

secure ipv6 classifier-list

Syntax secure ipv6 classifier-list *classifierName* { { classifier-auth-id { 0 } } } | { [traffic-class *trafficClassName*]
[color { green | yellow | red }] [user-packet-class *userPacketClassValue* ecopy.]
[source-route-class *routeClassValue*] [destination-route-class *routeClassValue*]
[local { true | false }] [not] { *protocol* }
[not] { *sourceAddress* *sourceMask* | host *sourceHostAddress* | any }
[*sourceQualifier*]
[not] { *destinationAddress* *destinationMask* | host *destinationHostAddress* | any }
[*destinationQualifier*] [*tcpQualifier*] [ipv6-flags *ipv6Flags*]
[precedence *precNum* | dsField *dsFieldNum* | tos *tcNum*] } }

no secure ipv6 classifier-list *classifierName* [*classifierNumber*] [classifier-auth-id { 0 }]

Release Information Command introduced in JUNOS Release 10.1.0.

Description Creates or modifies a secure classifier control list. Use the **not** keyword to deny traffic for a specific protocol, source address, or destination address. Use the **any** keyword to allow traffic to any source or destination address. The **no** version removes the classifier control list.

- Options**
- *classifierName*—Name of the classifier control list entry
 - *classifierAuthId*—Number of the authentication ID to match (0)
 - *trafficClassName*—Name of the traffic class to match
 - green—Matches packet color to green, indicating a low drop preference
 - yellow—Matches packet color to yellow, indicating a medium drop preference
 - red—Matches packet color to red, indicating a high drop preference
 - *userPacketClassValue*—User packet value to match; in the range 0–15
 - *routeClassValue*—Value of the route-class; in the range 0–255
 - local—Specifies traffic destined for this interface
 - true—Matches packets that are locally destined
 - false—Matches packets that are not locally destined
 - not—Matches any except the immediately following protocol or address
 - *protocol*—Protocol name (IGMP, IP, TCP, or UDP) or number (in the range 0–255) to match
 - *sourceAddress*—Source address to match
 - *sourceMask*—Wild-card mask to apply to the source address
 - host—Matches source or destination address as a host
 - *sourceHostAddress*—Source host address to match
 - any—Matches any source or destination address

- *sourceQualifier*—For UDP or TCP protocols, one of the following protocol-specific classifier parameters. See *Creating or Modifying Classifier Control Lists for IP Policy Lists* in the *JUNOS Policy Management Configuration Guide*, for details.
 - *portOperator*—One of the following Boolean operator keywords: **lt** (less than), **gt** (greater than), **eq** (equal to), **ne** (not equal), or **range** (range of port numbers)
 - *range*—Single port number or a range of port numbers
- *destinationAddress*—Destination address to match
- *destinationMask*—Wild-card mask to apply to the destination address
- *destinationHostAddress*—Destination host address to match
- *destinationQualifier*—One of the following protocol-specific classifier parameters for destination TCP or UDP ports, ICMP code and type, or IGMP type. The *portOperator* and port range are used with TCP and UDP. The *icmpType*, *icmpCode*, and *igmpType* parameters are used with ICMP and IGMP.
 - *portOperator*—one of the following Boolean operator keywords: **lt** (less than), **gt** (greater than), **eq** (equal to), or **ne** (not equal), or **range** (range of port numbers) (TCP and UDP only)
 - *range*—Single port number or a range of port numbers
 - *icmpType*—ICMP message type (ICMP only)
 - *icmpCode*—ICMP message code (ICMP only)
 - *igmpType*—IGMP message type (IGMP only)
- *tcpQualifier*—TCP flags classification parameters
- *tcpFlag*—For TCP only; a logic equation that specifies flag bit values; ! means logical NOT and & means logical AND; use any of the following flag names:
 - *ack*—0x10
 - *fin*—0x01
 - *push*—0x08
 - *rst*—0x04
 - *syn*—0x02
 - *urgent*—0x20
- *ipFlags*—Logic equation that specifies flag bit values; ! means logical NOT and & means logical AND; use any of the following flag names:
 - *dont-fragment*—0x02
 - *more-fragments*—0x01
 - *reserved*—0x04
- *ip-frag-offset*—Matches the specified IP fragmentation offset; use any of the following:

- eq 0—Equals 0
- eq 1—Equals 1
- gt 1—Greater than 1
- *precNum*—Upper three bits of the ToS byte; in the range 0–7
- *dsFieldNum*—Upper six bits of the ToS byte; in the range 0–63
- *tosNum*—Whole eight bits of the ToS byte; in the range 0–255
- *classifierNumber*—Index of the classifier control list entry to be deleted

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