

## Configuration Statements for the SNMP Agent

---

Use the following configuration statements to configure the SNMP agent at the [edit] hierarchy level.

```
snmp {
  contact contact;
  name name;
  location location;
  description description;
  address [address...];
}
snmp community community {
  authorization (read-only|read-write);
  clients clients;
  oid oid;
}
snmp notify target target-name {
  address address;
  port port;
  community community;
  type (trapv1|trapv2|inform);
}
snmp v3 snmp-community community-index {
  community-name community-name;
  security-name security-name;
  address address;
}
snmp v3 usm local-engine user username ...
snmp v3 usm local-engine user username authentication-md5 {
  authentication-password authentication-password;
}
snmp v3 usm local-engine user username authentication-sha {
  authentication-password authentication-password;
}
snmp v3 usm local-engine user username privacy-aes {
  privacy-password privacy-password;
}
snmp v3 usm local-engine user username privacy-des {
  privacy-password privacy-password;
}
snmp v3 vacm access group group-name ...
snmp v3 vacm access group group-name default-context-prefix security-model
  (any|v1|v2c|usm) ...
snmp v3 vacm access group group-name default-context-prefix security-model
  (any|v1|v2c|usm) security-level (authentication|none|privacy) {
  read-view read-view;
  write-view write-view;
}
snmp v3 vacm security-to-group security-model (v1|v2c|usm) ...
snmp v3 vacm security-to-group security-model (v1|v2c|usm) security-name
  security-name {
  group-name group-name;
}
snmp view view-name ...
```

```
snmp view view-name oid oid {  
    (include|exclude);  
}
```

- Related Topics**
- Configuring the SNMP Agent
  - For detailed information about each configuration statement, see the *SRC-PE CLI Command Reference*