

# Understanding the IDERA MIB

A MIB is a standardized file that defines the data that is sent to the Network Management Console in the SNMP Trap events generated by SQL Diagnostic Manager.

SNMP traps enable an agent to spontaneously inform the management station of significant events by way of an unsolicited SNMP message. Traps are suitable when there is a large number of devices and each device has a large number of objects.

Note that in order for a management system to interpret a trap sent to it by an agent, it needs to have the MIB for that trap loaded.

The MIB file (Idera.MIB) defines the following data:

Name	OID	Syntax	Description
Alert Summary	.1.3.6.1.4.1.24117.1.2.1	DisplayString	Summary text of the alert
Alert Text	.1.3.6.1.4.1.24117.1.2.2	DisplayString	Full text description of the alert
Metric	.1.3.6.1.4.1.24117.1.2.3	DisplayString	SQLdm metric that triggered the alert
Severity	.1.3.6.1.4.1.24117.1.2.4	DisplayString	Severity of the alert
Instance	.1.3.6.1.4.1.24117.1.2.5	DisplayString	The SQL server instance that triggered the alert
Database	.1.3.6.1.4.1.24117.1.2.6	DisplayString	If applicable to the alert, the database that triggered the alert
Table	.1.3.6.1.4.1.24117.1.2.7	DisplayString	If applicable to the alert, the table that triggered the alert
Timestamp	.1.3.6.1.4.1.24117.1.2.8	DisplayString	The date and time that the alert was detected
Value	.1.3.6.1.4.1.24117.1.2.9	DisplayString	The value detected for the specific metric
Description	.1.3.6.1.4.1.24117.1.2.10	DisplayString	Description of metric
Comments	.1.3.6.1.4.1.24117.1.2.11	DisplayString	User specified comments pertaining to the metric