

Chapter 16

Advanced Insight Manager Management Information Base (MIB)

Advanced Insight Manager (AIM) supports the Juniper Networks Advanced Insight Manager enterprise-specific Management Information Bases (MIB). This MIB defines the traps sent by AIM to a remote network management system, see “AIM MIB Supported SNMP Traps” on page 164. The traps sent correspond with the trigger type of a reaction policy. For more information about creating a reaction policy in AIM, see “Creating a Policy” on page 132.

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AIM MIB Contents

The MIB file is named `jnx-ai-manager.mib` and has the following contents:

```
--
-- Juniper Enterprise Specific MIB: Advanced Insight Manager MIB
--
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--
-- The contents of this document are subject to change without notice.
--

JUNIPER-AI-MANAGER-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY, OBJECT-TYPE, NOTIFICATION-TYPE
        FROM SNMPv2-SMI
    DisplayString
        FROM SNMPv2-TC
    jnxAdvancedInsightMgr
        FROM JUNIPER-SMI;

jnxAIManager MODULE-IDENTITY

    LAST-UPDATED "200710090000Z"
    ORGANIZATION "Juniper Networks, Inc."
    CONTACT-INFO
```

```

        "          Juniper Technical Assistance Center
          Juniper Networks, Inc.
          1194 N. Mathilda Avenue
          Sunnyvale, CA 94089
          E-mail: support@juniper.net"

DESCRIPTION
    "The MIB modules representing Juniper Networks'
    implementation of enterprise specific MIBs
    supported by a single SNMP agent."
REVISION    "200710090000Z" -- 09-Oct-07
DESCRIPTION
    "Added Advanced Insight Manager identification objects."

 ::= { jnxAdvancedInsightMgr 1 }

-- Juniper Advanced Insight Manager MIB
--

-- Top level objects

jnxAIMDescr OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Description of Advanced Insight notification."
 ::= { jnxAIManager 1 }

jnxAIMHostName OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Device associated with Advanced Insight
    notification."
 ::= { jnxAIManager 2 }

jnxAIMOrganization OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Organization associated with Advanced Insight
    notification."
 ::= { jnxAIManager 3 }

jnxAIMIncidentHostID OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "HostID of incident associated with Advanced
    Insight notification."
 ::= { jnxAIManager 4 }

jnxAIMCaseID OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "CaseID (assigned by Juniper) associated with

```

```

        Advanced Insight notification."
 ::= { jnxAIManager 5 }

jnxAIMIssueDate OBJECT-TYPE
SYNTAX DisplayString (SIZE (0..63))
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Issue Date of the intelligence message associated
     with Advanced Insight notification."
 ::= { jnxAIManager 6 }

--
-- definition of Advanced Insight Manager traps
--

jnxAIManagerNotifications OBJECT IDENTIFIER ::= { jnxAIManager 0 }

jnxAIMNewIncidentDetected NOTIFICATION-TYPE
OBJECTS { jnxAIMDescr,
          jnxAIMHostName,
          jnxAIMOrganization,
          jnxAIMIncidentHostID }
STATUS current
DESCRIPTION
    "A jnxAIMNewIncidentDetected trap signifies that
     a new incident has been detected."
 ::= { jnxAIManagerNotifications 1 }

jnxAIMIncidentReportedToJuniper NOTIFICATION-TYPE
OBJECTS { jnxAIMDescr,
          jnxAIMHostName,
          jnxAIMOrganization,
          jnxAIMIncidentHostID }
STATUS current
DESCRIPTION
    "A jnxAIMIncidentReportedToJuniper trap signifies
     that an incident has been reported to Juniper."
 ::= { jnxAIManagerNotifications 2 }

jnxAIMCaseIDAssigned NOTIFICATION-TYPE
OBJECTS { jnxAIMDescr,
          jnxAIMHostName,
          jnxAIMOrganization,
          jnxAIMIncidentHostID,
          jnxAIMCaseID }
STATUS current
DESCRIPTION
    "A jnxAIMCaseIDAssigned trap signifies that an
     incident has been assigned CaseID."
 ::= { jnxAIManagerNotifications 3 }

jnxAIMCaseUpdated NOTIFICATION-TYPE
OBJECTS { jnxAIMDescr,
          jnxAIMHostName,
          jnxAIMOrganization,
          jnxAIMIncidentHostID,
          jnxAIMCaseID }
STATUS current
DESCRIPTION
    "A jnxAIMCaseUpdated trap signifies that
     a case has been updated."

```

```

 ::= { jnxAIManagerNotifications 4 }

jnxAIMNewIntelligenceMessage NOTIFICATION-TYPE
OBJECTS { jnxAIMDescr,
          jnxAIMOrganization,
          jnxAIMIssueDate }
STATUS current
DESCRIPTION
    "A jnxAIMNewIntelligenceMessage trap signifies
    that a new intelligence message has been received."
 ::= { jnxAIManagerNotifications 5 }
END

```

Supported SNMP Traps

The AIM MIB supports the SNMP traps shown in Table 78. These traps are organized first by trap name, SNMP trap OID, and attributes.

Table 78: AIM MIB Supported SNMP Traps

Trap Name	snmpTrapOID	Attributes
jnxAIMNewIncidentDetected	.1.3.6.1.4.1.2636.9.1.0.1	jnxAIMDescr jnxAIMHostName jnxAIMOrganization jnxAIMIncidentHostID
jnxAIMIncidentReportedToJuniper	.1.3.6.1.4.1.2636.9.1.0.2	jnxAIMDescr, jnxAIMHostName, jnxAIMOrganization, jnxAIMIncidentHostID
jnxAIMCaseIDAssigned	.1.3.6.1.4.1.2636.9.1.0.	jnxAIMDescr, jnxAIMHostName, jnxAIMOrganization, jnxAIMIncidentHostID, jnxAIMCaseID
jnxAIMCaseUpdated	.1.3.6.1.4.1.2636.9.1.0.4	jnxAIMDescr, jnxAIMHostName, jnxAIMOrganization, jnxAIMIncidentHostID, jnxAIMCaseID
jnxAIMNewIntelligenceMessage	.1.3.6.1.4.1.2636.9.1.0.5	jnxAIMDescr, jnxAIMOrganization, jnxAIMIssueDate