

Configuring Access Control for Communities

Use the following configuration statements to configure community strings for traditional access control:

```
snmp community community {  
    authorization (read-only|read-write);  
    clients clients;  
    oid oid;  
}
```

To configure community strings:

1. From configuration mode, access the configuration statement that configures the community string. Community names must be unique.

```
[edit]  
user@host# edit snmp community community
```

2. (Optional) Specify the authorization level.

To specify read-only access:

```
[edit snmp community community]  
user@host# set authorization read-only
```

To specify read and write access:

```
[edit snmp community community]  
user@host# set authorization read-write
```

3. Specify the IP address or subnet of the SNMP client hosts that are authorized to use this community.

```
[edit snmp community community]  
user@host# set clients clients
```

By default, all clients are allowed.

4. (Optional) Specify the object identifier used to represent a subtree of MIB object to which access is allowed.

```
[edit snmp community community]  
user@host# set oid oid
```

5. (Optional) Verify your configuration.

```
[edit snmp community community]  
user@host# show
```

Related Topics ■ Configuring the SNMP Agent

- Configuration Statements for the SNMP Agent

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