SysLog-MIB

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The draft

draft-ietf-syslog-device-mib-05.txt

Purpose

▲ Monitoring Syslog operation :

  ▲ Stats on messages, received, processed, relayed

  ▲ System wide Parameters,

  ▲ (Process-wise) run-time parameters

▲ Configuring/Control Syslog processes (?)

Syslog: ISSUE#2

Subject: Make the MIB generic (now BSD-centric)

Action: Handle Configuration section as a black-box
          (Details are opaque to syslog)

Status: Done

Syslog: ISSUE#3

Subject: Do not overlap with HR-MIB

Action: Provide mapping to hrSWRunTable
             Remove syslogParamsProcessStatus

                             (make it readOnly ?)

          Add   syslogProcReference

Status: Done

Syslog: ISSUE#3

```
syslogProcReference OBJECT-TYPE
      SYNTAX        Integer32
      MAX-ACCESS    read-only
      STATUS        current
      DESCRIPTION
          "If the Host resource MIB is serviced on the
           host then this will entry will have the value
           of the hrSWRunIndex of the corresponding
           entry in the hrSWRunTable.
           Otherwise this object will be inaccessible.
          "

      ::= { syslogProcEntry 13 }
```

Syslog: ISSUE#4

Subject: Add SNMP Notifications
Action:

Status: Done

SNMP notification

-Syslog over SNMP ?

Separate draft ?

-Syslog status over SNMP ?

Syslog: ISSUE#5

Subject: Add a "No-DNS lookup"

Action: Done
Status: Done

Add a "No-DNS lookup"

```
syslogParamsDNSLookup OBJECT-TYPE
    SYNTAX INTEGER {
                    doNotUseDNSLookUp (1)
                    useLocalCache          (2),
                    doNotUseLocalCache   (3)
                    }
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION
        ""
    DEFVAL { useLocalCache }
        ::= { syslogParamsEntry 9 }
```

Syslog: ISSUE#6

Subject: Configuration stuff- keep or remove ?

Action: Do it using ScriptMIB ?

Status: Done

Configuration stuff

Requirements: generic model

Implementation dependence

Solution: generic model => blackbox

configuration => "syslog.conf"

use scriptMIB to set "syslog.conf"

Plan: next draft mid-April

▲ DESCRIPTION clauses

▲ REFERENCE clauses

▲ Editorial nits