check-zero

Syntax   (check-zero | no-check-zero);

Hierarchy Level   [edit logical-systems *logical-system-name* protocols rip],
[edit logical-systems *logical-system-name* protocols rip group *group-name* neighbor
  neighbor-name],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols
  rip],
[edit logical-systems *logical-system-name* routing-instances *routing-instance-name* protocols
  rip group *group-name* neighbor *neighbor-name*],
[edit protocols rip],
[edit protocols rip group *group-name* neighbor *neighbor-name*],
[edit routing-instances *routing-instance-name* protocols rip],
[edit routing-instances *routing-instance-name* protocols rip group *group-name* neighbor
  neighbor-name]

Release Information   Statement introduced before JUNOS Release 7.4.
Statement introduced in JUNOS Release 9.0 for EX Series switches.

Description   Check whether the reserved fields in a RIP packet are zero:

- check-zero—Discard version 1 packets that have nonzero values in the reserved
  fields and version 2 packets that have nonzero values in the fields that must be
  zero. This default behavior implements the RIP version 1 and version 2
  specifications.

- no-check-zero—Receive RIP version 1 packets with nonzero values in the reserved
  fields or RIP version 2 packets with nonzero values in the fields that must be
  zero. This is in spite of the fact that they are being sent in violation of the
  specifications in RFC 1058 and RFC 2453.

Default   check-zero

Required Privilege Level   routing—To view this statement in the configuration.
routing-control—To add this statement to the configuration.

Related Topics   ■   Accepting RIP Packets with Nonzero Values in Reserved Fields

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