



DoS QoS

Figure 1 Section 2 Service Provider

Step 1 - 4

```

R6
ip cef
!
interface Serial0/0
 ip address 140.100.56.6 255.255.255.192
 ip verify unicast reverse-path
 no ip redirects
 no ip proxy-arp
 no ip directed-broadcast
 ip access-group ccie in
 rate-limit input access-group 120 496000 2000 2000 conform-
action transmit exceed-action drop
 rate-limit output access-group 121 296000 2000 2000
conform-action transmit exceed-action continue
 ip nat outside
!
access-list 120 permit icmp any any
access-list 121 permit tcp any any eq 443
!
ip access-list extended ccie
 deny ip 127.0.0.0 0.255.255.255 any
 deny ip 10.0.0.0 0.255.255.255 any log
 deny ip 172.16.0.0 0.15.255.255 any log
 deny ip 192.168.0.0 0.0.255.255 any log
 deny icmp any any unreachable

 deny icmp any any packet-too-big
 deny icmp any any traceroute
 deny icmp any any echo
 permit ip any any

```