

Chapter 2

Complete Network Management Configuration Statements

This chapter shows the complete configuration statement hierarchy for the portions of the configuration discussed in this manual, listing all possible configuration statements and showing their level in the configuration hierarchy. When you are configuring the JUNOS software, your current hierarchy level is shown in the banner on the line preceding the `user@host#` prompt.

For a list of the complete configuration statement hierarchy, see the *JUNOS Internet Software Configuration Guide: Getting Started*.

This chapter is organized as follows:

[edit accounting-options] Hierarchy Level on page 6

[edit snmp] Hierarchy Level on page 7

[edit accounting-options] Hierarchy Level

```
[edit]
accounting-options {
  class-usage-profile profile-name {
    file filename;
    interval minutes;
    destination-classes {
      destination-class-name;
    }
    source-classes {
      source-class-name;
    }
  }
}
file filename
  files number;
  size bytes;
  transfer-interval minutes;
}
filter-profile profile-name {
  counters {
    counter-name;
  }
  file filename;
  interval minutes;
}
}
interface-profile profile-name {
  fields {
    field-name;
  }
  file filename;
  interval minutes;
}
}
routing-engine-profile profile-name {
  fields {
    field-name;
  }
  file filename;
  interval minutes;
}
}
```

[edit snmp] Hierarchy Level

```

[edit]
snmp {
  access {
    context context-name {
      description description;
      group group-name {
        model usm;
        read-view view-name;
        security-level (none | authentication | privacy);
        write-view view-name;
      }
    }
  }
  group group-name {
    model usm;
    user [ user-names ];
  }
  user user-name {
    authentication-password authentication-password;
    authentication-type (none | md5 | sha);
    privacy-password privacy-password;
    privacy-type (none | des);
    clients {
      address restrict;
    }
  }
}
community community-name {
  authorization authorization;
  clients {
    address restrict;
  }
  view view-name;
}
contact contact;
description description;
engine-id {
  local engine-id;
}
interface [ interface-name ];
location location;
name name;
traceoptions {
  file size size files number;
  flag flag;
}
rmon {
  alarm index {
    description description;
    falling-event-index index;
    falling-threshold integer;
    interval seconds;
    rising-event-index index;
    rising-threshold integer;
    sample-type (absolute-value | delta-value);
    startup-alarm (falling-alarm | rising-alarm | rising-or-falling alarm);
    variable oid-variable;
  }
}

```

```

    event index {
        community community-name;
        description description;
        sample-type type;
    }
}
traceoptions {
    file size size files number;
    flag flag;
}
trap-group group-name {
    categories [ categories ];
    destination-port <port-number>;
    targets {
        address;
    }
    version (all | v1 | v2);
}
trap-options {
    agent-address outgoing-interface;
    source-address address;
}
view view-name; {
    oid object-identifier (include | exclude)
)
}
```