SNMP Command Reference

Command Hierarchies
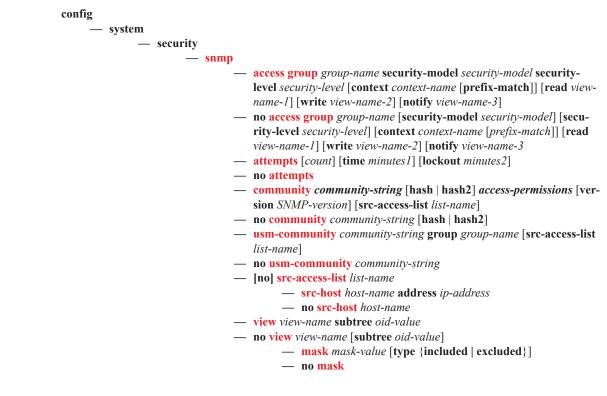
Configuration Commands

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

Refer to the 7x50 SR OS Services Guide for information about configuring SNMP in a VPRN service.

> **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*] [**security-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* [**hash** | **hash2**] *access-permissions* [**version** *SNMP-version*] [**src-access-list** *list-name*]
>   — **no community** *community-string* [**hash** | **hash2**]
>   — **usm-community** *community-string* **group** *group-name* [**src-access-list** *list-name*]
>   — **no usm-community** *community-string*
>   — [**no**] **src-access-list** *list-name*
>   — **src-host** *host-name* **address** *ip-address*
>   — **no src-host** *host-name*
>   — **view** *view-name* **subtree** *oid-value*
>   — **no view** *view-name* [**subtree** *oid-value*]
>   — **mask** *mask-value* [**type** {**included** | **excluded**}]
>   — **no mask**

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**
        — **streaming**
            — **counters**
    — **system**
        — **information**
        — **security**
            — **access-group** [**group-name**]
            — **authentication** [**statistics**]
            — **password-options** [*entry-id*]
            — **password-options**
            — **per-peer-queuing**
            — **profile** [**profile-name**]
            — **snmp**
                — **community** [*community-string*]
                — **src-access-list** [*list-name*]
            — **ssh**
            — **user** [**user-id**] [**detail**]
            — **view** [**view-name**] [**detail**]