

Test Case-16

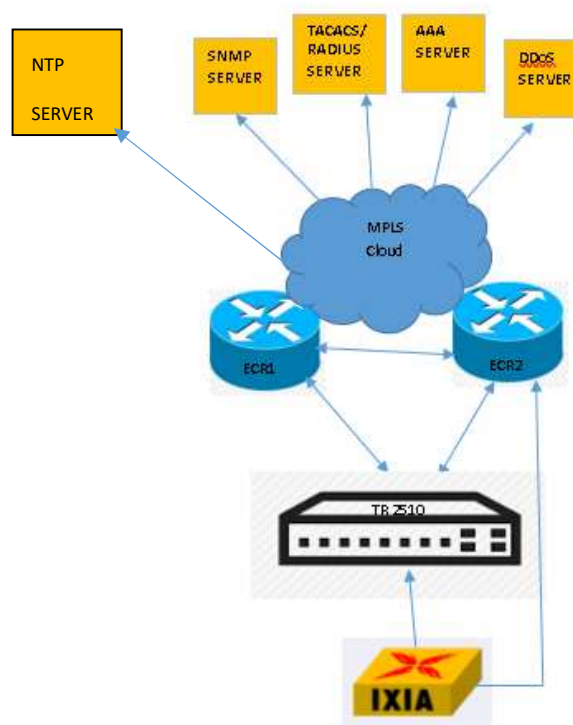
Test Name: RJIL-IP-QA-DS-SYS-016

Test Objective: To verify NTPv4 and NTPv6

Test Configuration:

Time-zone IST +5 30
ntp server 10.64.2.145

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



Procedure: Connect the switch to the NTP server and configure IPV4/V6 on it

| Action: | | Response: | |
|---------|---|-----------|--|
| 1 | Show ntp status Show ntp association | 1 | Switch will show the clock synchronized status |

Expected Result: Switch should be able to show the synchronization related to clock status , packets and time with respect to NTP server

Actual Result:

Switch_config#show ntp status

Time-zone: GMT+5:30, IST

Current time: 2020-03-24 13:42:30

Clock Status: synchronized

Clock Stratum: 4

Leap Indicator: 0

Reference ID: 10.64.89.226

Clock Jitter: 0.007813

Clock Precision: -7

Clock Offset: 0.000 ms

Root Delay: 0.000 ms

Root Dispersion: 0.030 ms

Packets Sent: 27

Packets Received: 27 (bad version: 0)

Reference Time: 2020-03-24 13:42:28

Last Update Time: 2020-03-24 13:42:28

Switch_config#

#####

NTPv6

#####

Switch#show ntp associations

ip address reference clock st poll reach delay offset dispersion

***2405:200:1410:1010::8110.64.130.240 3 64 1 7.81 253.00 3944.1**

Notes: * system peer(master), poll(s), delay(ms), offset(ms), dispersion(ms)

Total Associations: 1

Switch#show ntp status

Time-zone: GMT+5:30, IST

Current time: 2020-03-24 15:54:14

Clock Status: synchronized

Clock Stratum: 4

Leap Indicator: 0

Reference ID: 106.135.118.245

Clock Jitter: 0.007813

Clock Precision: -7

Clock Offset: 0.000 ms

Root Delay: 0.000 ms

Root Dispersion: 0.270 ms

Packets Sent: 74

Packets Received: 74 (bad version: 0)

Reference Time: 2020-03-24 15:53:56

Last Update Time: 2020-03-24 15:53:56

Switch#