Routing test guide

We will use three devices and one LTE module to test public route and private route.

There are two connect methods can be use, Telnet Console and SSH.

Outline

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1. Necessary device list

|  |  |  |
| --- | --- | --- |
| Item | Quantity | Detail |
| Device | 3 | STS/DTS/LMS |
| Module | 1 | LTE module |
| Sim card | 1 |  |
| Ethernet cable | 5 |  |
| 6 port switch board for LMS(optional) | the same as LMS | \*\*Setup in slot 2 |

1. Architecture

|  |
| --- |
| Public network  Private network  Client1  1  2  Client2  1  2  Server  dialer  mgmt  1  2  Public route  Private route |

1. Physical device setup and wiring

Telnet Console:

* + 1. connect server, client1 and clinet2 to console server
    2. Mgmt is maintenance 0, please connect to internal network

SSH:

1. Setup SSH IP on maintenance 0 and connect to internal network

Both should do:

1. Setup 6 port switch board on slot2 if you use LMS
2. Setup LTE module on slot0/1(DTS/LMS) or slot0(STS)
3. Server port1 connect to client1 port1 (change to port2/1 if use LMS)
4. Server port2 connect to client2 port2 (change to port2/2 if use LMS)
5. Initial command setup

|  |  |  |
| --- | --- | --- |
| Telnet Console | Server | #update terminal paging disable |
| Client\*2 | none |
| SSH | Server | #update terminal paging disable  #config interface maintenance 0 ip address 10.2.X.X netmask 255.255.255.0  #config interface maintenance 0 enable |
| Client\*2 | #config interface maintenance 0 ip address 10.2.X.X netmask 255.255.255.0  #config interface maintenance 0 enable |