

1. Rate-limit 설정방법

➤ Rate-Limit 설정

- 포트별 DOWN/UP Traffic 속도를 제어 한다

명령어	명령어 모드	설명
interface te<X/X>	config	interface 모드 진입
rate-limit egress <64-10000000>	interface	DOWN Traffic 속도 제어 설정
access-list <1-99> <permit/deny> any	interface	rate-limit 허용 IP 대역 설정
class-map <class-map name>	config	Class-map 설정
match access-group <ACL NAME>	config-cmap	ACL 허용 IP 매치
policy-map <policy-map name>	config	Policy-map 설정
class <class-map name>	config-pmap	class-map 적용
police cir <1-10000000> bc <1-10000000> pir <1-10000000> be <1-10000000>	config-pmap-c	UP traffic 속도 제어 설정
interface te<X/X>	config	Interface 모드 진입
service-policy input <policy-map name>	Interface	policy-map 활성화 설정

[다운로드 설정시]

```
Switch(config)# interface te0/1
Switch(config-if-TenGi0/1)# rate-limit egress 802000
```

[업로드 설정시]

```
Switch(config)# access-list 99 permit any
Switch(config)# class-map speed
Switch(config-cmap)# match access-group 99
Switch(config-cmap)# exit
Switch(config)# policy-map rate_400M
Switch(config-pmap)# class speed
Switch(config-pmap-c)# police cir 400000 bc 400100 pir 400100 be 402000
Switch(config)# policy-map rate_800M
Switch(config-pmap)# class speed
Switch(config-pmap-c)# police cir 800000 bc 800100 pir 800100 be 802000
Switch(config)# interface te0/1
Switch(config-if-TenGi0/1)# service-policy input rate_400M
Switch(config)# interface te0/2
Switch(config-if-TenGi0/)# service-policy input rate_800M
```

[설정 기준값]

장비	속도	설정
E6100	100M	100000 bc 100100 pir 100100 be 102000 rate-limit egress 102000
	200M	200000 bc 200100 pir 200100 be 202000 rate-limit egress 202000
	300M	300000 bc 300100 pir 300100 be 302000 rate-limit egress 302000
	400M	400000 bc 400100 pir 400100 be 402000 rate-limit egress 402000
	800M	800000 bc 800100 pir 800100 be 802000 rate-limit egress 802000