

| コマンド   | 実行方法       | 説明   | (注)の欄に詳細あり   |
|--|------------|--|--|
| 1 install-usbnet   | インストール     | 機能モードへの切り替え<br>コンフィギュレーションメニューへの移行<br><b>再起動は必須です。</b> | -  |
| 2 reload   | 再読み込み      | 設定の再読み込み<br><b>(再起動は不要です。)</b>                         | -  |
| 4 mode <ポイントクラウド>  | モード切替      | モード切替<br><b>(再起動は必要です。)</b>                            | -  |
| 5 reset run start/<br>reset manually                               | リセット       | リセット<br><b>(再起動は必要です。)</b>                             | -  |
| 6 terminal length 0  | 出力制限の変更    | —More— 表示の無効化。(一度に結果が表示される)                            | -  |
| 7 terminal monitor/<br>terminal no monitor                         | ログ監視       | ログ監視のオン/オフ(出力内容が有効化、無効化)                               | -  |
| 8 show config  | 設定確認       | 全パラメータの確認  | -  |
| 9 ping <IPアドレス><br>ping vrf <VRF番号> <宛先アドレス>                       | 疎通確認       | 指定アドレスとの疎通性を確認する                                       | <pre> non-restarting vrf 10.52.94.210.44 Type response to abort. Sending 5, 100 bytes ICMP Echo to 10.52.94.210.44, timeout is 2 seconds: !!! Success rate is 100 percent (5/5), round-trip min/avg/max = 130/129/140 ms </pre>  |
| 10 bradminmode <既定アドレス>/<br>install-usbnet                         | 初期設定       | CPEから最初までの初期化も実施する                                     | <pre> non-usbethmode vrf 10.8.8.8 Type response to abort. Tracing the route to 8.8.8.8 VRF info: (et in name/id, vrf out name/id)   0/0   11 8.8.8.8 0 msec 0 msec 0 msec </pre>   |
| 11 show version  | ソフトウェア情報   | 稼働のversion情報、UPTIMEを表示する                               | <pre> non-usbethmode version Cisco IOS XE Software, Version 17.3.02 Cisco IOS Software [Asterisk], IOS Software (X86_64_LINUX_IOSD-UNIVERSALK9-M), Version 17.3.2, RELEASE SOFTWARE (fc3) Technical Support: http://www.cisco.com/techsupport Copyright (c) 1986-2009 by Cisco Systems, Inc. Compiled Sat 31-Oct-09 11:33 by mryne  Cisco IOS XE software, Copyright (c) 2005-2009 by Cisco Systems, Inc. All rights reserved. Certain components of Cisco IOS XE software are licensed under the GNU General Public License ("GPL") Version 2.0. The software code licensed under GPL Version 2.0 is free software that comes with ABSOLUTELY NO WARRANTY. You can redistribute and/or modify such GPL code under the terms of GPL Version 2.0. For more details, see the documentation at "License Notice" file accompanying the IOS-XE software, or the applicable URL provided on the page accompanying the IOS-XE software. ROM: 16.12(x)  non-start uptime is 1 week, 19 hours, 38 minutes Uptime for this control processor is 1 week, 19 hours, 38 minutes --- top --- </pre>  |
| 12 show usbeth control connections                                 | コントロール情報   | <show>(Manage)とのコネクション情報を出力させる                         | <pre> non-usbethmode usbeth control summary PEER PEER PEER SITE DOMAIN PEER TYPE PROT DYNAMIC IP ID PRIVATE IP ----- vrmem eth201.200.3.1 1000000001 204dLdH8Bz3aw335-3 1344d240dLdH8Bz3aw335-3 1244d pruned No up 1:01:21:51 0 vrmem eth201.201.3.2 1000000001 204dLdH8Bz3aw336-3 1344d240dLdH8Bz3aw336-3 1244d pruned No up 1:01:21:51 0 vrmemgmt eth180.254.10.2 1000000000 204dLdH8Bz3aw338-2 1344d240dLdH8Bz3aw338-2 1344d pruned No up 1:01:21:49 0 </pre>   |
| 13 show usbeth control summary                                     | コントロール情報   | <show>(Manage)とのコネクション情報のサマリを出力させる                     | <pre> non-usbethmode usbeth control summary control summary 0 shdn_count 0 vmemgmt_count 2 vrmem_count 2 </pre>  |
| 14 show usbeth emp gear  | ルーティング情報   | OMPでの情報を出力させる  | <pre> non-usbethmode usbeth emp gear R -&gt; routes received I -&gt; routes installed S -&gt; routes sent  DOMAIN OVERLAY SITE PEER TYPE ID ID ID STATE UPTIME R/V/S ----- 201.200.3.1 vmemt 1 1 1000000000up 1:01:30:24 Rn V3/2 201.200.3.2 vmemt 1 1 1000000000up 1:01:30:23 Rn V2/2 </pre>  |
| 15 show ip route vrf xxx   | ルーティング情報   | 稼働中のルーティング情報を出力させる                                     | <pre> non-exact-midialfwhouse ip route vrf 10  Routing Table 10 Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area        N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2        E1 - OSPF external type 1, E2 - OSPF external type 2        o - NAT, Nn - NAT inside, Nnn - NAT outside, NN - NAT DD        i - IS-IS, Nn - IS-IS summary, L1 - IS-IS level 1, L2 - IS-IS level 2        su - IS-IS stub ssm *, candidate default, I? - per user state table        * - NHRP, G - NHRP registered, g - NHRP registration summary        e - ESRP, P - periodic downloaded static route, f - USP        x - application route        - - - advertised route, Nn - next-hop override, p - overrides from PHB        B - redistributed local route overrides by connected  Gateway of last resort is 201.100.3.1 to network 0.0.0.0  # 0.0.0.0/0 [201/0] via 201.100.3.1, 00:00:00, Sdwan-system-intf 10.0.0.0/8 is variably subnetted, 2 subnets, 2 masks # 10.0.0.0/8 [251/0] via 201.100.3.1, 00:00:00, Sdwan-system-intf --- top --- </pre> |
| 16 show ip interface mpes  | ルーティング情報   | OMPでのルーティング情報を出力させる                                    | <pre> non-usbethmode usbeth emp routes Code: C -&gt; chosen I -&gt; installed Red -&gt; redistributed Reg -&gt; registered G -&gt; learned R -&gt; received S -&gt; static Ext -&gt; extended Inv -&gt; invalid Sig -&gt; signed jk -&gt; On-demand inactive ij -&gt; TLLOC unassigned  PATH FROM PEER ID LABEL STATUS TYPE TLOC IP COLOR ENCAP PREFERENCE ----- VPM PREFIX 201.200.3.1 2006 1009 C,L,R installed 201.100.3.1 pruned gw 1000 201.200.3.1 2006 1009 inv,i installed 201.100.3.1 pruned gw 1000 --- top --- </pre>   |
| 17 show ip interface brief/<br>show interfaces/<br>show interfaces | インターフェイス情報 | 稼働中のインタフェースのipアドレス情報を出力させる                             | <pre> non-usbethmode ip interface brief Interface IP Address Status Protocol GigabitEthernet0/0 unassigned YES ether up Pruned up GigabitEthernet0/1 unassigned YES ether up down GigabitEthernet0/10 unassigned YES vnet up up GigabitEthernet0/11 unassigned YES vnet down down GigabitEthernet0/12 unassigned YES vnet down down GigabitEthernet0/13 unassigned YES vnet down down GigabitEthernet0/14 unassigned YES vnet down down GigabitEthernet0/15 unassigned YES vnet down down GigabitEthernet0/16 unassigned YES vnet down down GigabitEthernet0/17 unassigned YES vnet down down --- top --- </pre>   |
| 18 show ipfd interface brief/<br>show ipfd                         | インターフェイス情報 | 稼働中のインタフェースのipfd情報を出力させる                               | <pre> non-exact-midialfwhouse ipfd interface brief GigabitEthernet0/10 [up] up FE00::BD2:BFFF:FESA:F400 IPv6::BD2:BCCA:F0A:BD2:BFFF:FESA:F400 GigabitEthernet0/11 [down/down] unassigned GigabitEthernet0/12 [down/down] unassigned GigabitEthernet0/13 [up] up unassigned GigabitEthernet0/14 [down/down] unassigned GigabitEthernet0/15 [down/down] unassigned GigabitEthernet0/16 [down/down] unassigned GigabitEthernet0/17 [down/down] unassigned ... etc --- </pre>  |
| 19 show usbeth emp routes  | ルーティング情報   | OMPでのルーティング情報を出力させる                                    | <pre> non-usbethmode usbeth emp routes Code: C -&gt; chosen I -&gt; installed Red -&gt; redistributed Reg -&gt; registered G -&gt; learned R -&gt; received S -&gt; static Ext -&gt; extended Inv -&gt; invalid Sig -&gt; signed jk -&gt; On-demand inactive ij -&gt; TLLOC unassigned  PATH ATTRIBUTE FROM PEER ID LABEL STATUS TYPE TLOC IP COLOR ENCAP PREFERENCE ----- 10 0.0.0.0/0 201.200.3.1 2006 1009 C,L,R installed 201.100.3.1 pruned gw 1000 201.200.3.1 2006 1009 inv,i installed 201.100.3.1 pruned gw 1000 201.200.3.1 2006 1009 R installed 201.100.3.2 pruned gw 1000 --- top --- </pre>  |
| 20 show ip dhcp binding  | DHCPなし出し情報 | 稼働からのDHCPなし出しIPアドレスのなし出し情報を表します。                       | <pre> non-exact-midialfwhouse ip dhcp binding Bindings from pool pools not associated with VRF: IP address Client-ID Lease expiration Type State Interface Hardware address/ User name Binding from VRF pool 10: IP address Client-ID Lease expiration Type State Interface Hardware address/ User name 192.168.1.21 ccs8020.316 May 29 2021 04:36 PM Automatic Active Vlan30 </pre>   |
| 21 show usbeth default-router                                      | DHCPなし出し情報 | 稼働からのデフォルトネットワークのなし出し情報を出力させる                          | <pre> non-exact-midialfwhouse usbeth non   include default-router default-router 192.168.1.254 </pre>  |
| 22 show usbeth dns server  | DHCPなし出し情報 | 稼働からのDNS-serverのなし出し情報を出力させる                           | <pre> non-exact-midialfwhouse usbeth non   include dns-server dns-server 8.8.8.8 </pre>  |
| 23 show usbeth bid sessions  | BFDセッション   | 稼働中のbid sessionの有無を確認する                                | <pre> non-usbethmode bfd sessions SYSTEM IP SITE ID STATE COLOR SOURCE IP DST PUBLIC PORT ENCAP MULTIPLE INTERVAL[ms] UPTIME TRANSITIONS ----- 100.1.1.68 100 up private private 2408.230.80ac:8020:Bdsk-1PH fac2 63802080 230.80ac:8020:Bdsk-1PH fac4x1000 gw 1 1000 0:00:34:39 8 100.1.1.68 100 up private private 2408.230.80ac:8020:Bdsk-1PH fac2 63802080 230.80ac:8020:Bdsk-1PH fac4x1000 gw 1 1000 0:00:34:39 8 --- top --- </pre>  |