

FUJITSU Software
ServerView Infrastructure Manager V2.1
Notes on MIB File Import

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Modification History		
Edition	Publication Date	Modification Overview
01	July 2017	First Edition

ServerView Infrastructure Manager V2.1 (hereinafter referred to as "ISM2.1") is capable of importing external MIB. This document describes the format of MIB file import.

For the details and abbreviations used within this document, refer to the manuals below.

- FUJITSU Software ServerView Infrastructure Manager V2.1 User's Manual
- FUJITSU Software ServerView Infrastructure Manager V2.1 Glossary

1. About the description format of MIB

By describing the specific format for the annotation in the trap definition, it is possible to indicate the severity of MIB etc., but it may not be processed as defined depending on the contents.

The annotation format of the Trap definition (TRAP-TYPE/NOTIFICATION-TYPE) of MIB conforms to the format proposed by Novell NMS.

Examples :

```
sniScVoltageTooHigh TRAP-TYPE
ENTERPRISE sniServerMgmt
VARIABLES {
trapServerName,
trapTime,
trapCabinetNumber,
trapObjectNumber,
trapString
}
DESCRIPTION
    "Power supply voltage is too high."
--#TYPE      "Voltage too high"
--#SUMMARY   "Power supply voltage %d (%s) in cabinet %d at server %s is too high."
--#SEVERITY  CRITICAL
 ::= 652
```

■ Description of Comment Field :

--#TYPE	Short name for the Trap. This name can be up to 40 characters long. It is used as a part of the trap message in ISM.
--#SUMMARY	Description of the trap with placeholders and format information for the actual parameters for trap transmission. It is used as a part of the trap message in ISM.
--#ARGUMENTS	List of parameters to substitute in the SUMMARY string. Parameters are substituted in the order in which they appear in the list. Each element of the list is the index (zero-based) of the parameter in the VARIABLES clause.
--#SEVERITY	Default severity assigned to the trap. This can be one of the following: - INFORMATIONAL - MINOR - MAJOR - CRITICAL

[Notes]

- * If --#TYPE is not defined, the object name is substituted.
- * If --#SUMMARY is not defined, the contents of DESCRIPTION is substituted.
- * If --#SEVERITY is not defined or if the severity type other than INFORMATIONAL/MINOR/MAJOR/ CRITICAL is defined, the severity of the trap is handled as INFORMATIONAL.

2. Countermeasure for when unknown trap was received.

At the time of the trap reception, if the corresponding MIB is not registered, the severity is displayed as Unknown and the incorrect message will be displayed. If you receive the unknown trap, import the latest MIB and update the data. If you still receive the unknown trap even after the update, confirm that there is no abnormality in the devices.