

## ipv6 policy

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**Syntax** `ipv6 policy { input | output } policyName`  
`[ statistics { enabled [ baseline { enabled | disabled } ] [ preserve | merge ] |`  
`disabled [ merge ] } | merge ]`

`no ipv6 policy { input | output | secondary-input } [ policyName ]`

For policy lists in Profile Configuration mode:

`ipv6 policy { input | output } policyName`  
`[ statistics { enabled | disabled } ] [ merge ]`

`no ipv6 policy { input | output | secondary-input } [ policyName ]`

**Release Information** Command introduced before JUNOS Release 7.1.0.  
**merge** keyword added in JUNOS Release 7.2.0.  
Profile Configuration mode added in JUNOS Release 7.2.0.

**Description** In Interface Configuration mode, assigns a policy list to the ingress or egress of an interface. If you enter the **ipv6 policy** command and the policy list does not exist, the router creates a policy list with no rules, the default. When a policy list does not have rules, the router inserts a default filter rule. Attaching this policy list to an interface filters all packets on that interface. You must specify the **input** or **output** keyword to assign the policy list to the ingress or egress of the interface.

In Profile Configuration mode, assigns the policy list to a profile, which then assigns the policy to an interface.

The **no** version removes the association between a policy list and an interface. In Profile Configuration mode, the **no** version removes policy reference from the profile.

- Options**
- **input**—Applies policy to data arriving at this interface before a route lookup
  - **output**—Applies policy to data leaving this interface
  - **secondary-input**—Applies policy to data that arrives at this interface after a route lookup
  - ***policyName***—Name of the policy; a maximum of 40 characters
  - **statistics**—Enables or disables collection of policy routing statistics
    - **enabled**—Enable collection of policy routing statistics
    - **baseline enabled**—Enables baselining of policy routing statistics (Interface Configuration mode only)
    - **baseline disabled**—Disables baselining of policy routing statistics (Interface Configuration mode only)

- **preserve**—Preserves existing statistics for any classifier-list that is the same for both the new and old policy attachments when you attach a new policy to an interface
- **disabled**—Disable collection of policy routing statistics
- **merge**—Enables merging of multiple policies to form a single policy



**NOTE:** The **local-input** keyword for the **ipv6 policy** command is deprecated, and may be completely removed in a future release. The keyword should be removed from scripts.

You should recreate any local input policies using the **ipv6 classifier-list local true** command and attaching the policies using the **ipv6 policy secondary-input** command.

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**Mode**    Interface Configuration, Profile Configuration

**Related Topics**    ■    Setting a Statistics Baseline for Policies

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