

## Adding a Group of Clients to an SNMP Community

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JUNOS Software enables you to add one or more groups of clients to an SNMP community. You can include the `client-list-name name` statement at the `[edit snmp community community-name]` hierarchy level to add all the members of the client list or prefix list to an SNMP community.

To define a list of clients, include the `client-list` statement followed by the IP addresses of the clients at the `[edit snmp]` hierarchy level:

```
[edit snmp]
  client-list client-list-name {
    ip-addresses;
  }
```

You can configure a prefix list at the `[edit policy options]` hierarchy level. Support for prefix lists in the SNMP community configuration enables you to use a single list to configure the SNMP and routing policies. For more information about the `prefix-list` statement, see the *JUNOS Policy Framework Configuration Guide*.

To add a client list or prefix list to an SNMP community, include the `client-list-name` statement at the `[edit snmp community community-name]` hierarchy level:

```
[edit snmp community community-name]
  client-list-name client-list-name;
```



**NOTE:** The client list and prefix list must not have the same name.

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The following example shows how to define a client list:

```
[edit]
snmp {
  client-list clientlist1 {
    10.1.1.1/32;
    10.2.2.2/32;
  }
}
```

The following example shows how to add a client list to an SNMP community:

```
[edit]
snmp {
  community community1 {
    authorization read-only;
    client-list-name clientlist1;
  }
}
```

The following example shows how to add a prefix list to an SNMP community:

```
[edit]
policy-options {
  prefix-list prefixlist {
```

```
    10.3.3.3/32;  
    10.5.5.5/32;  
  }  
}  
snmp {  
  community community2 {  
    client-list-name prefixlist;  
  }  
}
```

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