
Route Policy Command Reference

Command Hierarchies

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Route Policy Configuration Commands

```

config
  — [no] router
    — [no] triggered-policy
    — [no] policy-options
      — abort
      — as-path (policy options) name expression regular-expression
      — no as-path (policy options) name
      — as-path-group (policy options) name
      — no as-path-group (policy options)
        — [no] entry entry-id expression reg-exp
      — begin [exclusive]
      — commit
      — community name members comm-id [comm-id] (up to 15 max)
      — community name expression expression
      — no community name [members comm-id]
      — [no] damping name
        — half-life minutes
        — no half-life
        — max-suppress minutes
        — no max-suppress
        — reuse integer
        — no reuse
        — suppress integer
        — no suppress
      — [no] exclusive-lock-time seconds
      — [no] policy-statement name
        — default-action {accept | next-entry | next-policy | reject}
        — no default-action
          — add-paths-send-limit send-limit
          — no add-paths-send-limit
          — advertise-label per-prefix
          — no advertise-label
          — aigp-metric metric
          — aigp-metric ipg
          — no aigp-metric
          — as-path {add | replace} name
          — no as-path
          — as-path-prepend as-number [ repeat]
          — no as-path-prepend

```

- **bgp-leak**
- **no bgp-leak**
- **community** {{add [remove]} | {remove [add]} | {replace}}
- **no community**
- **damping** {name | none}
- **no damping**
- **install-backup-path**
- **no install-backup-path**
- **local-preference** local-preference
- **no local-preference**
- **metric** {add|subtract} metric
- **metric set** [igp]metric-value
- **no metric**
- **multicast-redirection** [fwd-service service-id] ip-int-name
- **no multicast-redirection**
- **next-hop** ip-address
- **no next-hop**
- **[no] next-hop-self**
- **origin** {igp | egp | incomplete | param-name}
- **no origin**
- **origin-validation-state** state
- **no origin-validation-state**
- **preference** preference
- **no preference**
- **[no] sticky-ecmp**
- **tag** tag
- **no tag**
- **type** {type | param-name}
- **no type**
- **description** description-string
- **no description**
- **[no] entry** entry-id
 - **action** {accept| next-entry | next-policy | reject}
 - **no action**
 - **add-paths-send-limit** send-limit
 - **no add-paths-send-limit**
 - **advertise-label** per-prefix
 - **no advertise-label**
 - **aigp-metric** metric
 - **aigp-metric ipg**
 - **no aigp-metric**
 - **as-path** {add | replace} name
 - **no as-path**
 - **as-path-prepend** as-number [repeat]
 - **no as-path-prepend**
 - **bgp-leak**
 - **no bgp-leak**
 - **community** {{add name [remove name]} | {remove name [add name]} | {replace name}}
 - **no community**
 - **damping** {name | none}
 - **no damping**
 - **fc fc** [priority {low | high}]
 - **no fc**

- **install-backup-path**
- **no install-backup-path**
- **local-preference** *local-preference*
- **no local-preference**
- **metric** {set {**igp** | *number 1*} | { **add** | **subtract**} *number2*}
- **no metric**
- **next-hop** *ip-address*
- **no next-hop**
- [**no**] **next-hop-self**
- [**no**] **next-hop-self**
- **origin** {**igp** | **egp** | **incomplete** | *param-name*}
- **no origin**
- **origin-validation-state** *state*
- **no origin-validation-state**
- **policy-variables** *name*
- **preference** *preference*
- **no preference**
- [**no**] **sticky-ecmp**
- **tag** *tag*
- **no tag**
- **type** {*type* | *param-name*}
- **no type**
- **conditional-expression**
 - **route-exists** *expression*
 - **no route-exists**
- **description** *description-string*
- **no description**
- [**no**] **from**
 - **area** *area-id*
 - **no area**
 - **as-path** *name*
 - **no as-path**
 - **as-path-group** *name*
 - **no as-path-group**
 - **community** *name*
 - **no community**
 - [**no**] **external**
 - **family** [**ipv4**] [**ipv6**] [**mcast-ipv4**] [**mcast-ipv6**] [**vpn-ipv4**] [**vpn-ipv6**] [**I2-vpn**] [**mvpn-ipv4**] [**mvpn-ipv6**] [**mdt-safi**] [**flow-ipv4**] [**route-target**] [**mcast-vpn-ipv4**]
 - **no family**
 - **flow-spec-dest** *prefix-list-name*
 - **no flow-spec-dest**
 - **flow-spec-source** *prefix-list-name*
 - **no flow-spec-source**
 - **group-address** *prefix-list-name*
 - **no group-address**
 - **host-ip** *prefix-list-name*
 - **no host-ip**
 - **interface** *interface-name*
 - **no interface**
 - **level** {**1** | **2**}
 - **no level**
 - **mvpn-type** {**1** | **2** | **3** | **4** | **5** | **6** | **7**}

- **no mvpn-type**
- **neighbor** {*ip-address* | **prefix-list** *name*}
- **no neighbor**
- **origin** {**igp** | **egp** | **incomplete** | **any**}
- **no origin**
- **origin-validation-state** *state*
- **no origin-validation-state**
- **policy-variables** **name** *name-string* **value** *value-string*
- **policy-variables** **name** *name-string* **address** *ip-address*
- **policy-variables** **name** *name-string* **number** *value-number*
- **no policy-variables** **name** *name-string*
- **prefix-list** *name* [*name...*(up to 5 max)]
- **no prefix-list**
- **protocol** *protocol* [**all** | **instance** *instance*]
- **no protocol**
- **source-address** *ip-address*
- **source-address** **prefix-list** *prefix-list-name*
- **no source-address**
- **state** *state*
- **no state**
- **tag** *tag*
- **no tag**
- **type** *type*
- **no type**
- **[no] to**
 - **level** {**1** | **2**}
 - **no level**
 - **neighbor** {*ip-address* | **prefix-list** *name*}
 - **no neighbor**
 - **[no] prefix-list** *name* [*name...*(up to 5 max)]
 - **protocol** *protocol*
 - **no protocol**

```

config
  — [no] router
    — [no] policy-options
      — [no] prefix-list name
        — prefix ip-prefix/prefix-length [exact | longer | through length | prefix-length-range length1-length2]
        — no prefix [ipv-prefix/prefix-length] [exact | longer | through length | prefix-length-range length1-length2]

```

Show Commands

```

show
  — router router-name
    — policy [name | damping | prefix-list name | as-path name | community name | admin]
show
  — router router-name
    — bgp
      — route
        — policy-test policy-name family family prefix prefix/pfxlen[longer]
          neighbor neighbor [display-rejects] [detail]

```

