

Test Case-29

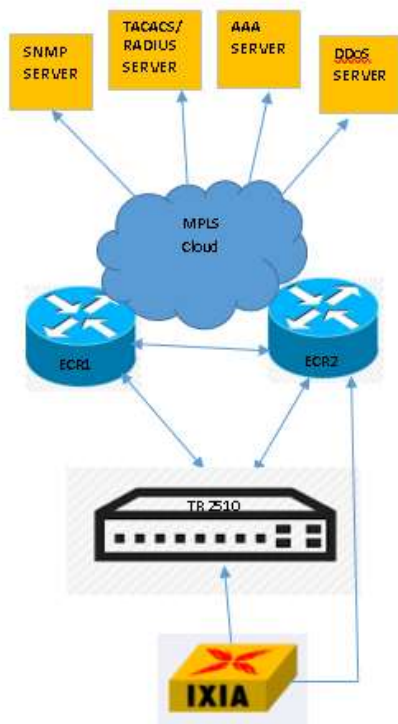
Test Name: RJIL-IP-QA-DS-SYS-029

Test Objective: To check address learning and aging capability.

Test Configuration:

mac address- table aging-time 10

Test Set up (Including Pre requisites): Switch, ECR1, ECR2, IXIA



Procedure: Connect Switch to IXIA

Action:		Response:	
1	Generate mac from IXIA and forward it to switch show mac address-table	1	MAC aging time can be set from 10 sec to 1000000 sec. switch should not show mac

address once aging timer expires if traffic is not running.

Expected Result: Switch should be able to set mac aging time with mac learning

Actual Result:

```
Switch#show mac address-table
      Mac Address Table (Total 2)
-----
Vlan    Mac Address      Type        Ports
----    -
1       5ccc.ff19.cdf3   DYNAMIC     g0/8
1       68f7.28be.36d0   DYNAMIC     g0/6
Switch#conf
Switch_config#mac
mac mac-vlan macff
Switch_config#mac address-table aging-time ?
  <0-0>          -- Enter 0 to disable aging
  <10-1000000>   -- Aging time in seconds
Switch_config#mac address-table aging-time 10
Switch_config#show run | include mac
Building configuration...

Current configuration:
!
mac address-table aging-time 10
Switch_config#mac address-table aging-time 300
Switch_config#show run | include mac
Building configuration...

Current configuration:
!
Switch_config#
```