

# Chapter 4

## Routing Policy Configuration Statements

To create routing policy, you can include the following statements in the configuration:

```
[edit]
policy-options {
  as-path name regular-expression;
  community name members [community-ids];
  damping name {
    half-life minutes;
    max-suppress minutes;
    reuse number;
    suppress number;
  }
  policy-statement policy-name {
    term term-name {
      from {
        match-conditions;
        route-filter destination-prefix match-type <actions>;
        prefix-list name;
      }
      to {
        match-conditions;
      }
      then actions;
    }
  }
  prefix-list name {
    ip-addresses;
  }
}
```

## Minimum Routing Policy Configuration

To configure a routing policy, you must perform at least the following tasks:

Define routing policies by including one or more policy-statement statements at the [edit policy-options] hierarchy level:

```
[edit policy-options]
policy-statement policy-name {
  term term-name {
    from {
      match-conditions;
      route-filter destination-prefix match-type <actions>;
      prefix-list name;
    }
    to {
      match-conditions;
    }
    then actions;
  }
  prefix-list name {
    ip-addresses;
  }
}
```

Apply routing policies to individual routing protocols when configuring the protocol.

To apply routing policies to routes a protocol is importing into the routing table, include the import statement:

```
import [policy-names];
```

To apply routing policies to routes a protocol is exporting from the routing table, include the export statement, specifying the name of one or more policies:

```
export [policy-names];
```