

Defining an Alarm for an SNMP Monitor That Compares Object Values (SRC CLI)

You can configure a monitor to compare a sample value to a specified value or range of values by using one of the following types of comparisons:

- equal
- unequal
- less
- less-or-equal
- greater
- greater-or-equal



NOTE: Configure only one monitor test at a time.

Before you define an alarm type, configure the associated SNMP alarm.

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

To configure a monitor to compare a sample to a specified value or range of values:

1. From configuration mode, access the configuration statements that configure SNMP monitoring for a boolean test. For example:

```
[edit]
user@host# edit snmp monitor alarm saeHeapUsage boolean-test
```

where **saeHeapUsage** is the name of the alarm.

2. Specify the type of boolean test. For example:

```
[edit snmp monitor alarm saeHeapUsage boolean-test]
user@host# set comparison greater
```

3. Define the value that the test uses. For example:

```
[edit snmp monitor saeHeapUsage boolean-test]
user@host# value 14000000
```

Related Topics

- [Defining an Alarm to Monitor the Status of an Object \(SRC CLI\)](#)
- [Defining an Alarm for an SNMP Monitor That Compares Values Against Thresholds \(SRC CLI\)](#)
- [Configuration Statements for Customized SRC SNMP Monitors](#)
- [SNMP Monitoring on C-series Controllers](#)

