
SNMP Command Reference

Command Hierarchies

Configuration Commands

SNMP System Commands

```

config
  — system
    — snmp
      — engineID engine-id
      — no engineID
      — general-port port
      — no general-port
      — packet-size bytes
      — no packet-size
      — streaming
        — [no] shutdown
      — [no] shutdown

```

SNMP Security Commands

```

config
  — system
    — security
      — snmp
        — access group group-name security-model security-model security-
level security-level [context context-name [prefix-match]] [read view-
name-1] [write view-name-2] [notify view-name-3]
        — no access group group-name [security-model security-model] [secu-
riety-level security-level] [context context-name [prefix-match]] [read
view-name-1] [write view-name-2] [notify view-name-3]
        — attempts [count] [time minutes1] [lockout minutes2]
        — no attempts
        — community community-string access-permissions [version SNMP-ver-
sion]
        — no community community-string
        — usm-community community-string group group-name
        — no usm-community community-string
        — view view-name subtree oid-value
        — no view view-name [subtree oid-value]
          — mask mask-value [type {included | excluded}]
          — no mask

```

SNMP Command Reference

The following commands configure user-specific SNMP features. Refer to the **Security** section for CLI syntax and command descriptions.

```
config
  — system
    — security
      — [no] user user-name
        — [no] snmp
          — authentication {[none] | [[hash] {md5 key-1 | sha key-1}
            privacy {none|des-key|aes-128-cfb-key key-2}]
          — group group-name
          — [no] group
```

Show Commands

```
show
  — snmp
    — counters
  — system
    — information
    — security
      — access-group [group-name]
      — authentication [statistics]
      — communities
      — password-options [entry-id]
      — password-options
      — per-peer-queuing
      — profile [profile-name]
      — ssh
      — user [user-id] [detail]
      — view [view-name] [detail]
```