The configuration of IGMP In MSR Series

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Keywords:MSR;IGMP;Multicast;PM;SM

I　　　Requirement for the diagram

The interface of RTA connect multicast souce, interface E0/2 connect RTB, running PIM-SM protocol under this interface. The interface of RTB connect host which receive multicast, and runing IGMP protocol

Device list: 2, MSR

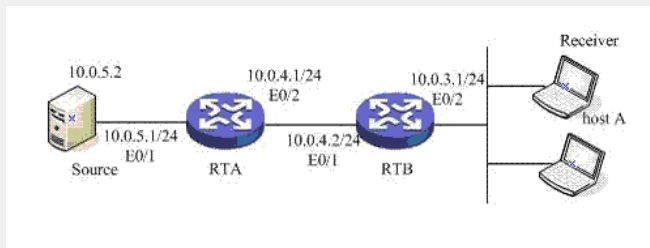CMW version: version 5.20, Beta 1106

II　　　Network topology

Figure 1　IGMP

III　　　Steps of configuration

RTA
//**Running multicast protocol under global view** multicast routing-enable //**the interface that connect multicast source** interface Ethernet0/1 port link-mode route ip address 10.0.5.1 255.255.255.0 pim sm # //**the interface that connect RTB** interface Ethernet0/2 port link-mode route ip address 10.0.4.1 255.255.255.0 pim sm

RTB
//**Running multicast protocol under global view** multicast routing-enable //**the interface that connect RTA** interface Ethernet0/1 port link-mode route ip address 10.0.4.2 255.255.255.0 pim sm # //**the interface that connect multicast receiver** interface Ethernet0/2 port link-mode route ip address 10.0.3.1 255.255.255.0 igmp enable

IV　　　Key notes in the configuration

1) Running multicast under global view;

2) Make sure RTA and RTB can reach each other in PIM-SM area;

3) Enable IGMP under edge interface;