

-- extracted from rfc2513.txt  
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ACCOUNTING-CONTROL-MIB DEFINITIONS ::= BEGIN

IMPORTS

MODULE-IDENTITY,  
OBJECT-TYPE,  
NOTIFICATION-TYPE,  
mib-2,  
Integer32  
    FROM SNMPv2-SMI  
TEXTUAL-CONVENTION,  
RowStatus,  
TestAndIncr,  
DisplayString,  
TruthValue  
    FROM SNMPv2-TC  
MODULE-COMPLIANCE,  
OBJECT-GROUP,  
NOTIFICATION-GROUP  
    FROM SNMPv2-CONF  
ifIndex  
    FROM IF-MIB;

accountingControlMIB MODULE-IDENTITY

LAST-UPDATED "9809281000Z" -- Sep 28, 1998 10:00:00 AM  
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DESCRIPTION

"The MIB module for managing the collection and storage of  
accounting information for connections in a connection-  
oriented network such as ATM."

-- 1.3.6.1.2.1.60 -- ::= { mib-2 60 }

acctngMIBObjects OBJECT IDENTIFIER

-- 1.3.6.1.2.1.60.1 -- ::= { accountingControlMIB 1 }

acctngSelectionControl OBJECT IDENTIFIER

-- 1.3.6.1.2.1.60.1.1 -- ::= { acctngMIBObjects 1 }

acctngFileControl OBJECT IDENTIFIER

-- 1.3.6.1.2.1.60.1.2 -- ::= { acctngMIBObjects 2 }

acctngInterfaceControl OBJECT IDENTIFIER

-- 1.3.6.1.2.1.60.1.3 -- ::= { acctngMIBObjects 3 }

acctngTrapControl OBJECT IDENTIFIER

-- 1.3.6.1.2.1.60.1.4 -- ::= { acctngMIBObjects 4 }

-- Textual Conventions

DataCollectionSubtree ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The subtree component of a (subtree, list) tuple. Such a  
(subtree, list) tuple defines a set of objects and their  
values to be collected as accounting data for a connection.  
The subtree specifies a single OBJECT IDENTIFIER value such  
that each object in the set is named by the subtree value  
appended with a single additional sub-identifier."

SYNTAX OBJECT IDENTIFIER

DataCollectionList ::= TEXTUAL-CONVENTION

**STATUS** current

**DESCRIPTION**

"The list component of a (subtree, list) tuple. Such a (subtree, list) tuple defines a set of objects and their values to be collected as accounting data for a connection. The subtree specifies a single OBJECT IDENTIFIER value such that each object in the set is named by the subtree value appended with a single additional sub-identifier. The list specifies a set of data items, where the presence of an item in the list indicates that the item is (to be) present in the data collected for a connection; the absence of an item from the list indicates that the item is not (to be) present in the data collected for a connection. Each data item is represented by an integer which when appended (as an additional sub-identifier) to the OBJECT IDENTIFIER value of the subtree identified by the tuple, is the name of an object defining that data item (its description and its syntax).

The list is specified as an OCTET STRING in which each data item is represented by a single bit, where data items 1 through 8 are represented by the bits in the first octet, data items 9 through 16 by the bits in the second octet, etc. In each octet, the lowest numbered data item is represented by the most significant bit, and the highest numbered data item by the least significant bit. A data item is present in the list when its bit is set, and absent when its bit is reset. If the length of an OCTET STRING value is too short to represent one or more data items defined in a subtree, then those data items are absent from the set identified by the tuple of that subtree and that OCTET STRING value."

**SYNTAX** OCTET STRING (SIZE (0..8))

**FileIndex ::= TEXTUAL-CONVENTION**

**STATUS** current

**DESCRIPTION**

"An arbitrary integer value identifying a file into which accounting data is being collected."

**SYNTAX** Integer32 (1..65535)

-- The Accounting Information Selection table

**acctngSelectionTable OBJECT-TYPE**

**SYNTAX** SEQUENCE OF AcctngSelectionEntry

**MAX-ACCESS** not-accessible

**STATUS** current

**DESCRIPTION**

"A list of accounting information selection entries.

Note that additions, modifications and deletions of entries in this table can occur at any time, but such changes only take effect on the next occasion when collection begins into a new file. Thus, between modification and the next 'swap', the content of this table does not reflect the current selection."

-- 1.3.6.1.2.1.60.1.1.1 -- ::= { acctngSelectionControl 1 }

**acctngSelectionEntry OBJECT-TYPE**

**SYNTAX** AcctngSelectionEntry

**MAX-ACCESS** not-accessible

**STATUS** current

**DESCRIPTION**

"An entry identifying an (subtree, list) tuple used to select a set of accounting information which is to be collected."

**INDEX** {  
    acctngSelectionIndex  
}

-- 1.3.6.1.2.1.60.1.1.1.1 -- ::= { acctngSelectionTable 1 }

```

AcctngSelectionEntry ::= SEQUENCE {
    acctngSelectionIndex      Integer32,
    acctngSelectionSubtree    DataCollectionSubtree,
    acctngSelectionList       DataCollectionList,
    acctngSelectionFile       FileIndex,
    acctngSelectionType       BITS,
    acctngSelectionRowStatus  RowStatus
}

```

```

acctngSelectionIndex OBJECT-TYPE
    SYNTAX      Integer32 (1..65535)
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        "An arbitrary integer value which uniquely identifies a
        tuple stored in this table. This value is required to be
        the permanent 'handle' for an entry in this table for as
        long as that entry exists, including across restarts and
        power outages."
-- 1.3.6.1.2.1.60.1.1.1.1.1 -- ::= { acctngSelectionEntry 1 }

```

```

acctngSelectionSubtree OBJECT-TYPE
    SYNTAX      DataCollectionSubtree
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "The combination of acctngSelectionSubtree and
        acctngSelectionList specifies one (subtree, list) tuple
        which is to be collected."
-- 1.3.6.1.2.1.60.1.1.1.1.2 -- ::= { acctngSelectionEntry 2 }

```

```

acctngSelectionList OBJECT-TYPE
    SYNTAX      DataCollectionList
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "The combination of acctngSelectionSubtree and
        acctngSelectionList specifies one (subtree, list) tuple
        which is to be collected."
-- 1.3.6.1.2.1.60.1.1.1.1.3 -- ::= { acctngSelectionEntry 3 }

```

```

acctngSelectionFile OBJECT-TYPE
    SYNTAX      FileIndex
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "An indication of the file into which the accounting
        information identified by this entry is to be stored. If
        there is no conceptual row in the acctngFileTable for which
        the value of acctngFileIndex has the same value as this
        object, then the information selected by this entry is not
        collected."
-- 1.3.6.1.2.1.60.1.1.1.1.4 -- ::= { acctngSelectionEntry 4 }

```

```

acctngSelectionType OBJECT-TYPE
    SYNTAX      BITS {
        svcIncoming(0),
        svcOutgoing(1),
        svpIncoming(2),
        svpOutgoing(3),
        pvc(4),
        pvp(5),
        spvcOriginator(6),
        spvcTarget(7),
        spvpOriginator(8),
        spvpTarget(9) }
    MAX-ACCESS  read-create

```

```

STATUS      current
DESCRIPTION
    "Indicates the types of connections for which the
    information selected by this entry are to be collected."
DEFVAL      { { svcIncoming, svcOutgoing, svpIncoming, svpOutgoing } }
-- 1.3.6.1.2.1.60.1.1.1.1.5 -- ::= { acctngSelectionEntry 5 }

```

**acctngSelectionRowStatus OBJECT-TYPE**

```

SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    "The status of this conceptual row. An agent may refuse to
    create new conceptual rows and/or modify existing conceptual
    rows, if such creation/modification would cause multiple
    rows to have the same values of acctngSelectionSubtree and
    acctngSelectionList."

```

*A conceptual row can not have the status of 'active' until values have been assigned to the acctngSelectionSubtree, acctngSelectionList and acctngSelectionFile columnar objects within that row.*

*An agent must not refuse to change the values of the acctngSelectionSubtree, acctngSelectionList and acctngSelectionFile columnar objects within a conceptual row even while that row's status is 'active'. Similarly, an agent must not refuse to destroy an existing conceptual row while the file referenced by that row's instance of acctngSelectionFile is in active use, i.e., while the corresponding instance of acctngFileRowStatus has the value 'active'. However, such changes only take effect upon the next occasion when collection begins into a new (version of the) file."*

```

-- 1.3.6.1.2.1.60.1.1.1.1.6 -- ::= { acctngSelectionEntry 6 }
-- The Accounting File table

```

**acctngFileTable OBJECT-TYPE**

```

SYNTAX      SEQUENCE OF AcctngFileEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    "A list of files into which accounting information is to be
    stored."

```

```

-- 1.3.6.1.2.1.60.1.2.1 -- ::= { acctngFileControl 1 }

```

**acctngFileEntry OBJECT-TYPE**

```

SYNTAX      AcctngFileEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    "An entry identifying a file into which accounting
    information is to be collected."

```

```

INDEX {
    acctngFileIndex
}

```

```

-- 1.3.6.1.2.1.60.1.2.1.1 -- ::= { acctngFileTable 1 }

```

```

AcctngFileEntry ::= SEQUENCE {
    acctngFileIndex          FileIndex,
    acctngFileName           DisplayString,
    acctngFileNameSuffix    DisplayString,
    acctngFileDescription   DisplayString,
    acctngFileCommand       INTEGER,
    acctngFileMaximumSize   Integer32,
    acctngFileCurrentSize   Integer32,
    acctngFileFormat        INTEGER,
    acctngFileCollectMode   BITS,
    acctngFileCollectFailedAttempts BITS,

```

```

    acctngFileInterval      Integer32,
    acctngFileMinAge        Integer32,
    acctngFileRowStatus     RowStatus
}

```

**acctngFileIndex OBJECT-TYPE**

```

SYNTAX      FileIndex
MAX-ACCESS  not-accessible
STATUS      current

```

**DESCRIPTION**

"A unique value identifying a file into which accounting data is to be stored. This value is required to be the permanent 'handle' for an entry in this table for as long as that entry exists, including across restarts and power outages."

```

-- 1.3.6.1.2.1.60.1.2.1.1.1 -- ::= { acctngFileEntry 1 }

```

**acctngFileName OBJECT-TYPE**

```

SYNTAX      DisplayString (SIZE (1..32))
MAX-ACCESS  read-create
STATUS      current

```

**DESCRIPTION**

"The name of the file into which accounting data is to be stored. If files are named using suffixes, then the name of the current file is the concatenation of acctngFileName and acctngFileNameSuffix.

An agent will respond with an error (e.g., 'wrongValue') to a management set operation which attempts to modify the value of this object to the same value as already held by another instance of acctngFileName. An agent will also respond with an error (e.g., 'wrongValue') if the new value is invalid for use as a file name on the local file system (e.g., many file systems do not support white space embedded in file names).

The value of this object can not be modified while the corresponding instance of acctngFileRowStatus is 'active'."

```

-- 1.3.6.1.2.1.60.1.2.1.1.2 -- ::= { acctngFileEntry 2 }

```

**acctngFileNameSuffix OBJECT-TYPE**

```

SYNTAX      DisplayString (SIZE (0..8))
MAX-ACCESS  read-only
STATUS      current

```

**DESCRIPTION**

"The suffix, if any, of the name of a file into which accounting data is currently being stored. If suffixes are not used, then the value of this object is the zero-length string. Note that if a separator, such as a period, is used in appending the suffix to the file name, then that separator appears as the first character of this value."

```

-- 1.3.6.1.2.1.60.1.2.1.1.3 -- ::= { acctngFileEntry 3 }

```

**acctngFileDescription OBJECT-TYPE**

```

SYNTAX      DisplayString
MAX-ACCESS  read-create
STATUS      current

```

**DESCRIPTION**

"The textual description of the accounting data which will be stored (on the next occasion) when header information is stored in the file. The value of this object may be modified at any time."

```

DEFVAL      { "" }

```

```

-- 1.3.6.1.2.1.60.1.2.1.1.4 -- ::= { acctngFileEntry 4 }

```

**acctngFileCommand OBJECT-TYPE**

```

SYNTAX      INTEGER {
                idle(1),

```

```

actions:          cmdInProgress(2),          -- the following two values are
read              swapToNewFile(3),
                  collectNow(4) }
MAX-ACCESS      read-create
STATUS          current
DESCRIPTION
    "A control object for the collection of accounting data.
    When read the value is either 'idle' or 'cmdInProgress'.
    Writing a value is only allowed when the current value is
    'idle'. When a value is successfully written, the value
    changes to 'cmdInProgress' until completion of the action,
    at which time the value reverts to 'idle'. Actions are
    invoked by writing the following values:

    'swapToNewFile' - the collection of data into the current
    file is terminated, and collection continues into
    a new (version of the) file.

    'collectNow' - the agent creates and stores a connection
    record into the current file for each active
    connection having a type matching
    acctngSelectionType and an age greater than
    acctngFileMinAge."
DEFVAL          { idle }
-- 1.3.6.1.2.1.60.1.2.1.1.5 -- ::= { acctngFileEntry 5 }

```

```

acctngFileMaximumSize OBJECT-TYPE
SYNTAX          Integer32 (100..2147483647)
UNITS           "bytes"
MAX-ACCESS      read-create
STATUS          current
DESCRIPTION
    "The maximum size of the file (including header
    information). When the file of collected data reaches this
    size, either the agent automatically swaps to a new version
    (i.e., a new value acctngFileNameSuffix) of the file, or new
    records are discarded. Since a file must contain an
    integral number of connection records, the actual maximum
    size of the file may be just less OR Just greater than the
    value of this object.

    The value of this object can not be modified while the
    corresponding instance of acctngFileRowStatus is 'active'.
    The largest value of the maximum file size in some agents
    will be less than 2147483647 bytes."
DEFVAL          { 5000000 }
-- 1.3.6.1.2.1.60.1.2.1.1.6 -- ::= { acctngFileEntry 6 }

```

```

acctngFileCurrentSize OBJECT-TYPE
SYNTAX          Integer32 (0..2147483647)
UNITS           "bytes"
MAX-ACCESS      read-only
STATUS          current
DESCRIPTION
    "The current size of the file into which data is currently
    being collected, including header information."
-- 1.3.6.1.2.1.60.1.2.1.1.7 -- ::= { acctngFileEntry 7 }

```

```

acctngFileFormat OBJECT-TYPE
SYNTAX          INTEGER {
                  other(1),
                  ber(2) }
MAX-ACCESS      read-create
STATUS          current
DESCRIPTION
    "An indication of the format in which the accounting data is

```

to be stored in the file. If the value is modified, the new value takes effect after the next 'swap' to a new file. The value ber(2) indicates the standard format."

**DEFVAL** { ber }

-- 1.3.6.1.2.1.60.1.2.1.1.8 -- ::= { acctngFileEntry 8 }

**acctngFileCollectMode OBJECT-TYPE**

**SYNTAX** BITS {  
    onRelease(0),  
    periodically(1) }

**MAX-ACCESS** read-create

**STATUS** current

**DESCRIPTION**

"An indication of when accounting data is to be written into this file. Note that in addition to the occasions indicated by the value of this object, an agent always writes information on appropriate connections to the file when the corresponding instance of acctngFileCommand is set to 'collectNow'.

- 'onRelease' - whenever a connection (or possibly, connection attempt) is terminated, either through a Release message or through management removal, information on that connection is written.

- 'periodically' - information on appropriate connections is written on the expiry of a periodic timer,

This value may be modified at any time."

**DEFVAL** { { onRelease } }

-- 1.3.6.1.2.1.60.1.2.1.1.9 -- ::= { acctngFileEntry 9 }

**acctngFileCollectFailedAttempts OBJECT-TYPE**

**SYNTAX** BITS {  
    soft(0),  
    regular(1) }

**MAX-ACCESS** read-create

**STATUS** current

**DESCRIPTION**

"An indication of whether connection data is to be collected for failed connection attempts when the value of the corresponding instance of acctngFileCollectMode includes 'onRelease'. The individual values have the following meaning:

'soft' - indicates that connection data is to be collected for failed Soft PVCs/PVPs which originate or terminate at the relevant interface.

'regular' - indicates that connection data is to be collected for failed SVCs, including Soft PVCs/PVPs not originating or terminating at the relevant interface.

This value may be modified at any time."

**DEFVAL** { { soft, regular } }

-- 1.3.6.1.2.1.60.1.2.1.1.10 -- ::= { acctngFileEntry 10 }

**acctngFileInterval OBJECT-TYPE**

**SYNTAX** Integer32 (60..86400)

**UNITS** "seconds"

**MAX-ACCESS** read-create

**STATUS** current

**DESCRIPTION**

"The number of seconds between the periodic collections of accounting data when the value of the corresponding instance of acctngFileCollectMode includes 'periodically'. Some agents may impose restrictions on the range of this interval. This value may be modified at any time."

**DEFVAL** { 3600 }

```

-- 1.3.6.1.2.1.60.1.2.1.1.11 -- ::= { acctngFileEntry 11 }

acctngFileMinAge OBJECT-TYPE
    SYNTAX      Integer32 (60..86400)
    UNITS       "seconds"
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "The minimum age of a connection, as used to determine the
        set of connections for which data is to be collected at the
        periodic intervals and/or when acctngFileCommand is set to
        'collectNow'. The age of a connection is the elapsed time
        since it was last installed.

        When the periodic interval expires for a file or when
        acctngFileCommand is set to 'collectNow', accounting data is
        collected and stored in the file for each connection having
        a type matching acctngSelectionType and whose age at that
        time is greater than the value of acctngFileMinAge
        associated with the file. This value may be modified at any
        time."
    DEFVAL     { 3600 }
-- 1.3.6.1.2.1.60.1.2.1.1.12 -- ::= { acctngFileEntry 12 }

acctngFileRowStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "The status of this conceptual row.

        This object can not be set to 'active' until a value has
        been assigned to the corresponding instance of
        acctngFileName. Collection of data into the file does not
        begin until this object has the value 'active' and one or
        more (active) instances of acctngSelectionFile refer to it.
        If this value is modified after a collection has begun,
        collection into this file terminates and a new (or new
        version of the) file is immediately made ready for future
        collection (as if acctngFileCommand had been set to
        'swapToNewFile'), but collection into the new (or new
        version of the) file does not begin until the value is
        subsequently set back to active."
-- 1.3.6.1.2.1.60.1.2.1.1.13 -- ::= { acctngFileEntry 13 }
-- Overall Control

acctngAdminStatus OBJECT-TYPE
    SYNTAX      INTEGER {
                    enabled(1),
                    disabled(2) }
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        "A control object to indicate the administratively desired
        state of the collection of accounting records across all
        interfaces.

        Modifying the value of acctngAdminStatus to 'disabled' does
        not remove or change the current configuration as
        represented by the active rows in the acctngSelectionTable,
        acctngFileTable and acctngInterfaceTable tables."
-- 1.3.6.1.2.1.60.1.3.1 -- ::= { acctngInterfaceControl 1 }

acctngOperStatus OBJECT-TYPE
    SYNTAX      INTEGER {
                    enabled(1),
                    disabled(2) }
    MAX-ACCESS  read-only
    STATUS      current

```

## DESCRIPTION

"A status object to indicate the operational state of the collection of accounting records across all interfaces.

When the value of `acctngAdminStatus` is modified to be 'enabled', the value of this object will change to 'enabled' providing it is possible to begin collecting accounting records.

When the value of `acctngAdminStatus` is modified to be 'disabled', the value of this object will change to 'disabled' as soon as the collection of accounting records has terminated."

```
-- 1.3.6.1.2.1.60.1.3.2 -- ::= { acctngInterfaceControl 2 }
```

## acctngProtection OBJECT-TYPE

SYNTAX TestAndIncr

MAX-ACCESS read-write

STATUS current

### DESCRIPTION

"A control object to protect against duplication of control commands. Over some transport/network protocols, it is possible for SNMP messages to get duplicated. Such duplication, if it occurred at just the wrong time could cause serious disruption to the collection and retrieval of accounting data, e.g., if a SNMP message setting `acctngFileCommand` to 'swapToNewFile' were to be duplicated, a whole file of accounting data could be lost.

To protect against such duplication, a management application should retrieve the value of this object, and include in the Set operation needing protection, a variable binding which sets this object to the retrieved value."

```
-- 1.3.6.1.2.1.60.1.3.3 -- ::= { acctngInterfaceControl 3 }
```

## acctngAgentMode OBJECT-TYPE

SYNTAX INTEGER {  
    swapOnCommand(1),  
    swapOnFull(2) }

MAX-ACCESS read-only

STATUS current

### DESCRIPTION

"An indication of the behaviour mode of the agent when a file becomes full:

'swapOnCommand' - the agent does not automatically swap to a new file; rather, it discards newly collected data until a management application subsequently instructs it to swap to a new file.

'swapOnFull' - the agent terminates collection into the current file as and when that file becomes full."

```
-- 1.3.6.1.2.1.60.1.3.4 -- ::= { acctngInterfaceControl 4 }
```

```
-- Per-interface control table
```

## acctngInterfaceTable OBJECT-TYPE

SYNTAX SEQUENCE OF AcctngInterfaceEntry

MAX-ACCESS not-accessible

STATUS current

### DESCRIPTION

"A table controlling the collection of accounting data on specific interfaces of the switch."

```
-- 1.3.6.1.2.1.60.1.3.5 -- ::= { acctngInterfaceControl 5 }
```

## acctngInterfaceEntry OBJECT-TYPE

SYNTAX AcctngInterfaceEntry

MAX-ACCESS not-accessible

STATUS current

### DESCRIPTION

```

        "An entry which controls whether accounting data is to be
        collected on an interface. The types of interfaces which
        are represented in this table is implementation-specific."
INDEX {
    ifIndex
}
-- 1.3.6.1.2.1.60.1.3.5.1 -- ::= { acctngInterfaceTable 1 }

AcctngInterfaceEntry ::= SEQUENCE {
    acctngInterfaceEnable TruthValue
}

acctngInterfaceEnable OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        "Indicates whether the collection of accounting data is
        enabled on this interface."
-- 1.3.6.1.2.1.60.1.3.5.1.1 -- ::= { acctngInterfaceEntry 1 }
-- Objects for controlling the use of Notifications

acctngControlTrapThreshold OBJECT-TYPE
    SYNTAX      INTEGER (0..99)
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        "A percentage of the maximum file size at which a 'nearly-
        full' trap is generated. The value of 0 indicates that no
        'nearly-full' trap is to be generated."
-- 1.3.6.1.2.1.60.1.4.1 -- ::= { acctngTrapControl 1 }

acctngControlTrapEnable OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        "An indication of whether the acctngFileNearlyFull and
        acctngFileFull traps are enabled."
-- 1.3.6.1.2.1.60.1.4.2 -- ::= { acctngTrapControl 2 }
-- notifications

acctngNotifications OBJECT IDENTIFIER
-- 1.3.6.1.2.1.60.2 -- ::= { accountingControlMIB 2 }

acctngNotifyPrefix OBJECT IDENTIFIER
-- 1.3.6.1.2.1.60.2.0 -- ::= { acctngNotifications 0 }

acctngFileNearlyFull NOTIFICATION-TYPE
    OBJECTS {
        acctngFileName,
        acctngFileMaximumSize,
        acctngControlTrapThreshold,
        acctngFileNameSuffix
    }
    STATUS      current
    DESCRIPTION
        "An indication that the size of the file into which
        accounting information is currently being collected has
        exceeded the threshold percentage of its maximum file size.
        This notification is generated only at the time of the
        transition from not-exceeding to exceeding."
-- 1.3.6.1.2.1.60.2.0.1 -- ::= { acctngNotifyPrefix 1 }

acctngFileFull NOTIFICATION-TYPE
    OBJECTS {
        acctngFileName,
        acctngFileMaximumSize,

```

```

        acctngFileNameSuffix
    }
    STATUS          current
    DESCRIPTION
        "An indication that the size of the file into which
        accounting information is currently being collected has
        transistioned to its maximum file size. This notification
        is generated (for all values of acctngAgentMode) at the time
        of the transition from not-full to full. If acctngAgentMode
        has the value 'swapOnCommand', it is also generated
        periodically thereafter until such time as collection of
        data is no longer inhibited by the file full condition."
    -- 1.3.6.1.2.1.60.2.0.2 -- ::= { acctngNotifyPrefix 2 }
-- conformance information

acctngConformance OBJECT IDENTIFIER
-- 1.3.6.1.2.1.60.3 -- ::= { accountingControlMIB 3 }

acctngGroups OBJECT IDENTIFIER
-- 1.3.6.1.2.1.60.3.1 -- ::= { acctngConformance 1 }

acctngCompliances OBJECT IDENTIFIER
-- 1.3.6.1.2.1.60.3.2 -- ::= { acctngConformance 2 }

acctngCompliance MODULE-COMPLIANCE
    STATUS          current
    DESCRIPTION
        "The compliance statement for switches which implement the
        Accounting Control MIB."
    MODULE
    MANDATORY-GROUPS {
        acctngBasicGroup,
        acctngNotificationsGroup
    }
    OBJECT          acctngSelectionType
    SYNTAX          BITS {
        svcIncoming(0),
        svcOutgoing(1) }
    DESCRIPTION
        "The minimal requirement is collection for SVCs."
    OBJECT          acctngSelectionRowStatus
    MIN-ACCESS      read-only
    DESCRIPTION
        "Write access is not required."
    OBJECT          acctngFileName
    MIN-ACCESS      read-only
    DESCRIPTION
        "Write access is not required."
    OBJECT          acctngFileCommand
    MIN-ACCESS      read-only
    DESCRIPTION
        "Write access is not required."
    OBJECT          acctngFileFormat
    SYNTAX          INTEGER {
        ber(2) }
    MIN-ACCESS      read-only
    DESCRIPTION
        "Only the standard format is required, and write
        access is not required."
    OBJECT          acctngFileMaximumSize
    MIN-ACCESS      read-only
    DESCRIPTION
        "Write access is not required."
    OBJECT          acctngFileCollectMode
    SYNTAX          BITS {
        onRelease(0) }
    MIN-ACCESS      read-only
    DESCRIPTION
        "The minimal requirement is for collection on

```

```

        connection release."
OBJECT      acctngFileInterval
MIN-ACCESS  read-only
DESCRIPTION
    "Write access is not required."
OBJECT      acctngFileCollectFailedAttempts
MIN-ACCESS  read-only
DESCRIPTION
    "Write access is not required."
OBJECT      acctngFileRowStatus
MIN-ACCESS  read-only
DESCRIPTION
    "Write access is not required."
-- 1.3.6.1.2.1.60.3.2.1 -- ::= { acctngCompliances 1 }
-- units of conformance

```

**acctngBasicGroup OBJECT-GROUP**

```

OBJECTS {
    acctngSelectionSubtree,
    acctngSelectionList,
    acctngSelectionFile,
    acctngSelectionType,
    acctngSelectionRowStatus,
    acctngFileName,
    acctngFileNameSuffix,
    acctngFileDescription,
    acctngFileCommand,
    acctngFileMaximumSize,
    acctngFileCurrentSize,
    acctngFileRowStatus,
    acctngFileFormat,
    acctngFileCollectMode,
    acctngFileCollectFailedAttempts,
    acctngFileInterval,
    acctngFileMinAge,
    acctngAdminStatus,
    acctngOperStatus,
    acctngProtection,
    acctngAgentMode,
    acctngInterfaceEnable,
    acctngControlTrapThreshold,
    acctngControlTrapEnable
}
STATUS      current
DESCRIPTION
    "A collection of objects providing control of the basic
    collection of accounting data for connection-oriented
    networks."
-- 1.3.6.1.2.1.60.3.1.1 -- ::= { acctngGroups 1 }

```

**acctngNotificationsGroup NOTIFICATION-GROUP**

```

NOTIFICATIONS {
    acctngFileNearlyFull,
    acctngFileFull
}
STATUS      current
DESCRIPTION
    "The notifications of events relating to controlling the
    collection of accounting data."
-- 1.3.6.1.2.1.60.3.1.2 -- ::= { acctngGroups 2 }

```

**END**

```

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