

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#1

Security Considerations should address

Threats due to READONLY access

Other threats

Action: Already done

Status: Waiting on community input

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 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