###### Create SLA Profile

***Objective:***

The objective of this test is to create a SLA profile. The SLA profile controls the bandwidth allocated to an ONU (upstream and downstream).

***Procedure:***

1. Configure upstream and downstream SLA parameters.

pon-ctrl sla-profiles sla-profile SLA\_1 up-fixed-rate 0

up-guaranteed-rate 128

up-guaranteed-max-burst 409600

up-best-effort-rate 10000000

up-best-effort-max-burst 409600

up-priority 1

up-service-limit 128

up-min-grant-period 0

up-max-grant-period 10

down-guaranteed-rate 128

down-guaranteed-max-burst 262144

down-best-effort-rate 10000000

down-best-effort-max-burst 245760

exit exit exit

***Expected Results:***

5170\_PON> show pon-ctrl sla-profiles

+

SLA PROFILES +

| Name | Up Guaranteed Rate | Up Best-Effort Rate | Down Guaranteed Rate | Down Best-Effort Rate |

+ + + + + +

| SLA\_1 | 128 | 10000000 | 128 | 10000000 |

+ + + + + +

5170\_PON> show pon-ctrl sla-profiles sla-profile SLA\_1

+ SLA PROFILE +

| Parameter | Value |

+ + +

| Name | SLA\_1 |

| Up Fixed Rate (Kbps) | 0 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| | | Up Guaranteed Rate (Kbps) | | | 128 | | |
| | | Up Guaranteed Max Burst (Bytes) | | | 409600 | | |
| | | Up Best Effort Rate (Kbps) | | | 10000000 | | |
| | | Up Best Effort Max Burst (Bytes) | | | 409600 | | |
| | | Up Priority | | | 1 | | |
| | | Up Service Limit (kBytes) | | | 128 | | |
| | | Up Min Grant Period | | | 0 | | |
| | | Up Max Grant Period | | | 10 | | |
| | | Down Guaranteed Rate (Kbps) | | | 128 | | |
| | | Down Guaranteed Max Burst (Bytes) | | | 262144 | | |
| | | Down Best Effort Rate (Kbps) | | | 10000000 | | |
| | | Down Best Effort Max Burst (Bytes) | | | 245760 | | |
| + |  | + |  | + |

Test Case Results:

Passed: Yes No Verified by Date/Time Comments