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-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 |

+ + +