

Chapter 15

Advanced Insight Manager Management Information Base (MIB)

Advanced Insight Manager supports the Juniper Advanced Insight Manager enterprise-specific Management Information Bases (MIB). This MIB defines the traps sent by Advanced Insight Manager to a remote network management system, see “AIM MIB Supported SNMP Traps” on page 154. 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 136.

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- “AIM MIB Supported SNMP Traps” on page 154

AIM MIB Contents

The MIB file will be named `jnx-ai-manager.mib` and have the following contents:

```
--
-- Juniper Enterprise Specific MIB: Advanced Insight Manager MIB
--
-- Copyright (c) 2007, Juniper Networks, Inc.
-- All rights reserved.
--
-- 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 76. These traps are organized first by trap name, SNMP trap OID, then attributes.

Table 76: 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