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--
-- file: NMOpcom.mib
--
-- COMTEK Services, Inc.
-- MIB for VMS NM*Opcom Subagent
-- Release      3.5
-- Date         January 2002
-- Author       NF
--
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```

```
COMTEK-VMS-NM-OPCOM-MIB DEFINITIONS ::= BEGIN
```

```
IMPORTS
```

```

    DisplayString          FROM RFC1213-MIB
    OBJECT-TYPE            FROM RFC-1212
    TRAP-TYPE              FROM RFC-1215
    TimeTicks, Counter     FROM RFC1155-SMI
    comtekVmsNMOpcomMib, comtekVmsNMOpcomSubagent,
    comtekSubagent
                                FROM COMTEK-DEFINITIONS-MIB;

```

```

oOpcom OBJECT IDENTIFIER ::= { comtekVmsNMOpcomMib 1 }
oOpcomCfg OBJECT IDENTIFIER ::= { comtekVmsNMOpcomMib 2 }
oSubagent OBJECT IDENTIFIER ::= { comtekSubagent 6 }

```

```
oOpcomMsgOne OBJECT-TYPE
```

```

    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 1 of opcom message data. If the opcom message is
        longer than 255 characters, the remainder will be sent
        in oOpcomMsgTwo, oOpcomMsgThree, oOpcomMsgFour,
        oOpcomMsgFive, and oOpcomMsgSix, and oOpcomMsgSeven
        as appropriate."
    ::= { oOpcom 1 }

```

```
oOpcomMsgTwo OBJECT-TYPE
```

```

    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 2 of opcom message data."
    ::= { oOpcom 2 }

```

```

oOpcomMsgThree OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 3 of opcom message data."
    ::= { oOpcom 3 }

oOpcomMsgFour OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 4 of opcom message data."
    ::= { oOpcom 4 }

oOpcomMsgFive OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 5 of opcom message data."
    ::= { oOpcom 5 }

oOpcomMsgSix OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 6 of opcom message data."
    ::= { oOpcom 6 }

oOpcomMsgSeven OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Part 7 of opcom message data."
    ::= { oOpcom 7 }

oOpcomCfgCards OBJECT-TYPE
    SYNTAX INTEGER { enabled(1), disabled(2) }
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "Flag which determines if NM*Opcom will receive opcom
        CARDS class messages. Setting this variable to disabled(2)
        disables NM*Opcom from receiving CARDS opcom messages.

        Configuration Variable: OpcomCards
        Set-requests:           Take effect on next process start-up

        Changes to this value are written to the oCfgFile."
    DEFVAL { enabled }
    ::= { oOpcomCfg 1 }

```

oOpcomCfgCentral OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
CENTRAL class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving CENTRAL opcom messages.

Configuration Variable: OpcomCentral
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
 ::= { oOpcomCfg 2 }

oOpcomCfgCluster OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
CLUSTER class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving CLUSTER opcom messages.

Configuration Variable: OpcomCluster
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
 ::= { oOpcomCfg 3 }

oOpcomCfgDevices OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
DEVICES class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving DEVICES opcom messages.

Configuration Variable: OpcomDevices
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
 ::= { oOpcomCfg 4 }

oOpcomCfgDisks OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
DISKS class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving DISKS opcom messages.

Configuration Variable: OpcomDisks
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 5 }

oOpcomCfgLicense OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom
LICENSE class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving LICENSE opcom messages.

Configuration Variable: OpcomLicense
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 6 }

oOpcomCfgNetwork OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom
NETWORK class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving NETWORK opcom messages.

Configuration Variable: OpcomNetwork
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 7 }

oOpcomCfgOper1 OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom
OPER1 class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving OPER1 opcom messages.

Configuration Variable: OpcomOper1
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 8 }

oOpcomCfgOper2 OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }

ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
OPER2 class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving OPER2 opcom messages.

Configuration Variable: OpcomOper2
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 9 }

oOpcomCfgOper3 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
OPER3 class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving OPER3 opcom messages.

Configuration Variable: OpcomOper3
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 10 }

oOpcomCfgOper4 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
OPER4 class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving OPER4 opcom messages.

Configuration Variable: OpcomOper4
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 11 }

oOpcomCfgOper5 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
"Flag which determines if NM*Opcom will receive opcom
OPER5 class messages. Setting this variable to disabled(2)
disables NM*Opcom from receiving OPER5 opcom messages.

Configuration Variable: OpcomOper5
Set-requests: Take effect on next process start-up

```

                Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 12 }

oOpcomCfgOper6 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
    "Flag which determines if NM*Opcom will receive opcom
    OPER6 class messages. Setting this variable to disabled(2)
    disables NM*Opcom from receiving OPER6 opcom messages.

    Configuration Variable: OpcomOper6
    Set-requests:           Take effect on next process start-up

    Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 13 }

oOpcomCfgOper7 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
    "Flag which determines if NM*Opcom will receive opcom
    OPER7 class messages. Setting this variable to disabled(2)
    disables NM*Opcom from receiving OPER7 opcom messages.

    Configuration Variable: OpcomOper7
    Set-requests:           Take effect on next process start-up

    Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 14 }

oOpcomCfgOper8 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
    "Flag which determines if NM*Opcom will receive opcom
    OPER8 class messages. Setting this variable to disabled(2)
    disables NM*Opcom from receiving OPER8 opcom messages.

    Configuration Variable: OpcomOper8
    Set-requests:           Take effect on next process start-up

    Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oOpcomCfg 15 }

oOpcomCfgOper9 OBJECT-TYPE
SYNTAX INTEGER { enabled(1), disabled(2) }
ACCESS read-write
STATUS mandatory

```

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom OPER9 class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving OPER9 opcom messages.

Configuration Variable: OpcomOper9
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 16 }

oOpcomCfgOper10 OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }

ACCESS read-write

STATUS mandatory

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom OPER10 class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving OPER10 opcom messages.

Configuration Variable: OpcomOper10
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 17 }

oOpcomCfgOper11 OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }

ACCESS read-write

STATUS mandatory

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom OPER11 class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving OPER11 opcom messages.

Configuration Variable: OpcomOper11
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { enabled }
::= { oOpcomCfg 18 }

oOpcomCfgOper12 OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }

ACCESS read-write

STATUS mandatory

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom OPER12 class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving OPER12 opcom messages.

Configuration Variable: OpcomOper12
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

```
DEFVAL { enabled }
::= { oOpcomCfg 19 }
```

oOpcomCfgPrinter OBJECT-TYPE

```
SYNTAX INTEGER { enabled(1), disabled(2) }
```

```
ACCESS read-write
```

```
STATUS mandatory
```

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom PRINTER class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving PRINTER opcom messages.

Configuration Variable: OpcomPrinter

Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

```
DEFVAL { enabled }
```

```
::= { oOpcomCfg 20 }
```

oOpcomCfgSecurity OBJECT-TYPE

```
SYNTAX INTEGER { enabled(1), disabled(2) }
```

```
ACCESS read-write
```

```
STATUS mandatory
```

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom SECURITY class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving SECURITY opcom messages.

Configuration Variable: OpcomSecurity

Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

```
DEFVAL { enabled }
```

```
::= { oOpcomCfg 21 }
```

oOpcomCfgTapes OBJECT-TYPE

```
SYNTAX INTEGER { enabled(1), disabled(2) }
```

```
ACCESS read-write
```

```
STATUS mandatory
```

DESCRIPTION

"Flag which determines if NM*Opcom will receive opcom TAPES class messages. Setting this variable to disabled(2) disables NM*Opcom from receiving TAPES opcom messages.

Configuration Variable: OpcomTapes

Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

```
DEFVAL { enabled }
```

```
::= { oOpcomCfg 22 }
```

oOpcomCfgFilter OBJECT-TYPE

```
SYNTAX INTEGER { dropMatch(1), keepMatch(2) }
```

```
ACCESS read-write
```

```
STATUS mandatory
```

DESCRIPTION

"Flag which determines if NM*Opcom will drop messages that

match filter criteria or drop all messages except those that match filter criteria.

Configuration Variable: Filter
Set-requests: Take effect on next process start-up

Changes to this value are written to the oCfgFile."

DEFVAL { dropMatch }
::= { oOpcomCfg 23 }

oSubagentOID OBJECT-TYPE

SYNTAX OBJECT IDENTIFIER

ACCESS read-only

STATUS mandatory

DESCRIPTION

"Subagent OID used to identify the subagent."

::= { oSubagent 1 }

oTrapNextSeqNum OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-only

STATUS mandatory

DESCRIPTION

"The next sequence number in trap table. When this variable is sent as part of a trap, it identifies the sequence number assigned to that trap. This is a 32-bit value and will wrap after 4294967295."

::= { oSubagent 2 }

oTrapTime OBJECT-TYPE

SYNTAX TimeTicks

ACCESS read-only

STATUS mandatory

DESCRIPTION

"oCfgUpTime when the trap was created."

::= { oSubagent 3 }

oTrapResendSeqNum OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-write

STATUS mandatory

DESCRIPTION

"Sequence number of a trap message to be resent to the manager. Setting this variable to a trap sequence number causes the specified trap message to be resent. If the set-request contains a sequence number that is not available (the number of items retained in the trap table is dependent on the value of oCfgTrapTblSize), an error indicator will be returned."

::= { oSubagent 4 }

oTrapLastSeqNumSent OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-only

STATUS mandatory

DESCRIPTION

"Sequence number of the last trap sent. This value may be compared to oTrapNextSeqNum to determine if a backlog of traps exists. If this value is one less than oTrapNextSeqNum, then no backlog exists. A backlog of traps may exist if more traps are generated per second than may be sent (as specified by the variable oCfgMaxTrapSec)."

::= { oSubagent 5 }

oTrapLostCount OBJECT-TYPE

SYNTAX Counter

ACCESS read-only

STATUS mandatory

DESCRIPTION

"This variable indicates the number of traps that have been lost. A trap is considered to be lost if it is overwritten in the internal trap table before it is sent to the manager. This may occur if the trap table is not large enough (see oCfgTrapTblSize) to hold all of unsent traps. How quickly traps are sent to the manager is governed by the oCfgMaxTrapSec variable. To prevent trap loss, set these two variables so that the trap backlog does not overflow the trap table and so that traps do not flood the network."

::= { oSubagent 6 }

oSwErrStatus OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-only

STATUS mandatory

DESCRIPTION

"The latest software status code."

::= { oSubagent 7 }

oSwErrFile OBJECT-TYPE

SYNTAX DisplayString (SIZE (0..255))

ACCESS read-only

STATUS mandatory

DESCRIPTION

"The file name of the software element which generated the latest software status code."

::= { oSubagent 8 }

oSwErrLineNum OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-only

STATUS mandatory

DESCRIPTION

"The line number in the file which generated the latest software status code."

::= { oSubagent 9 }

oSwErrLastTime OBJECT-TYPE

SYNTAX TimeTicks

ACCESS read-only

STATUS mandatory

DESCRIPTION

"oCfgUpTime when the most recent software status code was generated."

```

 ::= { oSubagent 10 }

oSwErrMessage OBJECT-TYPE
    SYNTAX DisplayString
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Description of the latest software error."
 ::= { oSubagent 11 }

oCfgFile OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "Name of the file currently being used for subagent
        initialization parameters. The subagent must be
        reinitialized (by setting the variable oCfgReinitSubagent
        to true) after a set-request on this variable before the new
        file is used. If a set-request is performed on this variable
        and the specified file name does not exist, is not accessible,
        or contains invalid data, the file name is not changed, an
        error is returned, and a oSwErr trap is generated describing
        the error.

        Set-requests: Take effect only after reinitialization
        (oCfgReinitSubagent)"
 ::= { oSubagent 12 }

oCfgLogFile OBJECT-TYPE
    SYNTAX DisplayString (SIZE (0..255))
    ACCESS read-only
    STATUS mandatory
    DESCRIPTION
        "Name of the log file currently being used by the subagent."
 ::= { oSubagent 13 }

oCfgReinitSubagent OBJECT-TYPE
    SYNTAX INTEGER { true(1), false(2) }
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "Flag which may be set to force the subagent to
        reinitialize. Reinitialization involves resetting the
        process configuration using the parameters contained in
        the oCfgFile and sending the oWarmStart trap."
    DEFVAL { false }
 ::= { oSubagent 14 }

oCfgTraps OBJECT-TYPE
    SYNTAX INTEGER { enabled(1), disabled(2) }
    ACCESS read-write
    STATUS mandatory
    DESCRIPTION
        "Flag which determines if any trap messages are sent to the
        master agent. Setting this variable to disabled(2) disables
        all traps from being sent."

```

Configuration Variable: Traps
Set-requests: Take effect immediately

Changes to this value are written to the oCfgFile."
DEFVAL { enabled }
::= { oSubagent 15 }

oCfgTrapTblSize OBJECT-TYPE

SYNTAX INTEGER (10..5000)

ACCESS read-write

STATUS mandatory

DESCRIPTION

"The maximum number of traps to be retained. Traps that are retained may be resent (see oTrapResendSeqNum) unless too many subsequent traps have been generated. This variable controls how many traps are retained in the subagent's internal trap table.

Configuration Variable: TrapTableSize
Set-Requests: Take effect immediately

Changes to this value are written to the oCfgFile."
DEFVAL { 100 }
::= { oSubagent 16 }

oCfgTimeout OBJECT-TYPE

SYNTAX INTEGER (0..3600)

ACCESS read-only

STATUS mandatory

DESCRIPTION

"This variable identifies the time-out value that is to be used by the subagent during subtree registration. If this value is set to zero, the default value identified by the master agent will be used. If the value specified exceeds the current maximum that the master agent allows, the master agent's maximum will be used instead. This value is specified in seconds.

Configuration Variable: Timeout
Set-requests: Take effect at next process start-up

Changes to this value are written to the oCfgFile."
DEFVAL { 0 }
::= { oSubagent 17 }

oCfgControlTermProc OBJECT-TYPE

SYNTAX INTEGER { enabled(1), disabled(2) }

ACCESS read-only

STATUS mandatory

DESCRIPTION

"Flag which may be used to disable process termination by the oCfgTermProc variable. Setting this variable to enabled(1) allows the oCfgTermProc variable to be set to true(1) to terminate the subagent process. Setting this variable to disabled(2) prevents the oCfgTermProc variable from being set.

```

        Configuration Variable: ControlTermProc"
DEFVAL { disabled }
::= { oSubagent 18 }

oCfgTermProc OBJECT-TYPE
SYNTAX INTEGER { true(1), false(2) }
ACCESS read-write
STATUS mandatory
DESCRIPTION
    "Flag which may be used to shutdown the subagent process.
    Setting this flag to true causes the subagent process to
    respond to the set-request, send the oTermProc trap, close
    the connection to the master agent, and shutdown. If the
    oCfgControlTermProc flag state is disabled(2), the
    oCfgTermProc variable can not be set.

        Set-requests:          Take effect immediately if
                                oCfgControlTermProc is enabled(2)"
DEFVAL { false }
::= { oSubagent 19 }

oCfgVersion OBJECT-TYPE
SYNTAX DisplayString
ACCESS read-only
STATUS mandatory
DESCRIPTION
    "Current version of the NM*Toolkit Subagent Kernel software."
::= { oSubagent 20 }

oCfgUpTime OBJECT-TYPE
SYNTAX TimeTicks
ACCESS read-only
STATUS mandatory
DESCRIPTION
    "Subagent up time."
::= { oSubagent 21 }

oCfgMaxTrapSec OBJECT-TYPE
SYNTAX INTEGER (0..100)
ACCESS read-write
STATUS mandatory
DESCRIPTION
    "This value specifies the maximum number of traps per second
    that may be sent. A value of zero disables trap throttling,
    allowing all traps to be sent as they are generated. It
    is recommended that this value and oCfgTrapTblSize be
    tuned to each operational environment.

        Configuration Variable: MaxTrapSec
        Set-requests:          Take effect immediately.

    Changes to this value are written to the oCfgFile."
DEFVAL { 0 }
::= { oSubagent 22 }

```

```

-- The NM*Opcom Subagent process maintains an internal trap table
-- containing the latest traps that have been sent by the subagent.
-- The number of traps that are retained in the internal trap table
-- is controlled by the oCfgTrapTblSize variable. Each trap that is
-- sent by NM*Opcom includes a trap sequence number and a timestamp
-- as well as any trap specific data. The trap sequence number may
-- be used to request that a trap be resent to the manager.
--
--
-- The number of traps per second that may be sent is governed by the
-- oCfgMaxTrapSec variable. oTrapLastSeqNumSent identifies the
-- sequence number of the last trap that was actually sent, if no
-- backlog of traps exists, this number will be one less than
-- oTrapNextSeqNum. If a backlog exists due to throttling, then
-- the size of the backlog may be determined by comparing these
-- numbers. If the size of the backlog exceeds the size of the
-- trap table (as set by oCfgTrapTblSize), the backlogged traps
-- will be lost as they are overwritten by new traps, the number
-- of traps that have been lost is contained in oTrapLostCount.

oColdStart TRAP-TYPE
    ENTERPRISE      comtekVmsNMOpcomSubagent
    VARIABLES       { oTrapNextSeqNum, oTrapTime, oCfgVersion }
    DESCRIPTION
        "A oColdStart trap signifies that the sending protocol entity
        is reinitializing itself such that the agent's configuration
        or the protocol entity implementation may be altered."
    ::= 0

oSWErr TRAP-TYPE
    ENTERPRISE      comtekVmsNMOpcomSubagent
    VARIABLES       { oTrapNextSeqNum, oTrapTime, oSWErrStatus, oSWErrFile,
                    oSWErrLineNum, oSWErrMessage }
    DESCRIPTION
        "Software error encountered. This trap indicates that subagent
        was unable to perform some action and explains the error. This
        trap is typically encountered if oCfgFile is set to a new file name
        which is erroneous or contains invalid data."
    ::= 1

oTermProc TRAP-TYPE
    ENTERPRISE      comtekVmsNMOpcomSubagent
    VARIABLES       { oTrapNextSeqNum, oTrapTime }
    DESCRIPTION
        "Subagent process termination."
    ::= 2

oWarmStart TRAP-TYPE
    ENTERPRISE      comtekVmsNMOpcomSubagent
    VARIABLES       { oTrapNextSeqNum, oTrapTime }
    DESCRIPTION
        "The subagent process has been reinitialized."
    ::= 3

oOpcomTrp TRAP-TYPE
    ENTERPRISE      comtekVmsNMOpcomSubagent
    VARIABLES       { oTrapNextSeqNum, oTrapTime, oOpcomMsgOne,
                    oOpcomMsgTwo, oOpcomMsgThree,

```

```
oOpcomMsgFour, oOpcomMsgFive,  
oOpcomMsgSix, oOpcomMsgSeven }  
DESCRIPTION  
    "Opcom message."  
 ::= 4
```

END