
[Group [172.18.124.132
computing hash

SEV=9 IKEDBG/34 RPT=9 172.18.124.132 13:14:22.770 08/09/2002 63
.Processing IOS keep alive payload: proposal=32767/32767 sec

SEV=9 IKEDBG/47 RPT=33 172.18.124.132 13:14:22.770 08/09/2002 64
[Group [172.18.124.132
processing VID payload

SEV=9 IKEDBG/49 RPT=28 172.18.124.132 13:14:22.770 08/09/2002 65
[Group [172.18.124.132
Received DPD VID

SEV=9 IKEDBG/23 RPT=6 172.18.124.132 13:14:22.770 08/09/2002 66
[Group [172.18.124.132
Starting group lookup for peer 172.18.124.132

SEV=8 AUTHDBG/1 RPT=7 13:14:22.770 08/09/2002 67
AUTH_Open() returns 9

SEV=7 AUTH/12 RPT=7 13:14:22.770 08/09/2002 68
Authentication session opened: handle = 9

SEV=8 AUTHDBG/3 RPT=9 13:14:22.770 08/09/2002 69
(AUTH_PutAttrTable(9, 8c6274

SEV=8 AUTHDBG/6 RPT=6 13:14:22.770 08/09/2002 70
(AUTH_GroupAuthenticate(9, 2f1c798, 599818

SEV=8 AUTHDBG/59 RPT=9 13:14:22.770 08/09/2002 71
(AUTH_BindServer(511c62c, 0, 0

SEV=9 AUTHDBG/69 RPT=9 13:14:22.770 08/09/2002 72
Auth Server db1704 has been bound to ACB 511c62c, sessions = 1

SEV=8 AUTHDBG/65 RPT=9 13:14:22.770 08/09/2002 73
(AUTH_CreateTimer(511c62c, 0, 0

SEV=9 AUTHDBG/72 RPT=9 13:14:22.770 08/09/2002 74
Reply timer created: handle = 66001B

SEV=8 AUTHDBG/179 RPT=9 13:14:22.770 08/09/2002 75
(AUTH_SyncToServer(511c62c, 0, 0

SEV=8 AUTHDBG/180 RPT=9 13:14:22.770 08/09/2002 76
(AUTH_SendLockReq(511c62c, 0, 0

SEV=8 AUTHDBG/61 RPT=9 13:14:22.770 08/09/2002 77
(AUTH_BuildMsg(511c62c, 0, 0
```

```
                                    SEV=8 AUTHDBG/64 RPT=9 13:14:22.770 08/09/2002 78
                                                    (AUTH_StartTimer(511c62c, 0, 0

                                    SEV=9 AUTHDBG/73 RPT=9 13:14:22.770 08/09/2002 79
          Reply timer started: handle = 66001B, timestamp = 17178934, timeout = 30000

                                    SEV=8 AUTHDBG/62 RPT=9 13:14:22.770 08/09/2002 80
                                                    (AUTH_SndRequest(511c62c, 0, 0

                                   SEV=8 AUTHDBG/50 RPT=17 13:14:22.770 08/09/2002 81
                                                     (IntDB_Decode(37f1908, 149

                                   SEV=8 AUTHDBG/47 RPT=17 13:14:22.770 08/09/2002 82
                                                          (IntDB_Xmt(511c62c

                                    SEV=9 AUTHDBG/71 RPT=9 13:14:22.770 08/09/2002 83
                                                               xmit_cnt = 1

                                   SEV=8 AUTHDBG/47 RPT=18 13:14:22.770 08/09/2002 84
                                                          (IntDB_Xmt(511c62c

                                    SEV=8 AUTHDBG/49 RPT=9 13:14:22.870 08/09/2002 85
                                                     (IntDB_Match(511c62c, 5119cc4

                                    SEV=8 AUTHDBG/63 RPT=9 13:14:22.870 08/09/2002 86
                                                     (AUTH_RcvReply(511c62c, 0, 0

                                   SEV=8 AUTHDBG/50 RPT=18 13:14:22.870 08/09/2002 87
                                                     (IntDB_Decode(5119cc4, 835

                                    SEV=8 AUTHDBG/48 RPT=9 13:14:22.870 08/09/2002 88
                                                          (IntDB_Rcv(511c62c

                                    SEV=8 AUTHDBG/66 RPT=9 13:14:22.870 08/09/2002 89
                                                   (AUTH_DeleteTimer(511c62c, 0, 0

                                    SEV=9 AUTHDBG/74 RPT=9 13:14:22.870 08/09/2002 90
                        Reply timer stopped: handle = 66001B, timestamp = 17178944

                                    SEV=8 AUTHDBG/58 RPT=9 13:14:22.870 08/09/2002 91
                                                     (AUTH_Callback(511c62c, 0, 0

                     SEV=6 AUTH/41 RPT=8 172.18.124.132 13:14:22.870 08/09/2002 92
Authentication successful: handle = 9, server = Internal, group = 172.18.124.132

                SEV=7 IKEDBG/0 RPT=52058 172.18.124.132 13:14:22.870 08/09/2002 93
                                                    [Group [172.18.124.132
                                          (Found Phase 1 Group (172.18.124.132

                                     SEV=8 AUTHDBG/4 RPT=8 13:14:22.870 08/09/2002 94
                                                     (AUTH_GetAttrTable(9, 8c6520

                    SEV=7 IKEDBG/14 RPT=7 172.18.124.132 13:14:22.870 08/09/2002 95
                                                    [Group [172.18.124.132
                                        Authentication configured for Internal

                                     SEV=8 AUTHDBG/2 RPT=7 13:14:22.870 08/09/2002 96
                                                          (AUTH_Close(9

                    SEV=9 IKEDBG/1 RPT=86 172.18.124.132 13:14:22.870 08/09/2002 97
                                                    [Group [172.18.124.132
                                                           constructing ID
```

```
                                    SEV=9 IKEDBG/0 RPT=52059 13:14:22.870 08/09/2002 98
                                                          [Group [172.18.124.132
                                                         construct hash payload

                     SEV=9 IKEDBG/0 RPT=52060 172.18.124.132 13:14:22.870 08/09/2002 99
                                                          [Group [172.18.124.132
                                                                 computing hash

                       SEV=9 IKEDBG/34 RPT=10 172.18.124.132 13:14:22.870 08/09/2002 100
                          .Constructing IOS keep alive payload: proposal=32767/32767 sec

                       SEV=9 IKEDBG/46 RPT=30 172.18.124.132 13:14:22.870 08/09/2002 101
                                                          [Group [172.18.124.132
                                                  constructing dpd vid payload

                     SEV=8 IKEDBG/0 RPT=52061 172.18.124.132 13:14:22.870 08/09/2002 102
                                              : SENDING Message (msgid=0) with payloads
                                    HDR + ID (5) + HASH (8)  ... total length : 92

                         SEV=4 IKE/119 RPT=8 172.18.124.132 13:14:22.870 08/09/2002 104
                                                          [Group [172.18.124.132
                                                               PHASE 1 COMPLETED

                         SEV=6 IKE/121 RPT=6 172.18.124.132 13:14:22.870 08/09/2002 105
                                                Keep-alive type for this connection: DPD

                     SEV=7 IKEDBG/0 RPT=52062 172.18.124.132 13:14:22.870 08/09/2002 106
                                                          [Group [172.18.124.132
                                             (Starting phase 1 rekey timer: 73440000 (ms

                                    SEV=4 AUTH/22 RPT=38 13:14:22.870 08/09/2002 107
                                                  User 172.18.124.132 connected

                                    SEV=8 AUTHDBG/60 RPT=9 13:14:22.870 08/09/2002 108
                                                   (AUTH_UnbindServer(511c62c, 0, 0

                                    SEV=9 AUTHDBG/70 RPT=9 13:14:22.870 08/09/2002 109
                     Auth Server db1704 has been unbound from ACB 511c62c, sessions = 0

                                    SEV=8 AUTHDBG/10 RPT=7 13:14:22.870 08/09/2002 110
                                                    (AUTH_Int_FreeAuthCB(511c62c

                                      SEV=7 AUTH/13 RPT=7 13:14:22.870 08/09/2002 111
                                            Authentication session closed: handle = 9

                     SEV=8 IKEDBG/0 RPT=52063 172.18.124.132 13:14:22.970 08/09/2002 112
                                               : RECEIVED Message (msgid=56fdca09) with payloads
(HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NOTIFY (11) + NONE (0
                                                          total length : 180 ...

                     SEV=9 IKEDBG/0 RPT=52064 172.18.124.132 13:14:22.970 08/09/2002 115
                                                          [Group [172.18.124.132
                                                                 processing hash

                     SEV=9 IKEDBG/0 RPT=52065 172.18.124.132 13:14:22.970 08/09/2002 116
                                                          [Group [172.18.124.132
                                                           processing SA payload

                       SEV=9 IKEDBG/1 RPT=87 172.18.124.132 13:14:22.970 08/09/2002 117
                                                          [Group [172.18.124.132
                                                       processing nonce payload

                       SEV=9 IKEDBG/1 RPT=88 172.18.124.132 13:14:22.970 08/09/2002 118
                                                          [Group [172.18.124.132
```

```
                                                                Processing ID

                    SEV=5 IKE/35 RPT=4 172.18.124.132 13:14:22.970 08/09/2002 119
                                                                [Group [172.18.124.132
                                :Received remote IP Proxy Subnet data in ID Payload
                      Address 14.38.80.0, Mask 255.255.255.0, Protocol 0, Port 0

                 SEV=9 IKEDBG/1 RPT=89 172.18.124.132 13:14:22.970 08/09/2002 122
                                                                [Group [172.18.124.132
                                                                Processing ID

                    SEV=5 IKE/34 RPT=6 172.18.124.132 13:14:22.970 08/09/2002 123
                                                                [Group [172.18.124.132
                                 :Received local IP Proxy Subnet data in ID Payload
                       Address 14.38.200.0, Mask 255.255.255.0, Protocol 0, Port 0

               SEV=9 IKEDBG/0 RPT=52066 172.18.124.132 13:14:22.970 08/09/2002 126
                                                                [Group [172.18.124.132
                                                             Processing Notify payload

                                 SEV=8 IKEDBG/0 RPT=52067 13:14:22.970 08/09/2002 127
                                                 QM IsRekeyed old sa not found by addr

                    SEV=5 IKE/66 RPT=8 172.18.124.132 13:14:22.970 08/09/2002 128
                                                                [Group [172.18.124.132
                                IKE Remote Peer configured for SA: L2L: RTP NAT TUNNEL

               SEV=9 IKEDBG/0 RPT=52068 172.18.124.132 13:14:22.970 08/09/2002 129
                                                                [Group [172.18.124.132
                                                                   processing IPSEC SA

                 SEV=7 IKEDBG/27 RPT=6 172.18.124.132 13:14:22.970 08/09/2002 130
                                                                [Group [172.18.124.132
                                     IPSec SA Proposal # 1, Transform # 1 acceptable

               SEV=7 IKEDBG/0 RPT=52069 172.18.124.132 13:14:22.970 08/09/2002 131
                                                                [Group [172.18.124.132
                                                                  !IKE: requesting SPI

                                              SEV=6 IKE/0 RPT=5 13:14:22.970 08/09/2002 132
                          Received unexpected event EV_ACTIVATE_NEW_SA in state MM_ACTIVE

                                 SEV=9 IPSECDBG/6 RPT=41 13:14:22.970 08/09/2002 133
 IPSEC key message parse - msgtype 6, len 208, vers 1, pid 00000000, seq 12, err
type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0, hashKey ,0
Len 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 21, lifetime2 0, dsId 30
                                                                                0

                                 SEV=9 IPSECDBG/1 RPT=155 13:14:22.970 08/09/2002 137
                                                               !Processing KEY_GETSPI msg

                                 SEV=7 IPSECDBG/13 RPT=9 13:14:22.970 08/09/2002 138
                                                               Reserved SPI 840508266

                                    SEV=8 IKEDBG/6 RPT=9 13:14:22.970 08/09/2002 139
                                       IKE got SPI from key engine: SPI = 0x3219236a

               SEV=9 IKEDBG/0 RPT=52070 172.18.124.132 13:14:22.970 08/09/2002 140
                                                                [Group [172.18.124.132
                                                          oakley constucting quick mode

               SEV=9 IKEDBG/0 RPT=52071 172.18.124.132 13:14:22.970 08/09/2002 141
                                                                [Group [172.18.124.132
                                                             constructing blank hash
```

```
SEV=9 IKEDBG/0 RPT=52072 172.18.124.132 13:14:22.970 08/09/2002 142
                                                [Group [172.18.124.132
                                        constructing ISA_SA for ipsec

   SEV=9 IKEDBG/1 RPT=90 172.18.124.132 13:14:22.970 08/09/2002 143
                                                [Group [172.18.124.132
                                    constructing ipsec nonce payload

   SEV=9 IKEDBG/1 RPT=91 172.18.124.132 13:14:22.970 08/09/2002 144
                                                [Group [172.18.124.132
                                                 constructing proxy ID

SEV=7 IKEDBG/0 RPT=52073 172.18.124.132 13:14:22.970 08/09/2002 145
                                                [Group [172.18.124.132
                                                :Transmitting Proxy Id
 Remote subnet: 14.38.80.0  Mask 255.255.255.0 Protocol 0  Port 0
Local subnet:  14.38.200.0  mask 255.255.255.0 Protocol 0  Port 0

SEV=9 IKEDBG/0 RPT=52074 172.18.124.132 13:14:22.970 08/09/2002 149
                                                [Group [172.18.124.132
                                                  constructing qm hash

SEV=8 IKEDBG/0 RPT=52075 172.18.124.132 13:14:22.970 08/09/2002 150
                                  : SENDING Message (msgid=56fdca09) with payloads
                                   HDR + HASH (8) + SA (1)  ... total length : 152

SEV=8 IKEDBG/0 RPT=52076 172.18.124.132 13:14:22.980 08/09/2002 152
                                : RECEIVED Message (msgid=56fdca09) with payloads
                                   HDR + HASH (8) + NONE (0) ... total length : 48

SEV=9 IKEDBG/0 RPT=52077 172.18.124.132 13:14:22.980 08/09/2002 154
                                                [Group [172.18.124.132
                                                       processing hash

SEV=9 IKEDBG/0 RPT=52078 172.18.124.132 13:14:22.980 08/09/2002 155
                                                [Group [172.18.124.132
                                                 loading all IPSEC SAs

   SEV=9 IKEDBG/1 RPT=92 172.18.124.132 13:14:22.980 08/09/2002 156
                                                [Group [172.18.124.132
                                            !Generating Quick Mode Key

   SEV=9 IKEDBG/1 RPT=93 172.18.124.132 13:14:22.980 08/09/2002 157
                                                [Group [172.18.124.132
                                            !Generating Quick Mode Key

SEV=7 IKEDBG/0 RPT=52079 172.18.124.132 13:14:22.980 08/09/2002 158
                                                [Group [172.18.124.132
                                                       :Loading subnet
                                     Dst: 14.38.200.0  mask: 255.255.255.0
                                      Src: 14.38.80.0  mask: 255.255.255.0

     SEV=4 IKE/49 RPT=12 172.18.124.132 13:14:22.980 08/09/2002 161
                                                [Group [172.18.124.132
(Security negotiation complete for LAN-to-LAN Group (172.18.124.132
     Responder, Inbound SPI = 0x3219236a, Outbound SPI = 0x3607c2f4

                            SEV=9 IPSECDBG/6 RPT=42 13:14:22.980 08/09/2002 164
IPSEC key message parse - msgtype 1, len 622, vers 1, pid 00000000, seq 0, err 0
type 2, mode 1, state 64, label 0, pad 0, spi 3607c2f4, encrKeyLen 24, hashKey ,
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 21, lifetime2 0, dsId 0

                            SEV=9 IPSECDBG/1 RPT=156 13:14:22.980 08/09/2002 167
```

```
                                                    !Processing KEY_ADD msg

                                  SEV=9 IPSECDBG/1 RPT=157 13:14:22.980 08/09/2002 168
                                                  key_msghdr2secassoc(): Enter

                                  SEV=7 IPSECDBG/1 RPT=158 13:14:22.980 08/09/2002 169
                                                    No USER filter configured

                                  SEV=9 IPSECDBG/1 RPT=159 13:14:22.980 08/09/2002 170
                                                        KeyProcessAdd: Enter

                                  SEV=8 IPSECDBG/1 RPT=160 13:14:22.980 08/09/2002 171
                                                  KeyProcessAdd: Adding outbound SA

                                  SEV=8 IPSECDBG/1 RPT=161 13:14:22.980 08/09/2002 172
    KeyProcessAdd: src 14.38.200.0 mask 0.0.0.255, dst 14.38.80.0 mask 0.0.0.255

                                  SEV=8 IPSECDBG/1 RPT=162 13:14:22.980 08/09/2002 173
                                       KeyProcessAdd: FilterIpsecAddIkeSa success

                                   SEV=9 IPSECDBG/6 RPT=43 13:14:22.980 08/09/2002 174
    IPSEC key message parse - msgtype 3, len 335, vers 1, pid 00000000, seq 0, err 0
    type 2, mode 1, state 32, label 0, pad 0, spi 3219236a, encrKeyLen 24, hashKey ,
    Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 21, lifetime2 0, dsId 0

                                  SEV=9 IPSECDBG/1 RPT=163 13:14:22.980 08/09/2002 177
                                                    !Processing KEY_UPDATE msg

                                  SEV=9 IPSECDBG/1 RPT=164 13:14:22.980 08/09/2002 178
                                                  Update inbound SA addresses

                                  SEV=9 IPSECDBG/1 RPT=165 13:14:22.980 08/09/2002 179
                                                  key_msghdr2secassoc(): Enter

                                  SEV=7 IPSECDBG/1 RPT=166 13:14:22.980 08/09/2002 180
                                                    No USER filter configured

                                  SEV=9 IPSECDBG/1 RPT=167 13:14:22.980 08/09/2002 181
                                                        KeyProcessUpdate: Enter

                                  SEV=8 IPSECDBG/1 RPT=168 13:14:22.980 08/09/2002 182
                                                    KeyProcessUpdate: success

                                      SEV=8 IKEDBG/7 RPT=9 13:14:22.980 08/09/2002 183
                                        IKE got a KEY_ADD msg for SA: SPI = 0x3607c2f4

                                  SEV=8 IKEDBG/0 RPT=52080 13:14:22.980 08/09/2002 184
                                           pitcher: rcv KEY_UPDATE, spi 0x3219236a

                  SEV=4 IKE/120 RPT=12 172.18.124.132 13:14:22.980 08/09/2002 185
                                                    [Group [172.18.124.132
                                          (PHASE 2 COMPLETED (msgid=56fdca09

                                  SEV=7 IPSECDBG/1 RPT=169 13:14:24.690 08/09/2002 186
                                                  !IPSec Inbound SA has received data

                                  SEV=8 IKEDBG/0 RPT=52081 13:14:24.690 08/09/2002 187
                                           pitcher: recv KEY_SA_ACTIVE spi 0x3219236a

                                  SEV=8 IKEDBG/0 RPT=52082 13:14:24.690 08/09/2002 188
    KEY_SA_ACTIVE no old rekey centry found with new spi 0x3219236a, mess_id 0x0
```

للحصول على معلومات حول إعداد السجلات ومراجعتها عند أستكشاف أخطاء الاتصال مع مركز VPN 3000 وإصلاحها، ارجع إلى أستكشاف أخطاء الاتصال وإصلاحها على مركز VPN 3000. قبل إصدار أوامر **تصحيح الأخطاء**، يرجى الاطلاع على المعلومات المهمة في أوامر تصحيح الأخطاء.

```
                                    SEV=7 IPSECDBG/10 RPT=4 13:27:13.970 08/07/2002 1
IPSEC ipsec_output() can call key_acquire() because 590 seconds have elapsed sin
                        (ce last IKE negotiation began (src 0x0e265065, dst 0x01b99224


                                    SEV=7 IPSECDBG/14 RPT=5 13:27:13.970 08/07/2002 3
                  Sending KEY_ACQUIRE to IKE for src 14.38.80.101, dst 14.38.200.3


                                    SEV=8 IKEDBG/0 RPT=52300 13:27:13.970 08/07/2002 4
                                              !pitcher: received a key acquire message


                         SEV=4 IKE/41 RPT=5 172.18.124.131 13:27:13.970 08/07/2002 5
                         IKE Initiator: New Phase 1, Intf 2, IKE Peer 172.18.124.131
                  ,local Proxy Address 14.38.80.0, remote Proxy Address 14.38.200.0
                                                                (SA (L2L: VPN TUNNEL


                  SEV=9 IKEDBG/0 RPT=52301 172.18.124.131 13:27:13.970 08/07/2002 8
                                                    constructing ISA_SA for isakmp


                    SEV=9 IKEDBG/46 RPT=26 172.18.124.131 13:27:13.970 08/07/2002 9
                     constructing Fragmentation VID + extended capabilities payload


                SEV=8 IKEDBG/0 RPT=52302 172.18.124.131 13:27:13.970 08/07/2002 10
                                        : SENDING Message (msgid=0) with payloads
                                HDR + SA (1) + VENDOR (13)  ... total length : 108


                SEV=8 IKEDBG/0 RPT=52303 172.18.124.131 13:27:13.970 08/07/2002 12
                                      : RECEIVED Message (msgid=0) with payloads
                      HDR + SA (1) + VENDOR (13) + NONE (0) ... total length : 108


                SEV=8 IKEDBG/0 RPT=52304 172.18.124.131 13:27:13.970 08/07/2002 14
                                      : RECEIVED Message (msgid=0) with payloads
                      HDR + SA (1) + VENDOR (13) + NONE (0) ... total length : 108


                SEV=9 IKEDBG/0 RPT=52305 172.18.124.131 13:27:13.970 08/07/2002 16
                                                        processing SA payload


                SEV=7 IKEDBG/0 RPT=52306 172.18.124.131 13:27:13.970 08/07/2002 17
                                                    Oakley proposal is acceptable


                  SEV=9 IKEDBG/47 RPT=31 172.18.124.131 13:27:13.970 08/07/2002 18
                                                        processing VID payload


                  SEV=9 IKEDBG/49 RPT=26 172.18.124.131 13:27:13.970 08/07/2002 19
                                                    Received Fragmentation VID
```

```
SEV=5 IKEDBG/64 RPT=7 172.18.124.131 13:27:13.970 08/07/2002 20
:IKE Peer included IKE fragmentation capability flags
                                                Main Mode:        True
                                                Aggressive Mode:  True


SEV=9 IKEDBG/0 RPT=52307 172.18.124.131 13:27:13.970 08/07/2002 22
                                                constructing ke payload


SEV=9 IKEDBG/1 RPT=70 172.18.124.131 13:27:13.970 08/07/2002 23
                                              constructing nonce payload

SEV=9 IKEDBG/46 RPT=27 172.18.124.131 13:27:13.970 08/07/2002 24
                                        constructing Cisco Unity VID payload

SEV=9 IKEDBG/46 RPT=28 172.18.124.131 13:27:13.970 08/07/2002 25
                                          constructing xauth V6 VID payload

SEV=9 IKEDBG/48 RPT=11 172.18.124.131 13:27:13.970 08/07/2002 26
                                                              Send IOS VID

SEV=9 IKEDBG/38 RPT=11 172.18.124.131 13:27:13.970 08/07/2002 27
Constructing VPN 3000 spoofing IOS Vendor ID payload (version: 1.0.0, capabiliti
                                                              (es: 20000001

SEV=9 IKEDBG/46 RPT=29 172.18.124.131 13:27:13.970 08/07/2002 29
                                                constructing VID payload

SEV=9 IKEDBG/48 RPT=12 172.18.124.131 13:27:13.970 08/07/2002 30
                                                    Send Altiga GW VID

SEV=8 IKEDBG/0 RPT=52308 172.18.124.131 13:27:13.970 08/07/2002 31
                                  : SENDING Message (msgid=0) with payloads
                          HDR + KE (4) + NONCE (10)  ... total length : 256

SEV=8 IKEDBG/0 RPT=52309 172.18.124.131 13:27:14.010 08/07/2002 33
                                  : RECEIVED Message (msgid=0) with payloads
HDR + KE (4) + NONCE (10) + VENDOR (13) + VENDOR (13) + VENDOR (13) + VENDOR (13
                                          NONE (0) ... total length : 256 + (

SEV=8 IKEDBG/0 RPT=52310 172.18.124.131 13:27:14.010 08/07/2002 36
                                  : RECEIVED Message (msgid=0) with payloads
HDR + KE (4) + NONCE (10) + VENDOR (13) + VENDOR (13) + VENDOR (13) + VENDOR (13
                                          NONE (0) ... total length : 256 + (

SEV=9 IKEDBG/0 RPT=52311 172.18.124.131 13:27:14.010 08/07/2002 39
                                                  processing ke payload

SEV=9 IKEDBG/0 RPT=52312 172.18.124.131 13:27:14.010 08/07/2002 40
                                                      processing ISA_KE

SEV=9 IKEDBG/1 RPT=71 172.18.124.131 13:27:14.010 08/07/2002 41
                                                processing nonce payload

SEV=9 IKEDBG/47 RPT=32 172.18.124.131 13:27:14.010 08/07/2002 42
                                                  processing VID payload

SEV=9 IKEDBG/49 RPT=27 172.18.124.131 13:27:14.010 08/07/2002 43
                                          Received Cisco Unity client VID

SEV=9 IKEDBG/47 RPT=33 172.18.124.131 13:27:14.010 08/07/2002 44
                                                  processing VID payload
```

```
                    SEV=9 IKEDBG/49 RPT=28 172.18.124.131 13:27:14.010 08/07/2002 45
                                                          Received xauth V6 VID

                    SEV=9 IKEDBG/47 RPT=34 172.18.124.131 13:27:14.010 08/07/2002 46
                                                        processing VID payload

                    SEV=9 IKEDBG/38 RPT=12 172.18.124.131 13:27:14.010 08/07/2002 47
Processing VPN 3000 spoofing IOS Vendor ID payload (version: 1.0.0, capabilities
                                                                 (20000001 :

                    SEV=9 IKEDBG/47 RPT=35 172.18.124.131 13:27:14.010 08/07/2002 49
                                                        processing VID payload

                    SEV=9 IKEDBG/49 RPT=29 172.18.124.131 13:27:14.010 08/07/2002 50
                                                          Received Altiga GW VID

                  SEV=9 IKEDBG/0 RPT=52313 172.18.124.131 13:27:14.040 08/07/2002 51
                                              ...Generating keys for Initiator

                     SEV=9 IKEDBG/1 RPT=72 172.18.124.131 13:27:14.040 08/07/2002 52
                                                          [Group [172.18.124.131
                                                                 constructing ID

                               SEV=9 IKEDBG/0 RPT=52314 13:27:14.040 08/07/2002 53
                                                          [Group [172.18.124.131
                                                          construct hash payload

                  SEV=9 IKEDBG/0 RPT=52315 172.18.124.131 13:27:14.040 08/07/2002 54
                                                          [Group [172.18.124.131
                                                                  computing hash

                    SEV=9 IKEDBG/34 RPT=11 172.18.124.131 13:27:14.040 08/07/2002 55
                      .Constructing IOS keep alive payload: proposal=32767/32767 sec

                    SEV=9 IKEDBG/46 RPT=30 172.18.124.131 13:27:14.040 08/07/2002 56
                                                          [Group [172.18.124.131
                                                  constructing dpd vid payload

                  SEV=8 IKEDBG/0 RPT=52316 172.18.124.131 13:27:14.040 08/07/2002 57
                                          : SENDING Message (msgid=0) with payloads
                                HDR + ID (5) + HASH (8)  ... total length : 92

                  SEV=8 IKEDBG/0 RPT=52317 172.18.124.131 13:27:14.140 08/07/2002 59
                                       : RECEIVED Message (msgid=0) with payloads
 HDR + ID (5) + HASH (8) + IOS KEEPALIVE (14) + VENDOR (13) + NONE (0) ... total
                                                                   length : 92

                     SEV=9 IKEDBG/1 RPT=73 172.18.124.131 13:27:14.140 08/07/2002 62
                                                          [Group [172.18.124.131
                                                                    Processing ID

                  SEV=9 IKEDBG/0 RPT=52318 172.18.124.131 13:27:14.140 08/07/2002 63
                                                          [Group [172.18.124.131
                                                                 processing hash

                  SEV=9 IKEDBG/0 RPT=52319 172.18.124.131 13:27:14.140 08/07/2002 64
                                                          [Group [172.18.124.131
                                                                  computing hash

                    SEV=9 IKEDBG/34 RPT=12 172.18.124.131 13:27:14.140 08/07/2002 65
                        .Processing IOS keep alive payload: proposal=32767/32767 sec

                    SEV=9 IKEDBG/47 RPT=36 172.18.124.131 13:27:14.140 08/07/2002 66
                                                          [Group [172.18.124.131
```

processing VID payload

SEV=9 IKEDBG/49 RPT=30 172.18.124.131 13:27:14.140 08/07/2002 67
[Group [172.18.124.131
Received DPD VID

SEV=9 IKEDBG/23 RPT=6 172.18.124.131 13:27:14.140 08/07/2002 68
[Group [172.18.124.131
Starting group lookup for peer 172.18.124.131

SEV=8 AUTHDBG/1 RPT=2 13:27:14.140 08/07/2002 69
AUTH_Open() returns 6

SEV=7 AUTH/12 RPT=2 13:27:14.140 08/07/2002 70
Authentication session opened: handle = 6

SEV=8 AUTHDBG/3 RPT=2 13:27:14.150 08/07/2002 71
(AUTH_PutAttrTable(6, 8c6274

SEV=8 AUTHDBG/6 RPT=2 13:27:14.150 08/07/2002 72
(AUTH_GroupAuthenticate(6, 50097dc, 599818

SEV=8 AUTHDBG/59 RPT=2 13:27:14.150 08/07/2002 73
(AUTH_BindServer(9a05c60, 0, 0

SEV=9 AUTHDBG/69 RPT=2 13:27:14.150 08/07/2002 74
Auth Server 15dd704 has been bound to ACB 9a05c60, sessions = 1

SEV=8 AUTHDBG/65 RPT=2 13:27:14.150 08/07/2002 75
(AUTH_CreateTimer(9a05c60, 0, 0

SEV=9 AUTHDBG/72 RPT=2 13:27:14.150 08/07/2002 76
Reply timer created: handle = 4F0019

SEV=8 AUTHDBG/179 RPT=2 13:27:14.150 08/07/2002 77
(AUTH_SyncToServer(9a05c60, 0, 0

SEV=8 AUTHDBG/180 RPT=2 13:27:14.150 08/07/2002 78
(AUTH_SendLockReq(9a05c60, 0, 0

SEV=8 AUTHDBG/61 RPT=2 13:27:14.150 08/07/2002 79
(AUTH_BuildMsg(9a05c60, 0, 0

SEV=8 AUTHDBG/64 RPT=2 13:27:14.150 08/07/2002 80
(AUTH_StartTimer(9a05c60, 0, 0

SEV=9 AUTHDBG/73 RPT=2 13:27:14.150 08/07/2002 81
Reply timer started: handle = 4F0019, timestamp = 17231134, timeout = 30000

SEV=8 AUTHDBG/62 RPT=2 13:27:14.150 08/07/2002 82
(AUTH_SndRequest(9a05c60, 0, 0

SEV=8 AUTHDBG/50 RPT=3 13:27:14.150 08/07/2002 83
(IntDB_Decode(62ea4f8, 149

SEV=8 AUTHDBG/47 RPT=3 13:27:14.150 08/07/2002 84
(IntDB_Xmt(9a05c60

SEV=9 AUTHDBG/71 RPT=2 13:27:14.150 08/07/2002 85
xmit_cnt = 1

SEV=8 AUTHDBG/47 RPT=4 13:27:14.150 08/07/2002 86
(IntDB_Xmt(9a05c60

```
                                    SEV=8 AUTHDBG/49 RPT=2 13:27:14.250 08/07/2002 87
                                                    (IntDB_Match(9a05c60, 9a09658

                                    SEV=8 AUTHDBG/63 RPT=2 13:27:14.250 08/07/2002 88
                                                    (AUTH_RcvReply(9a05c60, 0, 0

                                    SEV=8 AUTHDBG/50 RPT=4 13:27:14.250 08/07/2002 89
                                                    (IntDB_Decode(9a09658, 636

                                    SEV=8 AUTHDBG/48 RPT=2 13:27:14.250 08/07/2002 90
                                                            (IntDB_Rcv(9a05c60

                                    SEV=8 AUTHDBG/66 RPT=2 13:27:14.250 08/07/2002 91
                                                    (AUTH_DeleteTimer(9a05c60, 0, 0

                                    SEV=9 AUTHDBG/74 RPT=2 13:27:14.250 08/07/2002 92
                            Reply timer stopped: handle = 4F0019, timestamp = 17231144

                                    SEV=8 AUTHDBG/58 RPT=2 13:27:14.250 08/07/2002 93
                                                    (AUTH_Callback(9a05c60, 0, 0

                                SEV=6 AUTH/41 RPT=2 172.18.124.131 13:27:14.250 08/07/2002 94
Authentication successful: handle = 6, server = Internal, group = 172.18.124.131

                        SEV=7 IKEDBG/0 RPT=52320 172.18.124.131 13:27:14.250 08/07/2002 95
                                                            [Group [172.18.124.131
                                                (Found Phase 1 Group (172.18.124.131

                                    SEV=8 AUTHDBG/4 RPT=2 13:27:14.250 08/07/2002 96
                                                    (AUTH_GetAttrTable(6, 8c6520

                            SEV=7 IKEDBG/14 RPT=6 172.18.124.131 13:27:14.250 08/07/2002 97
                                                            [Group [172.18.124.131
                                                Authentication configured for Internal

                                    SEV=8 AUTHDBG/2 RPT=2 13:27:14.250 08/07/2002 98
                                                            (AUTH_Close(6

                        SEV=9 IKEDBG/0 RPT=52321 172.18.124.131 13:27:14.250 08/07/2002 99
                                                            [Group [172.18.124.131
                                                        Oakley begin quick mode

                            SEV=4 IKE/119 RPT=7 172.18.124.131 13:27:14.250 08/07/2002 100
                                                            [Group [172.18.124.131
                                                                 PHASE 1 COMPLETED

                            SEV=6 IKE/121 RPT=6 172.18.124.131 13:27:14.250 08/07/2002 101
                                                Keep-alive type for this connection: DPD

                        SEV=7 IKEDBG/0 RPT=52322 172.18.124.131 13:27:14.250 08/07/2002 102
                                                            [Group [172.18.124.131
                                                (Starting phase 1 rekey timer: 82080000 (ms

                                    SEV=4 AUTH/22 RPT=27 13:27:14.250 08/07/2002 103
                                                    User 172.18.124.131 connected

                                SEV=9 IPSECDBG/6 RPT=36 13:27:14.250 08/07/2002 104
IPSEC key message parse - msgtype 6, len 208, vers 1, pid 00000000, seq 9, err 0
type 2, mode 0, state 32, label 0, pad 0, spi 00000000, encrKeyLen 0, hashKeyL ,
en 0, ivlen 0, alg 0, hmacAlg 0, lifetype 0, lifetime1 21, lifetime2 0, dsId 300

                                SEV=9 IPSECDBG/1 RPT=135 13:27:14.250 08/07/2002 107
                                                    !Processing KEY_GETSPI msg
```

```
                                SEV=7 IPSECDBG/13 RPT=8 13:27:14.250 08/07/2002 108
                                                Reserved SPI 651287217

                                  SEV=8 IKEDBG/6 RPT=8 13:27:14.250 08/07/2002 109
                                     IKE got SPI from key engine: SPI = 0x26d1dab1

                        SEV=9 IKEDBG/0 RPT=52323 172.18.124.131 13:27:14.250 08/07/2002 110
                                                [Group [172.18.124.131
                                             oakley constucting quick mode

                        SEV=9 IKEDBG/0 RPT=52324 172.18.124.131 13:27:14.250 08/07/2002 111
                                                [Group [172.18.124.131
                                            constructing blank hash

                        SEV=9 IKEDBG/0 RPT=52325 172.18.124.131 13:27:14.250 08/07/2002 112
                                                [Group [172.18.124.131
                                          constructing ISA_SA for ipsec

                           SEV=9 IKEDBG/1 RPT=74 172.18.124.131 13:27:14.250 08/07/2002 113
                                                [Group [172.18.124.131
                                       constructing ipsec nonce payload

                           SEV=9 IKEDBG/1 RPT=75 172.18.124.131 13:27:14.250 08/07/2002 114
                                                [Group [172.18.124.131
                                                 constructing proxy ID

                        SEV=7 IKEDBG/0 RPT=52326 172.18.124.131 13:27:14.250 08/07/2002 115
                                                [Group [172.18.124.131
                                                :Transmitting Proxy Id
                         Local subnet:  14.38.80.0  mask 255.255.255.0 Protocol 0  Port 0
                        Remote subnet: 14.38.200.0  Mask 255.255.255.0 Protocol 0  Port 0

                        SEV=9 IKEDBG/0 RPT=52327 172.18.124.131 13:27:14.250 08/07/2002 119
                                                [Group [172.18.124.131
                                                  constructing qm hash

                        SEV=8 IKEDBG/0 RPT=52328 172.18.124.131 13:27:14.250 08/07/2002 120
                                           : SENDING Message (msgid=201d0d40) with payloads
                                            HDR + HASH (8) + SA (1)  ... total length : 180

                                         SEV=8 AUTHDBG/60 RPT=2 13:27:14.250 08/07/2002 122
                                                        (AUTH_UnbindServer(9a05c60, 0, 0

                                         SEV=9 AUTHDBG/70 RPT=2 13:27:14.250 08/07/2002 123
                        Auth Server 15dd704 has been unbound from ACB 9a05c60, sessions = 0

                                         SEV=8 AUTHDBG/10 RPT=2 13:27:14.250 08/07/2002 124
                                                        (AUTH_Int_FreeAuthCB(9a05c60

                                           SEV=7 AUTH/13 RPT=2 13:27:14.250 08/07/2002 125
                                                 Authentication session closed: handle = 6

                        SEV=8 IKEDBG/0 RPT=52329 172.18.124.131 13:27:14.250 08/07/2002 126
                                           : RECEIVED Message (msgid=201d0d40) with payloads
HDR + HASH (8) + SA (1) + NONCE (10) + ID (5) + ID (5) + NONE (0) ... total leng
                                                                              th : 152

                        SEV=9 IKEDBG/0 RPT=52330 172.18.124.131 13:27:14.250 08/07/2002 129
                                                [Group [172.18.124.131
                                                       processing hash

                        SEV=9 IKEDBG/0 RPT=52331 172.18.124.131 13:27:14.250 08/07/2002 130
                                                [Group [172.18.124.131
                                                 processing SA payload
```

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SEV=9 IKEDBG/1 RPT=76 172.18.124.131 13:27:14.250 08/07/2002 131
                                                [Group [172.18.124.131
                                              processing nonce payload

SEV=9 IKEDBG/1 RPT=77 172.18.124.131 13:27:14.250 08/07/2002 132
                                                [Group [172.18.124.131
                                                       Processing ID

SEV=9 IKEDBG/1 RPT=78 172.18.124.131 13:27:14.250 08/07/2002 133
                                                [Group [172.18.124.131
                                                       Processing ID

SEV=9 IKEDBG/0 RPT=52332 172.18.124.131 13:27:14.250 08/07/2002 134
                                                [Group [172.18.124.131
                                                loading all IPSEC SAs

SEV=9 IKEDBG/1 RPT=79 172.18.124.131 13:27:14.250 08/07/2002 135
                                                [Group [172.18.124.131
                                            !Generating Quick Mode Key

SEV=9 IKEDBG/1 RPT=80 172.18.124.131 13:27:14.260 08/07/2002 136
                                                [Group [172.18.124.131
                                            !Generating Quick Mode Key

SEV=7 IKEDBG/0 RPT=52333 172.18.124.131 13:27:14.260 08/07/2002 137
                                                [Group [172.18.124.131
                                                      :Loading subnet
                                    Dst: 14.38.200.0  mask: 255.255.255.0
                                     Src: 14.38.80.0  mask: 255.255.255.0

      SEV=4 IKE/49 RPT=9 172.18.124.131 13:27:14.260 08/07/2002 140
                                                [Group [172.18.124.131
(Security negotiation complete for LAN-to-LAN Group (172.18.124.131
     Initiator, Inbound SPI = 0x26d1dab1, Outbound SPI = 0x2f285111

SEV=9 IKEDBG/0 RPT=52334 172.18.124.131 13:27:14.260 08/07/2002 143
                                                [Group [172.18.124.131
                                       oakley constructing final quick mode

SEV=8 IKEDBG/0 RPT=52335 172.18.124.131 13:27:14.260 08/07/2002 144
                            : SENDING Message (msgid=201d0d40) with payloads
                             HDR + HASH (8) + NONE (0) ... total length : 72

                         SEV=9 IPSECDBG/6 RPT=37 13:27:14.260 08/07/2002 146
IPSEC key message parse - msgtype 1, len 622, vers 1, pid 00000000, seq 0, err 0
type 2, mode 1, state 64, label 0, pad 0, spi 2f285111, encrKeyLen 24, hashKey ,
Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 21, lifetime2 0, dsId 0

                                SEV=9 IPSECDBG/1 RPT=136 13:27:14.260 08/07/2002 149
                                                !Processing KEY_ADD msg

                                SEV=9 IPSECDBG/1 RPT=137 13:27:14.260 08/07/2002 150
                                                key_msghdr2secassoc(): Enter

                                SEV=7 IPSECDBG/1 RPT=138 13:27:14.260 08/07/2002 151
                                                No USER filter configured

                                SEV=9 IPSECDBG/1 RPT=139 13:27:14.260 08/07/2002 152
                                                KeyProcessAdd: Enter

                                SEV=8 IPSECDBG/1 RPT=140 13:27:14.260 08/07/2002 153
                                                KeyProcessAdd: Adding outbound SA
```

```
                                SEV=8 IPSECDBG/1 RPT=141 13:27:14.260 08/07/2002 154
    KeyProcessAdd: src 14.38.80.0 mask 0.0.0.255, dst 14.38.200.0 mask 0.0.0.255

                                SEV=8 IPSECDBG/1 RPT=142 13:27:14.260 08/07/2002 155
                                          KeyProcessAdd: FilterIpsecAddIkeSa success

                                 SEV=9 IPSECDBG/6 RPT=38 13:27:14.260 08/07/2002 156
    IPSEC key message parse - msgtype 3, len 335, vers 1, pid 00000000, seq 0, err 0
    type 2, mode 1, state 32, label 0, pad 0, spi 26d1dab1, encrKeyLen 24, hashKey ,
    Len 16, ivlen 8, alg 2, hmacAlg 3, lifetype 0, lifetime1 21, lifetime2 0, dsId 0

                                SEV=9 IPSECDBG/1 RPT=143 13:27:14.260 08/07/2002 159
                                                !Processing KEY_UPDATE msg

                                SEV=9 IPSECDBG/1 RPT=144 13:27:14.260 08/07/2002 160
                                              Update inbound SA addresses

                                SEV=9 IPSECDBG/1 RPT=145 13:27:14.260 08/07/2002 161
                                           key_msghdr2secassoc(): Enter

                                SEV=7 IPSECDBG/1 RPT=146 13:27:14.260 08/07/2002 162
                                              No USER filter configured

                                SEV=9 IPSECDBG/1 RPT=147 13:27:14.260 08/07/2002 163
                                                 KeyProcessUpdate: Enter

                                SEV=8 IPSECDBG/1 RPT=148 13:27:14.260 08/07/2002 164
                                              KeyProcessUpdate: success

                                    SEV=8 IKEDBG/7 RPT=8 13:27:14.260 08/07/2002 165
                                      IKE got a KEY_ADD msg for SA: SPI = 0x2f285111

                                SEV=8 IKEDBG/0 RPT=52336 13:27:14.260 08/07/2002 166
                                          pitcher: rcv KEY_UPDATE, spi 0x26d1dab1

                    SEV=4 IKE/120 RPT=9 172.18.124.131 13:27:14.260 08/07/2002 167
                                                    [Group [172.18.124.131
                                           (PHASE 2 COMPLETED (msgid=201d0d40

                                SEV=7 IPSECDBG/1 RPT=149 13:27:15.970 08/07/2002 168
                                          !IPSec Inbound SA has received data

                                SEV=8 IKEDBG/0 RPT=52337 13:27:15.970 08/07/2002 169
                                          pitcher: recv KEY_SA_ACTIVE spi 0x26d1dab1

                                SEV=8 IKEDBG/0 RPT=52338 13:27:15.970 08/07/2002 170
    KEY_SA_ACTIVE no old rekey centry found with new spi 0x26d1dab1, mess_id 0x0
```

معلومات ذات صلة

- صفحة دعم مركز Cisco VPN 3000 Series
- صفحة دعم عميل Cisco VPN 3000 Series
- صفحة دعم IPSec
- الدعم الفني - Cisco Systems

حول هذه الترجمة
ترجمت Cisco هذا المستند باستخدام مجموعة من التقنيات الآلية والبشرية لتقديم محتوى دعم للمستخدمين في جميع أنحاء العالم بلغتهم الخاصة. يُرجى ملاحظة أن أفضل ترجمة آلية لن تكون دقيقة كما هو الحال مع الترجمة الاحترافية التي يقدمها مترجم محترف. تخلي Cisco Systems مسئوليتها عن دقة هذه الترجمات وتُوصي بالرجوع دائمًا إلى المستند الإنجليزي الأصلي (الرابط متوفر).