

Defining a Discontinuity Check to Validate Delta Values (SRC CLI)

You can configure a monitor to use a discontinuity check to prevent sending false alarms when the value of the monitored object is reset between two samples.

Use a discontinuity check when the sampling type for a monitor is **delta-value** and the test type is boolean or threshold. You define a variable, called a discontinuity marker (a MIB object used to validate the delta, or difference, between values). Typically, the marker object is of the type TimeTicks, DateAndTime, or Timestamp.

To define a discontinuity check:

1. Configure an SNMP alarm with the sample type set to **delta-value**.

See Configuring an SNMP Alarm on a C-series Controller (SRC CLI).

2. From configuration mode, access the configuration statements that configures a discontinuity check. For example, for an alarm named ifErrorsDelta:

```
[edit]
user@host# edit snmp monitor alarm ifErrorsDelta delta-discontinuity-check
```

3. Specify the name or object identifier (OID) of the discontinuity marker. For example:

```
[edit snmp monitor alarm sequence-check ifErrorsDelta delta-discontinuity-check]
user@host# set variable ifTable.ifEntry.ifLastChange
```

- Related Topics**
- Defining Events That Set Values for SNMP MIB Objects (SRC CLI)
 - Example: SNMP Monitoring of Multiple MIB Objects
 - Configuration Statements for Customized SRC SNMP Monitors
 - SNMP Monitoring on C-series Controllers

