

Cisco IOS XE ةزهجأ ىلع VXLAN ةزيم نيوكت

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ةمدقملا

تانايب زكارم لاصتا لحك اعويش رثكأ (VXLAN) ةدتمملا ةيرهاظلا LAN ةكبش تحبصأ لاجم ربع 2 ةقبطلادادتما ري فوتل VXLAN ةكبش ةزيم مادختسا متي. (DCI) ينيبال عاڤخألا فاشكتسا ويساسألا نيوكتلا دنتمملا اذه شقان ي. 3 ةقبطلال/ماعال هيحوتلا Cisco IOS XE ةزهجأ ىلع اهحالص او

نيهويرانيس دنتمملا اذه نم ققحتلا ونيوكتلا ماسقا ي طغت:

- ثبلا عضويف تانايب زكارم ةثالث ني ب VXLAN ةكبش نيوكت أ ويرانيسلا فص ي ددعتملا.
- يداحألا ثبلا عضويف تانايب يزكرم ني ب VXLAN ةكبش نيوكت B ويرانيسلا فص ي.

ةيساسألا تابلطتملا

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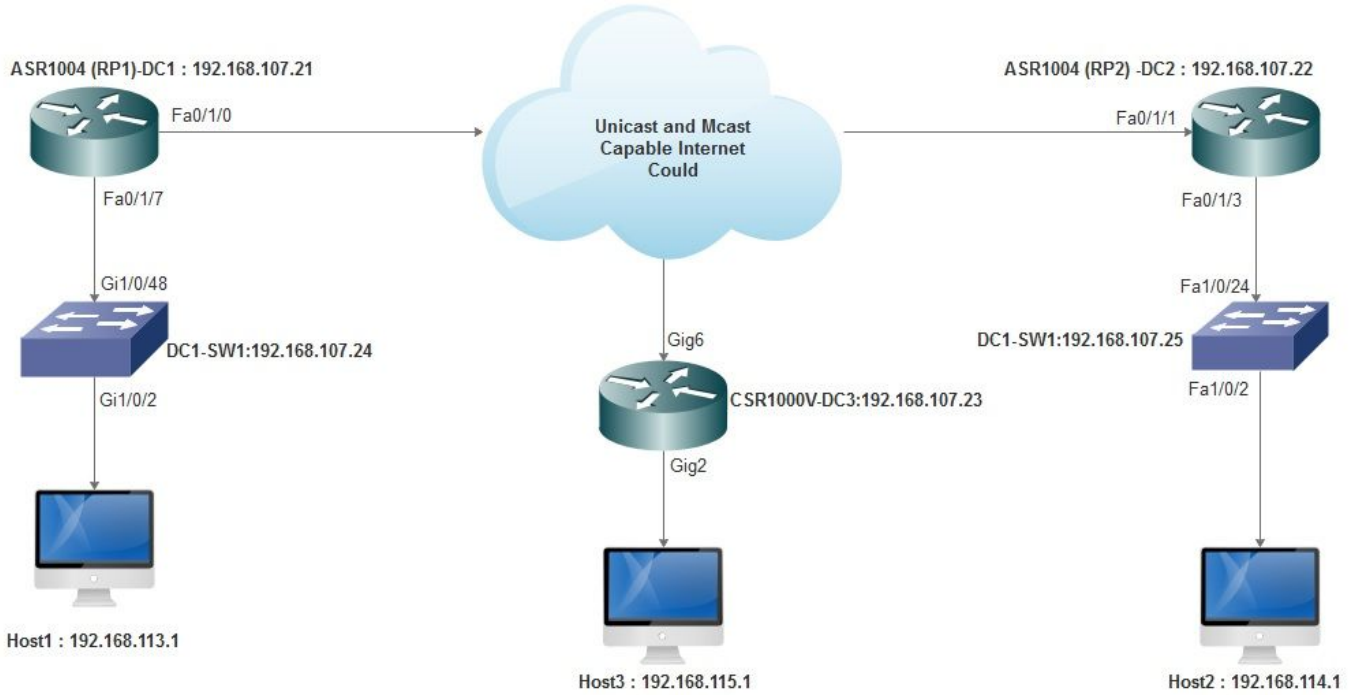

```

!
DC1#show run interface lo1
Building configuration...
Current configuration : 83 bytes
!
interface Loopback1
ip address 1.1.1.1 255.255.255.255
ip pim sparse-mode
end

```

ثبلا راسم لودج یرت كن اوكب صاخلا زاهجلا ىلع ددعتملا ثبلا هي جوت ني كمت نم اضيأ دكأت هؤل م متي يذلا ددعتملا

ةكبش لل يطيختلا مسرلا



نيوكت DC1(VTEP1)

```

!
!
Vxlan udp port 1024
!
Interface Loopback1
ip address 1.1.1.1 255.255.255.255
ip pim sparse-mode
!

```

ل:كش ت domain-رسج تحت نراق وضعلاو وضع VNI ل تنيع

```

!
bridge-domain 1
member vni 6001
member FastEthernet0/1/7 service-instance 1
!

```

ربع مه عيسوت مزلي نيذلا VNI اضعأ دحو (NVE) ةكبش لل يره اظلا ةه جاولا عاشن اب مق

يُرخألأ تانايبلأ زكارم ىلإ قاطنلأ ةعساو لاصتالأ ةكبش:

```
!  
interface nve1  
no ip address  
shut  
member vni 6001 mcast-group 239.0.0.10  
!  
source-interface Loopback1  
!
```

صاخ VLAN لآ فلغي نأ (ةكبش لآ طبري نأ نراق لآ، that is، نراق لآ ربق لآ لاثم ةمدخ تقلخ
VLAN 1، ةلألأ هذآ ف - رورم ةكرح 802.1q tagged)

```
!  
interface FastEthernet0/1/7  
no ip address  
negotiation auto  
cdp enable  
no shut  
!
```

رورم ةكرح عجري نأ دعب اء عفدو، ةيشغتلا ربق رورم ةكرح لآ لسري لبق ةقاطب VLAN لآ تلزلأ
VLAN لآ ىلإ تلسرأ نوكي:

```
!  
service instance 1 ethernet  
encapsulation untagged  
!
```

نيوكت DC2(VTEP2)

```
!  
!  
Vxlan udp port 1024  
!  
interface Loopback1  
ip address 2.2.2.2 255.255.255.255  
ip pim sparse-mode  
!  
!  
bridge-domain 1  
member vni 6001  
member FastEthernet0/1/3 service-instance 1  
!  
!  
interface nve1  
no ip address  
member vni 6001 mcast-group 239.0.0.10  
!  
source-interface Loopback1  
shut  
!  
!  
interface FastEthernet0/1/3
```

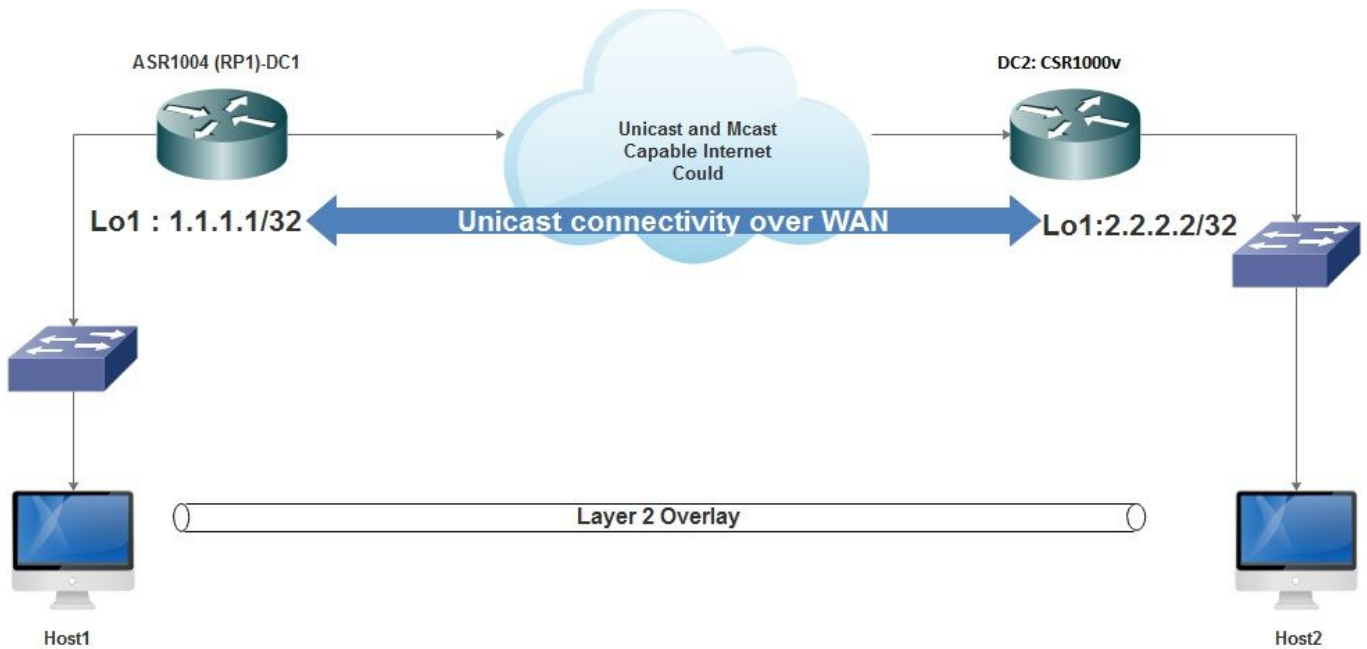
```
no ip address
negotiation auto
cdp enable
no shut
!
service instance 1 ethernet
encapsulation untagged
!
```

نېوكت DC3(VTEP3)

```
!
!
Vxlan udp port 1024
!
interface Loopback1
ip address 3.3.3.3 255.255.255.255
ip pim sparse-mode
!
!
bridge-domain 1
member vni 6001
member GigabitEthernet2 service-instance 1
!
interface nve1
no ip address
shut
member vni 6001 mcast-group 239.0.0.10
!
source-interface Loopback1
!
interface gig2
no ip address
negotiation auto
cdp enable
no shut
!
service instance 1 ethernet
encapsulation untagged
!
```

ثبلا عضو يف تانايب يزكرم نيب VXLAN ةكبش نيوكت :ب ويرانيسلا
يداحالا

ةكبش ل لطختلا مسرلا



DC1 نېوكت

```

!
interface nve1
no ip address
member vni 6001
! ingress replication should be configured as peer data centers loopback IP address.
!
ingress-replication 2.2.2.2
!
source-interface Loopback1
!
!
interface gig0/2/1
no ip address
negotiation auto
cdp enable
!
service instance 1 ethernet
encapsulation untagged

!
!
!
bridge-domain 1
member vni 6001
member gig0/2/1 service-instance 1

```

DC2 نېوكت

```

!
interface nve1
no ip address
member vni 6001
ingress-replication 1.1.1.1
!
source-interface Loopback1
!

```

```
!  
interface gig5  
no ip address  
negotiation auto  
cdp enable  
!  
service instance 1 ethernet  
encapsulation untagged  
  
!  
!  
bridge-domain 1  
member vni 6001  
member gig5 service-instance 1
```

تحصيل نم ققحتل

ثبلا عضو يف تانايب زكارم ةثالث نيب VXLAN ةكبش نيوكت أ: ويرانيسلا ددعتل

تانايب زكارم لك يف ةلصتملا تافيفيضملا نيوكت نأ بجي A، ويرانيسلا نيوكت لامك إ دعب هسفن ثبلا لاجم لخاد ضعبل اهضعب ل لإ لوصولا ل ع ةرداق.

ءاب ويرانيسلا راطا يف ةلثمألا ضعب درتو. تانايب نيوكت ل نم ققحتل ل رم اوألا هذه مدختسأ

```
Router#show nve vni  
Router#show nve vni interface nve1  
Router#show nve interface nve1  
Router#show nve interface nve1 detail  
Router#show nve peers
```

ثبلا عضو يف تانايب زكارم نيب VXLAN ةكبش نيوكت ب: ويرانيسلا يداحألا

في DC1:

```
DC1#show nve vni  
Interface VNI Multicast-group VNI state  
nve1 6001 N/A Up
```

```
DC1#show nve interface nve1 detail  
Interface: nve1, State: Admin Up, Oper Up Encapsulation: Vxlan  
source-interface: Loopback1 (primary:1.1.1.1 vrf:0)  
Pkts In Bytes In Pkts Out Bytes Out  
60129 6593586 55067 5303698
```

```
DC1#show nve peers  
Interface Peer-IP VNI Peer state  
nve1 2.2.2.2 6000 -
```

في DC2:

```
DC2#show nve vni
```

```
Interface VNI Multicast-group VNI state
nve1 6000 N/A Up
```

DC2#show nve interface nve1 detail

```
Interface: nve1, State: Admin Up, Oper Up Encapsulation: Vxlan
source-interface: Loopback1 (primary:2.2.2.2 vrf:0)
Pkts In Bytes In Pkts Out Bytes Out
70408 7921636 44840 3950835
```

DC2#show nve peers

```
Interface Peer-IP VNI Peer state
nve 1 1.1.1.1 6000 Up
```

DC2#show bridge-domain 1

```
Bridge-domain 1 (3 ports in all)
State: UP Mac learning: Enabled
Aging-Timer: 300 second(s)
BDI1 (up)
GigabitEthernet0/2/1 service instance 1
vni 6001
AED MAC address Policy Tag Age Pseudoport
0 7CAD.74FF.2F66 forward dynamic 281 nve1.VNI6001, VxLAN src: 1.1.1.1 dst: 2.2.2.2
0 B838.6130.DA80 forward dynamic 288 nve1.VNI6001, VxLAN src: 1.1.1.1 dst: 2.2.2.2
0 0050.56AD.1AD8 forward dynamic 157 nve1.VNI6001, VxLAN src: 1.1.1.1 dst: 2.2.2.2
```

اهحال صإو عاطخأل فاشك تسإ

اهحال صإو عاطخأل فاشك تسإل ةيساسأل تاوطخأل ققحتلإ مسق يف ةحضوملإ رمأوالأ رفوت ل.مع ي ال ماظنلإ نوكي ام دنع ةديفم ةيفاضلإل تا صيخشتلإ هذه نوكت نأ نكم ي

ةجلإ عملإ ةدحو مادختسإ ةدايزي ف هذه صيخشتلإ تايلمع ضع ب ببستت دق: ةظحال م ةركاذلإو ةيزك رملإ.

حيحصتلإ تا صيخشت

#debug nve error

```
*Jan 4 20:00:54.993: NVE-MGR-PEER ERROR: Intf state force down successful for mcast nodes cast nodes
*Jan 4 20:00:54.993: NVE-MGR-PEER ERROR: Intf state force down successful for mcast nodes cast nodes
*Jan 4 20:00:54.995: NVE-MGR-PEER ERROR: Intf state force down successful for peer nodes eer nodes
*Jan 4 20:00:54.995: NVE-MGR-PEER ERROR: Intf state force down successful for peer nodes
```

#show nve log error

```
[01/01/70 00:04:34.130 UTC 1 3] NVE-MGR-STATE ERROR: vni 6001: error in create notification to Tunnel
[01/01/70 00:04:34.314 UTC 2 3] NVE-MGR-PEER ERROR: Intf state force up successful for mcast nodes
[01/01/70 00:04:34.326 UTC 3 3] NVE-MGR-PEER ERROR: Intf state force up successful for peer nodes
[01/01/70 01:50:59.650 UTC 4 3] NVE-MGR-PEER ERROR: Intf state force down successful for mcast nodes
[01/01/70 01:50:59.654 UTC 5 3] NVE-MGR-PEER ERROR: Intf state force down successful for peer nodes
[01/01/70 01:50:59.701 UTC 6 3] NVE-MGR-PEER ERROR: Intf state force up successful for mcast nodes
[01/01/70 01:50:59.705 UTC 7 3] NVE-MGR-PEER ERROR: Intf state force up successful for peer nodes
[01/01/70 01:54:55.166 UTC 8 61] NVE-MGR-PEER ERROR: Intf state force down successful for mcast
```



```
nodes
[01/01/70 01:54:55.168 UTC 9 61] NVE-MGR-PEER ERROR: Intf state force down successful for peer
nodes
[01/01/70 01:55:04.432 UTC A 3] NVE-MGR-PEER ERROR: Intf state force up successful for mcast
nodes
[01/01/70 01:55:04.434 UTC B 3] NVE-MGR-PEER ERROR: Intf state force up successful for peer
nodes
[01/01/70 01:55:37.670 UTC C 61] NVE-MGR-PEER ERROR: Intf state force down successful for mcast
nodes
```

#show nve log event

```
[01/04/70 19:48:51.883 UTC 1DD16 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:48:51.884 UTC 1DD17 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
[01/04/70 19:48:51.884 UTC 1DD18 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:49:01.884 UTC 1DD19 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
[01/04/70 19:49:01.884 UTC 1DD1A 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:49:01.885 UTC 1DD1B 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
[01/04/70 19:49:01.885 UTC 1DD1C 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:49:11.886 UTC 1DD1D 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
[01/04/70 19:49:11.886 UTC 1DD1E 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:49:11.887 UTC 1DD1F 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
[01/04/70 19:49:11.887 UTC 1DD20 68] NVE-MGR-DB: Return vni 6001 for pi_hdl[0x437C9B68]
[01/04/70 19:49:21.884 UTC 1DD21 68] NVE-MGR-DB: Return pd_hdl[0x1020010] for pi_hdl[0x437C9B68]
```

ةنمضم ةمزح طاقنالا

Cisco IOS XE ءم ان رب يف ةرفونم ال " (EPC) ةنمضم ال ةمزح ال طاقنالا" ةزيم رفون نأ نكم يف اءال صاوا ءاطءال افاشك نسال ءيفاضا تامول عم

VXLAN ةطساوب اهنمضت م تي تي ال ةمزح ال طاقنالا اءه ءرشي ، لاثم ال ل بس س ل ع

(طاقنالا تانايب ءيفصلت ل ةمدختسم ال لوصولا ةمئاق وه TEST_ACL) EPC نيوكت

```
#monitor capture TEST access-list TEST_ACL interface gigabitEthernet0/2/0 both
```

```
#monitor capture TEST buffer size 10
```

```
#monitor capture TEST start
```

:ءتنني نأ ءرفن طبرلا انه

```
# show monitor capture TEST buffer dump
```

```
# monitor capture TEST export bootflash:TEST.pcap // with this command
you can export the capture in pcap format to the bootflash,
which can be downloaded and opened in wireshark.
```

ربع طبيسبالا (ICMP) تنرتن ال يف مكءنل لئاسر لوكوتورب لمع ءيفيك ءرشي لاثم انه VXLAN.

VXLAN ءكبش ءيشء ربع (ARP) ناونع ال ل لءل لوكوتورب لاسر ل مء

```

> Frame 58: 110 bytes on wire (880 bits), 110 bytes captured (880 bits)
> Ethernet II, Src: CiscoInc_ef:79:20 (c4:64:13:ef:79:20), Dst: Vmware_b3:56:56 (00:50:56:b3:56:56)
> Internet Protocol Version 4, Src: 1.1.1.1, Dst: 2.2.2.2
> User Datagram Protocol, Src Port: 1024 (1024), Dst Port: 1024 (1024)
# Virtual eXtensible Local Area Network
  > Flags: 0x0800, VXLAN Network ID (VNI)
    Group Policy ID: 0
    VXLAN Network Identifier (VNI): 6001
    Reserved: 0
  > Ethernet II, Src: Vmware_87:4e:9c (00:50:56:87:4e:9c), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
# Address Resolution Protocol (request)
  Hardware type: Ethernet (1)
  Protocol type: IPv4 (0x0800)
  Hardware size: 6
  Protocol size: 4
  Opcode: request (1)
  Sender MAC address: Vmware_87:4e:9c (00:50:56:87:4e:9c)
  Sender IP address: 192.192.192.1
  Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Target IP address: 192.192.192.2

```

ARP: عباجتسا

```

> Frame 59: 110 bytes on wire (880 bits), 110 bytes captured (880 bits)
> Ethernet II, Src: Vmware_b3:56:56 (00:50:56:b3:56:56), Dst: CiscoInc_ef:79:20 (c4:64:13:ef:79:20)
> Internet Protocol Version 4, Src: 2.2.2.2, Dst: 1.1.1.1
> User Datagram Protocol, Src Port: 8457 (8457), Dst Port: 1024 (1024)
# Virtual eXtensible Local Area Network
  > Flags: 0x0800, VXLAN Network ID (VNI)
    Group Policy ID: 0
    VXLAN Network Identifier (VNI): 6001
    Reserved: 0
  > Ethernet II, Src: Vmware_31:8a:5a (00:0c:29:31:8a:5a), Dst: Vmware_87:4e:9c (00:50:56:87:4e:9c)
# Address Resolution Protocol (reply)
  Hardware type: Ethernet (1)
  Protocol type: IPv4 (0x0800)
  Hardware size: 6
  Protocol size: 4
  Opcode: reply (2)
  Sender MAC address: Vmware_31:8a:5a (00:0c:29:31:8a:5a)
  Sender IP address: 192.192.192.2
  Target MAC address: Vmware_87:4e:9c (00:50:56:87:4e:9c)
  Target IP address: 192.192.192.1

```

ICMP: بط

```

> Frame 61: 124 bytes on wire (992 bits), 124 bytes captured (992 bits)
> Ethernet II, Src: CiscoInc_ef:79:20 (c4:64:13:ef:79:20), Dst: Vmware_b3:56:56 (00:50:56:b3:56:56)
> Internet Protocol Version 4, Src: 1.1.1.1, Dst: 2.2.2.2
> User Datagram Protocol, Src Port: 52141 (52141), Dst Port: 1024 (1024)
# Virtual eXtensible Local Area Network
  # Flags: 0x0800, VXLAN Network ID (VNI)
    0... .. = GBP Extension: Not defined
    ... .. .0.. .. = Don't Learn: False
    ... 1... .. = VXLAN Network ID (VNI): True
    ... .. .0... = Policy Applied: False
    .000 .000 0.00 .000 = Reserved(R): False
  Group Policy ID: 0
  VXLAN Network Identifier (VNI): 6001
  Reserved: 0
  > Ethernet II, Src: Vmware_87:4e:9c (00:50:56:87:4e:9c), Dst: Vmware_31:8a:5a (00:0c:29:31:8a:5a)
  > Internet Protocol Version 4, Src: 192.192.192.1, Dst: 192.192.192.2
  > Internet Control Message Protocol

```

ICMP: عباجتسا

```

> Frame 66: 124 bytes on wire (992 bits), 124 bytes captured (992 bits)
> Ethernet II, Src: Vmware_b3:56:56 (00:50:56:b3:56:56), Dst: CiscoInc_ef:79:20 (c4:64:13:ef:79:20)
> Internet Protocol Version 4, Src: 2.2.2.2, Dst: 1.1.1.1
> User Datagram Protocol, Src Port: 35478 (35478), Dst Port: 1024 (1024)
# Virtual eXtensible Local Area Network
  # Flags: 0x0800, VXLAN Network ID (VNI)
    0... .. = GBP Extension: Not defined
    .... .0.. = Don't Learn: False
    .... 1... = VXLAN Network ID (VNI): True
    .... .. 0... = Policy Applied: False
    .000 .000 0.00 .000 = Reserved(R): False
  Group Policy ID: 0
  VXLAN Network Identifier (VNI): 6001
  Reserved: 0
> Ethernet II, Src: Vmware_31:8a:5a (00:0c:29:31:8a:5a), Dst: Vmware_87:4e:9c (00:50:56:87:4e:9c)
> Internet Protocol Version 4, Src: 192.192.192.2, Dst: 192.192.192.1
# Internet Control Message Protocol
  Type: 0 (Echo (ping) reply)
  Code: 0
  Checksum: 0xeefb [correct]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 26207 (0x665f)
  Sequence number (LE): 24422 (0x5f66)
  [Request frame: 61]
  [Response time: 7.003 ms]
# Data (32 bytes)
  Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
  [Length: 32]

```

ۆي فاضإل اءال صإو اءاخأل فاشك تساو اءاخأل اءي ءصت رم او

ءال صإو اءاخأل فاشك تساو اءاخأل اءي ءصت رم او ضعب م سقل اءه فص ي

مامضن ال اءنكم ي ال NVE ءه ءو نأ اءاخأل اءي ءصت نم ءزي ممل اءا ءأل رهظت ، ل اءم اءه ي ف ءئائتن ريشت . VNI 6002 ل VXLAN ن ي م ضت ن ي ك م ت م ت ي م ل ، ك ل ذل . دءءتم ل اءل ءو م ءم ي ل ءك ب ل ل ي ل ء دءءتم ل اءل ف ل ك اءم ي ل اءه اءاخأل اءي ءصت

```
#debug nve all
```

```

*Jan 5 06:13:55.844: NVE-MGR-DB: creating mcast node for 239.0.0.10
*Jan 5 06:13:55.846: NVE-MGR-MCAST: IGMP add for (0.0.0.0,239.0.0.10) was failure
*Jan 5 06:13:55.846: NVE-MGR-DB ERROR: Unable to join mcast core tree
*Jan 5 06:13:55.846: NVE-MGR-DB ERROR: Unable to join mcast core tree
*Jan 5 06:13:55.846: NVE-MGR-STATE ERROR: vni 6002: error in create notification to mcast
*Jan 5 06:13:55.846: NVE-MGR-STATE ERROR: vni 6002: error in create notification to mcast
*Jan 5 06:13:55.849: NVE-MGR-TUNNEL: Tunnel Endpoint 239.0.0.10 added
*Jan 5 06:13:55.849: NVE-MGR-TUNNEL: Endpoint 239.0.0.10 added
*Jan 5 06:13:55.851: NVE-MGR-EI: Notifying BD engine of VNI 6002 create
*Jan 5 06:13:55.857: NVE-MGR-DB: Return vni 6002 for pi_hdl[0x437C9B28]
*Jan 5 06:13:55.857: NVE-MGR-EI: VNI 6002: BD state changed to up, vni state to Down

```

ءل اسر اءم ت ي س ي ذل (IGMP) تنرتن ال اءو م ءم ءرا ءل لو ءو تورب ءو وضع ري رقت ي ل ي ام ي ف ءب ل ءو م ءم ي ل VNI مامضن اءءم ب

```

> Frame 4649: 46 bytes on wire (368 bits), 46 bytes captured (368 bits)
> Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
* Internet Protocol Version 4, Src: 1.1.1.1, Dst: 239.0.0.10
  0100 .... = Version: 4
  .... 0110 = Header Length: 24 bytes (6)
  > Differentiated Services Field: 0xc0 (DSCP: CS6, ECN: Not-ECT)
    Total Length: 32
    Identification: 0xab96 (43926)
  > Flags: 0x00
    Fragment offset: 0
    Time to live: 1
    Protocol: IGMP (2)
  > Header checksum: 0x0775 [validation disabled]
    Source: 1.1.1.1
    Destination: 239.0.0.10
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
  * Options: (4 bytes), Router Alert
    * Router Alert (4 bytes): Router shall examine packet (0)
      * Type: 148
        1... .... = Copy on fragmentation: Yes
        .00. .... = Class: Control (0)
        ...1 0100 = Number: Router Alert (20)
        Length: 4
        Router Alert: Router shall examine packet (0)
  * Internet Group Management Protocol
    [IGMP Version: 2]
    Type: Membership Report (0x16)
    Max Resp Time: 0.0 sec (0x00)
    Header checksum: 0xfaf4 [correct]
    Multicast Address: 239.0.0.10

```

NVE نمض VNI نيوكت نيوكت دعب ةعقوت ملاءاطخ الاءحي حصت ةجيتن لاثملا اذه حضوي
 :عقوت م وه امك لمعبي ددعت ملاءاطخ الاءك اذا، ددعت ملاءاطخ الاءك

```

*Jan 5 06:19:20.335: NVE-MGR-DB: [IF 0x14]VNI node creation
*Jan 5 06:19:20.335: NVE-MGR-DB: VNI Node created [437C9B28]
*Jan 5 06:19:20.336: NVE-MGR-PD: VNI 6002 create notification to PD
*Jan 5 06:19:20.336: NVE-MGR-PD: VNI 6002 Create notif successful, map [pd 0x1020017] to [pi 0x437C9B28]
*Jan 5 06:19:20.336: NVE-MGR-DB: creating mcast node for 239.0.0.10
*Jan 5 06:19:20.342: NVE-MGR-MCAST: IGMP add for (0.0.0.0,239.0.0.10) was successful
*Jan 5 06:19:20.345: NVE-MGR-TUNNEL: Tunnel Endpoint 239.0.0.10 added
*Jan 5 06:19:20.345: NVE-MGR-TUNNEL: Endpoint 239.0.0.10 added
*Jan 5 06:19:20.347: NVE-MGR-EI: Notifying BD engine of VNI 6002 create
*Jan 5 06:19:20.347: NVE-MGR-DB: Return pd_hdl[0x1020017] for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.347: NVE-MGR-DB: Return vni 6002 for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.349: NVE-MGR-DB: Return vni state Create for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.349: NVE-MGR-DB: Return vni state Create for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.349: NVE-MGR-DB: Return vni 6002 for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.351: NVE-MGR-EI: L2FIB query for info 0x437C9B28
*Jan 5 06:19:20.351: NVE-MGR-EI: PP up notification for bd_id 3
*Jan 5 06:19:20.351: NVE-MGR-DB: Return vni 6002 for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.352: NVE-MGR-STATE: vni 6002: Notify clients of state change Create to Up
*Jan 5 06:19:20.352: NVE-MGR-DB: Return vni 6002 for pi_hdl[0x437C9B28]
*Jan 5 06:19:20.353: NVE-MGR-PD: VNI 6002 Create to Up State update to PD successful
*Jan 5 06:19:20.353: NVE-MGR-EI: VNI 6002: BD state changed to up, vni state to Up
*Jan 5 06:19:20.353: NVE-MGR-STATE: vni 6002: No state change Up
*Jan 5 06:19:20.353: NVE-MGR-STATE: vni 6002: New State as a result of create Up

```

ةلص تاذا تامولعم

- [Cisco CSR 1000V VxLAN مع د](#)
- [Cisco ASR 1000 Series زارط عي مچتلا تامدخ تاهجوم جمارب نيوكت ليلد](#)
- [Cisco Systems - تادنت سمل او ينقتلا مع دلا](#)

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