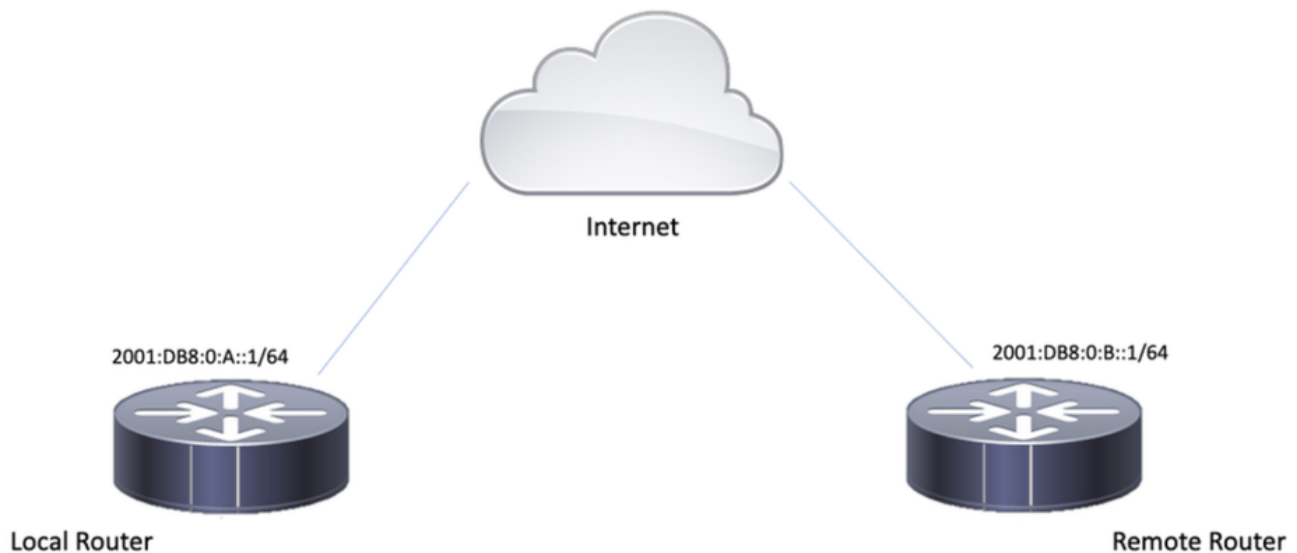


ةصاخ ةي لم عم ةئي ب ي ف ةدوجوملا ةزهجالا نم دنتسمل اذه ي ف ةدراول تامولعمل عاشنا مت
تناك اذا .(يضرارتفا) حوسم نيوكتب دنتسمل اذه ي ف ةمدختسمل ةزهجالا عي مج تاذب
رما يأل لم تحتمل ريثأتلل كمهف نم دكأتف ،ليغشتلا ديق كتكبش

نېوكتال

ەكېشلل يطي طختال مسرل



تانېوكتال

يلى حمال ەجومال

IPv6 ل يداحال ثبلال ەيچوت نېكمت 1. ەوطخال

```
ipv6 unicast-routing
```

ەجومال تاهچاوانېوكتب مق 2. ەوطخال

```
interface GigabitEthernet1
ipv6 address 2001:DB8:0:A::1/64
no shutdown
```

```
interface GigabitEthernet2
ipv6 address FC00::1/64
no shutdown
```

IPv6 ل يضرارفال راسمال نېيغت 3. ەوطخال

```
ipv6 route ::/0 GigabitEthernet1
```

1. ةلحرمل جهن نيوكت 4. ةوطخل

```
crypto isakmp policy 10
encryption aes
authentication pre-share
group 14
```

اقبس م كرتشم حاتفم مادختساب حيتافملا ةقلح نيوكتب مق 5. ةوطخل

```
crypto keyring IPV6_KEY
pre-shared-key address ipv6 2001:DB8:0:B::1/128 key cisco123
```

ISAKMP فيرعت فلم نيوكتب مق 6. ةوطخل

```
crypto isakmp profile ISAKMP_PROFILE_LAB
keyring IPV6_KEY
match identity address ipv6 2001:DB8:0:B::1/128
```

2. ةلحرمل جهن نيوكت 7. ةوطخل

```
crypto ipsec transform-set ESP-AES-SHA esp-aes esp-sha-hmac
mode tunnel
```

IPsec فيرعت فلم نيوكت 8. ةوطخل

```
crypto ipsec profile Prof1
set transform-set ESP-AES-SHA
```

قفلنلا ةهجاو نيوكتب مق 9. ةوطخل

```
interface Tunnel0
no ip address
ipv6 address 2012::1/64
```

```
ipv6 enable
tunnel source GigabitEthernet1
tunnel mode ipsec ipv6
tunnel destination 2001:DB8:0:B::1
tunnel protection ipsec profile Prof1
end
```

ةديفملا رورملا ةكرحل تاراسملا نيوكتب مق 10. ةوطخل

```
ipv6 route FC00::/64 2012::1
```

ي لحمل هجوملل يئاهنلا نيوكتلل

```
ipv6 unicast-routing
!
interface GigabitEthernet1
ipv6 address 2001:DB8:0:A::1/64
no shutdown
```

```
!
```

```
interface GigabitEthernet2
ipv6 address FC00::1/64
no shutdown
```

```
!
```

```
ipv6 route ::/0 GigabitEthernet1
```

```
!
```

```
crypto isakmp policy 10
encryption aes
authentication pre-share
group 14
```

```
!
```

```
crypto keyring IPV6_KEY
pre-shared-key address ipv6 2001:DB8:0:B::1/128 key cisco123
```

```
!
```

```
crypto isakmp profile ISAKMP_PROFILE_LAB
keyring IPV6_KEY
match identity address ipv6 2001:DB8:0:B::1/128
```

```
!
```

```
crypto ipsec transform-set ESP-AES-SHA esp-aes esp-sha-hmac
mode tunnel
```

```
!  
  
crypto ipsec profile Prof1  
  set transform-set ESP-AES-SHA  
  
!  
  
interface Tunnel0  
  no ip address  
  ipv6 address 2012::1/64  
  ipv6 enable  
  tunnel source GigabitEthernet1  
  tunnel mode ipsec ipv6  
  tunnel destination 2001:DB8:0:B::1  
  tunnel protection ipsec profile Prof1  
end  
  
!  
  
ipv6 route FC00::/64 2012::1
```

دع ب ن ع ه ج و م ل ل ي ئ ا ه ن ل ا ن ي و ك ت ل ا

```
ipv6 unicast-routing  
!  
interface GigabitEthernet1  
  ipv6 address 2001:DB8:0:B::1/64  
  no shutdown  
  
!  
  
interface GigabitEthernet2  
  ipv6 address FC01::1/64  
  no shutdown  
  
!  
  
ipv6 route ::/0 GigabitEthernet1  
  
!  
  
crypto isakmp policy 10  
  encryption aes  
  authentication pre-share  
  group 14  
  
!  
  
crypto keyring IPV6_KEY  
  pre-shared-key address ipv6 2001:DB8:0:A::1/128 key cisco123  
  
!  
  
crypto isakmp profile ISAKMP_PROFILE_LAB  
  keyring IPV6_KEY  
  match identity address ipv6 2001:DB8:0:A::1/128
```

```

!

crypto ipsec transform-set ESP-AES-SHA esp-aes esp-sha-hmac
mode tunnel

!

crypto ipsec profile Prof1
set transform-set ESP-AES-SHA

!

interface Tunnel0
no ip address
ipv6 address 2012::2/64
ipv6 enable
tunnel source GigabitEthernet1
tunnel mode ipsec ipv6
tunnel destination 2001:DB8:0:A::1
tunnel protection ipsec profile Prof1
end

!

ipv6 route FC00::/64 2012::1

```

اهحال صإو ءاطخأل فاشك تسا

رماً debug لآ ،قفللآ تيرحت in order to تلمعتسا

- debug crypto isakmp
- debug crypto isakmp أطخ
- debug crypto ipSec
- IPsec لوكوتورب يف ريفشتلآ ءاطخأ ححصت أطخ

ةمچرتل هذه ل و ح

ةيلآل ا تاي ن ق ت ل ا ن م ة و م ج م ا د خ ت س ا ب د ن ت س م ل ا ا ذ ه Cisco ت م چ ر ت م ل ا ع ل ا ا ح ن ا ع م ج ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل ا و ا م ك ة ق ي ق د ن و ك ت ن ل ة ي ل آ ة م چ ر ت ل ض ف ا ن ا ة ط ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب Cisco ي ل خ ت . ف ر ت ح م م چ ر ت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة م چ ر ت ل ا ع م ل ا ح ل ا و ه ي ل ا ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا م چ ر ت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا د ن ت س م ل ا